



2022 Price List

February 2022

1024.N

lmipumps.com



For complete product documentation
please visit:

support.lmipumps.com



From there, you can quickly access:

- The latest product manuals and technical documentation
- Sales brochures and promotional material
- Certification and engineering files

Search by keyword, product series, or model number

Filter by document type, product, and language

Download to your computer, tablet, or phone for offline access

Price List Contents and Quick Links

SECTION I - ELECTRONIC METERING PUMPS, PARTS, & ACCESSORIES

Minimum Advertised Price Policy

Page 5

Chemical Resistance Guide

6

Series PD

12

Model	Max Output		Max Pressure	
	GPH	I/h	PSI	Bar
Series PD with FASTPRIME™				
PDx1	0.25	0.95	450	30.6
PDx4	0.68	2.60	250	17
PDx5	1.10	4.20	150	10.2
PDx6	2.00	7.60	70	4.8
Series PD with AUTOPRIME™				
PDx4	0.20	0.76	250	17
PDx5	0.75	2.84	110	7.5
PDx6	1.75	6.62	50	3.4

EXCEL™ AD

17

Model	Max Output		Max Pressure	
	GPH	I/h	PSI	Bar
EXCEL™ AD with FASTPRIME™				
ADx1	0.21	0.8	250	17.2
ADx4	0.5	1.9	250	17.2
ADx5	1.0	3.8	110	7.6
ADx6	2.0	7.6	50	3.4
EXCEL™ AD with AUTOPRIME™				
ADx1	0.15	0.6	250	17.2
ADx4	0.33	1.2	250	17.2
ADx5	0.80	3.0	110	7.6
ADx6	1.80	6.8	50	3.4

Series B

22

Model	Max Output		Max Pressure	
	GPH	I/h	PSI	Bar
Series B with LIQUIPRO™				
Bx1	1.6	6.1	150	10.3
Bx2	2.5	9.5	100	6.9
Bx3	4.5	17.0	50	3.4
Bx4	7.0	26.5	30	2.07
Series B with AUTOPRIME™				
Bx1	1.4	5.3	150	10.3
Bx2	2.3	8.7	100	6.9
Bx3	4.0	15.1	50	3.4
Bx4	6.8	25.7	30	2.07

SERIES C

27

Model	Max Output		Max Pressure	
	GPH	I/h	PSI	Bar
Series C with LIQUIPRO™				
Cx0	1.3	4.9	300	20.7
Cx1	2.5	9.5	150	10.3
Cx2	4.0	15.1	100	6.9
Cx3	8.0	30.3	60	4.1
Cx4	20.0	75.7	25	1.7
C76	4.0	15.1	175	12.1
C77	10.0	38.0	80	5.5
C78	25.0	95.0	30	2.07
Series C with AUTOPRIME™				
Cx1	2.3	8.7	150	10.3
Cx2	3.8	14.4	100	6.9
Cx3	7.8	29.5	60	4.1

SERIES E - Explosion Proof Pumps

36

Model	Max Output		Max Pressure	
	GPH	I/h	PSI	Bar
Series E with LIQUIPRO™				
E70	1.3	4.9	300	20.7
E71	2.5	9.5	150	10.3
E72	4.0	15.1	100	6.9
E73	8.0	30.3	60	4.1
E74	20.0	76.0	25	1.7
Series E with AUTOPRIME™				
E71	2.3	8.7	150	10.3
E72	3.8	14.4	100	6.9
E73	7.8	29.5	60	4.1

Accessories, Parts & Information

Routine Maintenance Kits

43

Drive Assemblies

44

Liquid End Assemblies

45

Accessories

46

Volume Spares

51

Electronic Metering Pumps Parts (123)

53

SECTION II - MOTOR DRIVEN METERING PUMPS & PARTS

EXCEL® XR

58

Specifications

60

Model	Max Output		Max Pressure	
	GPH	I/h	PSI	Bar
XRD2	5.6	21.2	175	12.1
XRD3	14	53	75	5.0
XRD4	18	68.1	50	3.5
XRE2	16	60.6	150	10.3
XRE3	32	121.1	100	6.9
XRE4	53	200.6	60	4.1

EXCEL™ XR Accessories

68

EXCEL™ XR Pump Parts

70

SERIES G

71

Model	Max Output		Max Pressure	
SD	GPH	I/h	PSI	Bar
SD2	0.7	2.6	175	12.1
SD4	12	45	150	10.3
SD7	50	189	100	6.9
SD8	115	435	75	5.2

Model	Max Output		Max Pressure	
SG	GPH	I/h	PSI	Bar
SG5	106	400	150	10.3
SG6	147	556	100	6.9
SG7	300	1136	50	3.4

Series G Pump Parts

84

SECTION III - CONTROLLERS & ACCESSORIES

4000 Series Conductivity Controllers

DC4000 Boiler Controller

88

DC4500 Cooling Tower Controller

89

Accessories & Spare Parts

90

5000 Series pH/ORP Controllers

DP5000 pH Controller

92

DR5000 ORP (Redox) Controller

92

Accessories & Spare Parts

93

FS5000 Flow Switch / TS5000 Time Switch

95

Minimum Advertised Price Policy

Revision effective April 1, 2018

As one of the world's leading producers and suppliers of pumps, water treatment controllers, and metering pumps, Milton Roy is focused on ensuring that customers receive the high quality products and support that Milton Roy seeks to have associated with the company's trademarks, including the LMI brand. That requires ensuring that every tier of the distribution chain—including Master Distributors and the Sub-distributors/Resellers—has the economic incentive to make the investment necessary to provide the quality of product sales and support that a premium brand like LMI needs and deserves. Consistent with our brand strategy and marketing, we have developed the following Minimum Advertised Price ("MAP") policy for LMI products. We have adopted this MAP Policy to prevent advertising that tends to depreciate or degrade the image and positioning of Milton Roy's LMI brand, products, and trademarks in the marketplace, thereby eroding goodwill and brand reputation. We also want to ensure that Master Distributors of LMI products and support services are not undermined by the advertising of "free riding" distributors that do not offer such services. By adhering to this MAP Policy, Master Distributors are likely to benefit from enhanced profitability, customer loyalty, and product image. All Master Distributors are prohibited from directly or indirectly violating this MAP policy.

Milton Roy MAP Policy Guidelines

MAP pricing for all products can be found on your current price list and is equal to the current LIST PRICE. All advertised prices must be at or above MAP for all products if a MAP price has been established by Milton Roy. Master Distributors are not required to list prices in advertising. If a price is listed in an advertisement, however, it must be at or above MAP. Other statements such as "call for price" or "call for quote" are acceptable and permitted. Master Distributors are also responsible for ensuring that their product pricing is at or above MAP on Internet search engines. Master Distributors are free to set the actual resale price of any product but are encouraged to maintain resale prices at or above the MAP price as published in the most recent price list.

This policy applies to advertising placements, including print ads (inserts, magazines, newspapers, catalogs, mail order catalogs, etc.), broadcast (radio and TV), direct mail, faxes, Internet placement with third parties (banner ads, broadcast emails, destination pages, third-party sites), Internet placements on a Master Distributor's own website, and any flyers, posters, or coupons.

Master Distributors of LMI products are encouraged to supply a copy of this policy to any new or existing Sub-distributors/Resellers.

Pricing Statements

This MAP Policy does allow Master Distributors to omit pricing entirely from advertisements and/or advertisement statements such as "Call for Price" or "Call for Quote."

Free Offers

Free shipping and/or handling, 0% sales tax, or free financing promotions do not violate the MAP Policy.

Products Price Matching Policies

Price matching policies are acceptable. Price matching cannot be used as a valid reason for violations of this MAP Policy, and violations by other distributors or resellers does not grant a Master Distributor or anyone else a right to violate the MAP policy. The Master Distributor's advertised price must always be at MAP or higher.

Practices Inconsistent with the Minimum Advertised Price Policy

Advertising practices that are inconsistent with and a violation of the MAP Policy are not permitted. While it is not possible to list all such inconsistent practices, some of them are listed below:

- Advertising LMI products below the MAP, in any medium (including in-store, print, audio, video, Internet communications or online).
- In eCommerce transactions, "see cart for pricing" are inconsistent with LMI brand guidelines if the consumer is not required to enter a specific log in (i.e. account number) or password to see this pricing.
- Website features such as "click for price", automated "bounce-back" pricing e-mails, preformatted e-mail responses, forms, and automatic price display for any items prior to being placed in a customer's shopping cart, and other similar features are considered to be communications initiated by the distributor (rather than by the customer) and thereby constitute "advertising" under this MAP Policy. Thus, these actions will be non-compliant with this policy
- Advertising volume discounts that are less than MAP price at the individual SKU level will be considered a violation of this policy.
- Unapproved coupons specifically for LMI products.
- Use of generic coupons for any merchandise in the store or online, when the use of that coupon is "netted out" or shown in an advertisement for LMI products. *(With respect to coupons that cover any and all of the merchandise in a retailer's store, while it is our strong preference that LMI products be excluded from such coupons, we will not consider such all merchandise coupons to be an inconsistent practice).*
- If a distributor or wholesaler with multiple store locations violates the MAP Policy at any one store location, or on any associated website, then LMI will consider this to be a violation by the distributor or wholesaler.

Enforcement of the Minimum Advertised Price Policy

LMI and the Master Distributor channel will monitor the practices of distributors and resellers either directly or via 3rd party agencies and/or analytical tools in all markets. Distributors and Wholesalers are expected to provide reasonable cooperation in any LMI investigations regarding possible MAP Policy violations. Hindering or otherwise failing to cooperate with an LMI MAP Policy investigation will be considered a violation of the MAP Policy. Upon discovering that a Master Distributor, distributor or reseller is engaging in any inconsistent practice as described above, LMI will take the actions outlined below, unilaterally and without consultation or agreement with either the non-compliant Master Distributors, distributors or reseller or others. LMI will hold authorized Master Distributors responsible for actions by their resellers or sub-distributors that violate the MAP policy.

- *If an initial violation occurs, the Master Distributor Channel will be expected make all attempts to work through the violation without involvement from LMI. If or when a resolution cannot be reached, LMI may be contacted for an interpretation of the expected guidelines and to give LMI notice of the violation.*
- *If a second violation occurs, LMI will issue an official warning to the Master Distributor responsible for the offending conduct or the offending distributor or reseller. Upon receipt of such letter, the responsible Master Distributor will have 10 working days to respond with an explanation and/or steps to resolve the matter. This response will be sent to LMI for records keeping.*
- *Further violations can result in any or all of the following actions:*
 - *Restrict future orders to the offending distributor and/or reseller to be enforced by the Master Distributor. Proof must be provided to LMI of enforcement.*
 - *Place Regional Responsibility under review for a period of 60 days*
 - *Terminate our business relationship with non-compliant Master Distributors. Such a decision will be made by the LMI management team.*

Failure to Comply with the MAP Policy

At the sole discretion of Milton Roy, failure to comply with this policy may result in a decision by Milton Roy not to sell products to a Master Distributor in the future and to terminate any agreement(s) in place with a Master Distributor.

CHEMICAL RESISTANCE GUIDE

This guide is offered as a general aid in selecting the appropriate materials used for a broad spectrum of aggressive chemicals routinely handled by the products we manufacture. Because chemicals and their properties can vary greatly, this chart is to be used at your discretion. The accuracy of these ratings cannot be guaranteed. Your chemical supplier is the best source for definitive material compatibility. Careful consideration must be given to all characteristics of the chemical and process system including chemical concentration, installation conditions, pressure, and temperature before a final material is selected.

Although the information set forth herein is presented in good faith and believed to be correct at date of issuance, LMI makes no guarantee or representation as to the completeness or accuracy thereof, and disclaims all liability for any loss or damage resulting from use or reliance upon any information, recommendations or suggestions contained herein. LMI MAKES NO EXPRESS OR IMPLIED REPRESENTATIONS OF WARRANTIES AS TO THE FITNESS, MERCHANTABILITY, OR ANY OTHER MATTER WITH RESPECT TO THE INFORMATION CONTAINED HEREIN OR ANY PRODUCT OR SUBSTANCE REFERRED TO HEREIN, whether used alone or in combination with any other material. Nothing contained herein is to be construed as a recommendation to use any product in conflict with any patent. The information is subject to change without notice.

These materials represent the majority of standard liquid end materials used with products we manufacture.

As always, you can rely on your LMI distributor to help with standard and unique applications. Refer to the most current chemical resistance guide by scanning the QR Code or searching for “chemical resistance guide” on support.lmipumps.com.



MATERIAL DESCRIPTIONS

METAL WETTED COMPONENTS

316 Stainless Steel – alloy of iron, carbon, nickel and chromium. A nonmagnetic stainless steel with more ductility than 400SS. Austenitic in structure, 316 stainless steel has excellent corrosion resistance to a wide range of chemicals. It is not susceptible to stress corrosion cracking or affected by heat treatment. 316 stainless steel is the most widely used material for pump heads, check valves, balls and other wetted components.

Alloy 20 – contains more nickel and chromium than 300 series stainless steel and with the addition of columbium that retards stress corrosion cracking and has improved resistance to sulfuric acid.

Alloy C – a high nickel-chromium molybdenum alloy that has outstanding resistance to a wide variety of chemical process environments, including strong oxidizers such as sodium hypochlorite, and ferric chloride. Alloy C is also resistant to nitric, hydrochloric, and sulfuric acids at moderate temperatures. It's often used as spring material in check valves of non-metallic pumps. Two grades of Alloy C are used in pump components, C276® and C22®. The two grades differ slightly in chemical compatibility, so care should be taken in the selection process.



NON-METAL WETTED COMPONENTS

Acrylic – resistant to many chemicals. Acrylic is often favored over other plastics for use as pump head material because it is clear and enables the user to observe pump performance.

Ceramic – Is used for seats, weights and ball checks in a number of pump products. Ceramic has the advantages of having a high level of hardness while being very corrosion resistant to a wide range of chemicals even at elevated temperatures. Alumina is not compatible with some chemicals such as hydrofluoric, hydrofluorosilicic, and hydrochloric acids.

Polyethylene – has excellent chemical resistance to strong acids and bases. It is also resistant to gentle oxidants and reducing agents. Its primary use in pumps is as a seat material in pump heads made primarily of other plastic materials.

Polypropylene – is generally high in chemical resistance but slightly lower in physical properties compared to PVC. It is chemically resistant to organic solvents, acids, and alkalines. It is typically not effective when in contact with strong oxidizing acids, chlorinated hydrocarbons, and aromatics.

PVC – PVC is the most frequently specified of all thermoplastic materials. It is characterized by high physical properties and resistance to corrosion and chemical attack by acids, alkalines, salt solutions, and many other chemicals. It is not successful handling ketones, some chlorinated hydrocarbons, and aromatics. The maximum service temperature of PVC is 140°F. PVC pipe connections can be solvent cemented (recommended for many chemicals) threaded, or flanged.

PVDF – a strong and abrasion-resistant fluorocarbon material. It resists distortion and retains most of its strength to 280°F. PVDF is excellent with most acids, bases, and organic solvents. It also applies well to chlorine, bromine and other halogens. No other plastic material approaches the combination of strength, chemical resistance and working temperatures of PVDF. PVDF is joined by a fusion process, threading or flanging.

NOTE: For applications where Alloy C springs are not compatible, PVDF coated springs are available.

NOTE: For unlisted chemicals, consult your LMI distributor or chemical manufacturer.

NOTE REFERENCES

1. Consult LMI distributor
2. Absorption of moisture from the air dilutes chemical and increases corrosion.
3. Consult LMI distributor for assistance
4. Consult LMI distributor - Slurry - use HV liquidends
5. Liquified gas - consult LMI distributor
6. Polypropylene only good to 38% concentration.
7. Polypropylene, PEEK, and FKM up to 80 % concentration.
8. Recommend liquid end flush
9. Recommend liquid end flushing
10. Subject to gas binding - use degassing head.
11. Use 316 ss if Titanium Dioxide must remain white
12. Use degassing head, double ball checks, Polyethylene must be HDPE
13. Use liquid ends with HV options
14. Use high alumina ceramic ball checks
15. Use HV liquid ends
16. Use PTFE ball checks
17. Use slurry checks
18. Usually requires high temp options - Consult LMI distributor
19. Volatile with hydrocarbons - Subject to gas binding - use degassing head.
20. Can be very corrosive - recommend plastics
21. High specific gravity - use spring loaded checks

ELASTOMERS AND SEALS

POLYPREL® (TFE/P) – is a copolymer of tetrafluoroethylene and propylene with a fluorine content of about 54%. This material is resistant to petroleum products and phosphate-esters. Service temperatures are -25°F to 400°F. Polyprel® provides improved chemical resistance to a wide spectrum of oils, rust inhibitors, amines, acids and bases. Polyprel® is typically used for o-rings in various pump models.

Nitrile (Buna-N) – a general purpose oil-resistant polymer known as nitrile rubber. Nitrile is a copolymer of butadiene and acrylonitrile with a moderate temperature range of -20°F to 180°F. Nitrile is resistant with solvents, oils, water, and hydraulic fluid. Nitrile should not be used with highly polar solvents such as acetone and methyl ethyl ketone, or in applications with chlorinated hydrocarbons, ozone or nitro hydrocarbons. In metering pumps Nitrile is primarily used for o-ring seals.

EPDM – EPDM has good abrasion and tear resistance and offers excellent chemical resistance to a variety of acids and alkalines. It is susceptible to attack by oils and is not recommended for applications involving petroleum oils, strong acids, or strong alkalines. It is fairly good with ketones and alcohols and has a temperature range from -20°F to 250°F.

PEEK – Polyetheretherketone is a high-performance engineered thermoplastic that can be used as diaphragm material when an application exceeds PTFE temperature or tensile strength limits. PEEK can be used up to 550°F.

PTFE/FLUOROFILM™ – has outstanding resistance to chemical attack by most chemicals and solvents. PTFE has a wide temperature rating of -20°F to 400°F as a seal. It is also used as the primary material in diaphragms where temperature limits vary based on backing material. FluoroFilm™ is a copolymer of PTFE and PFA.

FKM – compatible with a broad range of chemicals. FKM is usually used for o-rings, and as a backing material for PTFE diaphragms. It can also be used for ball checks. FKM can be used in most applications involving mineral acids, salt solutions, chlorinated hydrocarbons, and petroleum oils. It is also good in hydrocarbon service. FKM has a temperature range of -20°F to 300°F.

Solution Temperature Maximum

For liquid handling components of LMI metering pumps operation at 100 psi (6.9 Bar)

Material	Example Of Use	Temperature °F	°C
PVDF (Carbon Fiber Reinforced)	Fittings and Pump Head	250*	121*
Polyprel® (TFE/P)	Seal Rings	250*	121*
Polypropylene	Fittings and Pump Head	170	77
Polyvinyl Chloride Rigid (PVC)	Fittings and Pump Head	140	60
Polyvinyl Chloride (Flexible Vinyl)	Suction Tubing	140	60
Polyethylene	Discharge Tubing	110	43
Acrylic	Pump Head	140	60
PTFE	Liquifram™ and Seal Rings	250*	121*
FKM	Diaphragm and Seal Rings	225	107
Stainless Steel (316)	Fittings and Pump Head	250*	121*
Copolymer PTFE	Liquifram™	250*	121*
Alloy C	Spring	250*	121*
EPDM	Seal Rings	225	107
CPVC	Pipe and Corp Stop	180	82
Nitrile (Buna-N)	Gasket and Corp Stop	220	104
PEEK	Diaphragm	550	288
Alloy 20	Balls and Seats	250*	121*
Ceramic	Balls	250*	121*

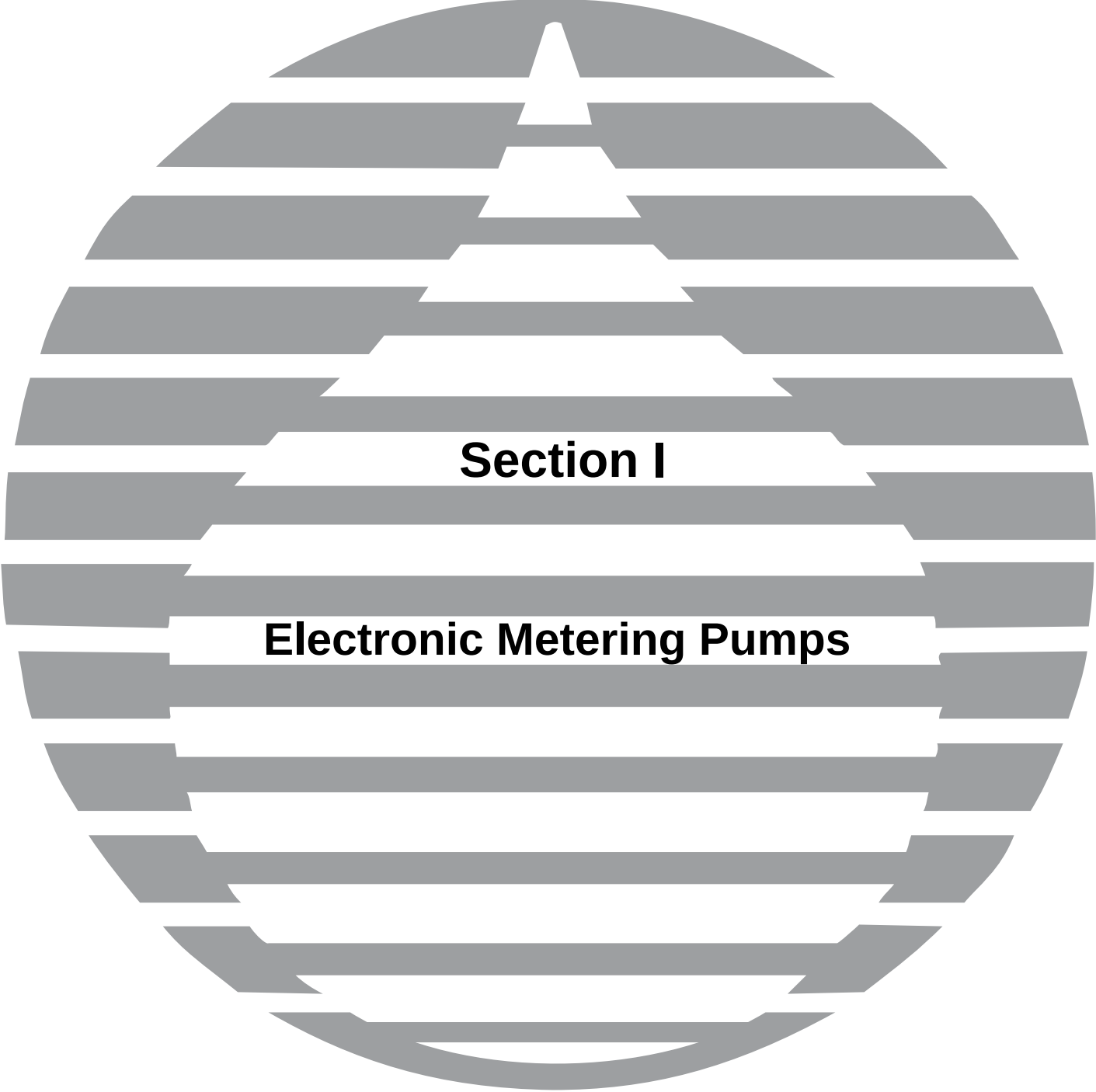
* Limited by other pump components

RATINGS:**A** - Excellent**B** - Use with caution**C** - Do not use**_ (Underscore)** - Insufficient Data**Temperature** - Good up to listed temperature

Material Code	2	3	5	7	8	9	0	Note Reference
Head	PVDF	PVDF	PP	316ss	PVC	Acrylic	Acrylic	
Fittings	PVDF	PVDF	PP	316ss	PVC	PVDF	PVC	
Balls	Ceramic	Ceramic	Ceramic	316ss	Ceramic	PTFE	Ceramic	
Seats	Polyprel®	PTFE	PTFE	316ss	Polyprel®	Polyprel®	PTFE	
O-Rings	Polyprel®	PTFE	PTFE	PTFE	Polyprel®	Polyprel®	Polyprel®	#
Chemical	Liquid End Chemical Resistance Rating							
Acetic Acid 10%	C	A 220°F	A 250°F	A 250°F	C	C	C	
Acetic Acid 80%	C	A 150°F	C	C	C	C	C	
Acetic Acid Glacial	C	A 125°F	A 68°F	A 250°F	C	C	C	
Acetic Anhydride	C	C	C	A 250°F	C	C	C	
Alum (general - see specific chemical)				C		A		
Aluminum Chloride	A 230°F	A 212°F	A 212°F	A 212°F	A	A 212°F	A 212°F	
Aluminum Hydroxide				A 212°F		A 212°F		
Aluminum Sulfate		A 212°F	A 212°F	A 212°F				
Amines				A				
Amines (filming)			C	A				
Ammonia Solutions	C	C	A 250°F	A 250°F				
Ammonia, Anhydrous	C	C		A 250°F		C	C	
Ammonium Sulfate	C	A 230°F	A 250°F	A 250°F	C	C	C	
Bromine	B 125°F	A 125°F	C	C	C	C	C	
Calcium Carbonate	A 230°F	A 230°F	A 250°F	A 250°F	A	A 230°F	A 250°F	
Calcium Chloride	A 230°F	A 230°F	A 250°F	C	A	A 230°F	A 250°F	
Calcium Hydroxide	A 230°F	A 212°F	A 212°F	A 212°F	A	A 212°F	A 212°F	
Calcium Hypochlorite	A 200°F	A 200°F	A 212°F	C	A	A 200°F	A 212°F	
Carbolic Acid (See Phenol)			A 250°F	A 250°F				
Carbonic Acid	A 230°F	A 230°F	A 250°F	A 250°F	A	A 230°F	A 250°F	
Chlorine Dioxide		B						
Chromic Acid 10%	A 175°F	A 175°F	A 250°F		A	C	C	
Chromic Acid 50% below 60°F	A 125°F	A 125°F	C	A 250°F	A	C	C	
Chromic Acid 50% to 140°F	A 125°F	A 125°F	C	C	A	C	C	
Citric Acid	A 230°F	A 212°F	A 212°F	A 212°F	A	A 212°F	A 212°F	
Copper Sulfate				A 212°F		A 212°F		
Copper Sulfate (5% Solution)	A 230°F	A 212°F		A 212°F		A 212°F		
Detergents			A 250°F		B		B 250°F	
Ethyl Acetate	C	C	C	A 250°F	C	C	C	
Ethyl Chloride	A 230°F	A 230°F	C	A 250°F	C	C	C	
Ethylene Glycol	A 230°F	A 230°F	A 250°F	A 250°F	A	A 230°F	A 250°F	
Ferric Chloride				C		A 230°F		8
Ferric Nitrate				A 250°F		A 230°F		
Ferric Sulfate	A 230°F	A 230°F	A 250°F	A 250°F	A	A 230°F	A 250°F	1
Ferrous Chloride				C		A 230°F		
Ferrous Sulfate	A 230°F	A 230°F	A 250°F	C	A	A 230°F	A 250°F	
Fluosilicic Acid	C	C	C	C	C	A 230°F	C	16
Glycerine	A 230°F	A 230°F	A 250°F	A 250°F	A	A 230°F	A 250°F	
Hydrobromic Acid 50%				C		A 230°F		3
Hydrochloric Acid	B 230°F	B 230°F	B 250°F	C	B	A 230°F	B 250°F	6
Hydrochloric Acid- Anhydrous		B 230°F	C	C				3
Hydrofluoric Acid 30%	C	C	C	C	C	C	C	16
Hydrofluoric Acid 75%	C	C	C	C	C	C	C	16
Hydrofluoric Acid 100%	C	C	C	C	C	C	C	16
Hydrofluosilicic Acid	C	C	C	C	C	A 212°F	C	16
Hydrogen Peroxide - Consult LMI Distributor	C	A 250°F	A 250°F	C		C		19
Hydrogen Sulfide, Aqueous	A 230°F	A 230°F	A 250°F	A 250°F	A	A 230°F	A 250°F	
Iodine Solutions			C	C	C	A 150°F	C	
Isopropyl Alcohol	A 140°F	A 140°F	A 250°F	C	A	C	C	
Lactic Acid (over 60% to 100°F)	A 125°F	A 125°F	C	C	C	A 125°F	C	
Lactic Acid (to 60% to 100°F)	A 125°F	A 125°F	C	C	C	A 125°F	C	
Lime Slurries				A 212°F	C			13
Magnesium Chloride	A 230°F	A 230°F	A 250°F	C	A	A 230°F	A 250°F	
Magnesium Hydroxide	A 230°F	A 230°F	A 250°F	A 250°F	A	A 230°F	A 250°F	17
Magnesium Nitrate	A 230°F	A 230°F	A 250°F	A 250°F	A	A 230°F	A 250°F	
Magnesium Sulfate				A 250°F				
Maleic Acid				A 250°F				
Malic Acid			C	A 250°F				
Methanol (Methyl Alcohol 100%)	A 230°F	A 230°F	A 250°F	A 250°F	A	C	C	
Mineral Oil	A 230°F	A 230°F	A 250°F	A 250°F	C	A 230°F	C	
Nitric Acid 10%	A 175°F	A 175°F	C	A 250°F	A	C	C	
Nitric Acid 70% to 100°F	B 125°F	A 125°F	C	C	B	C	C	
Nitric Acid Concentrated	B	A 70°F	C	A 70°F	C	C	C	
Peracetic Acid (PAA)		A	A					12
Phosphoric Acid	A 220°F	A 220°F	A 250°F	A 250°F	C	A 220°F	A 250°F	7

RATINGS:**A** - Excellent**B** - Use with caution**C** - Do not use**_ (Underscore)** - Insufficient Data**Temperature** - Good up to listed temperature

Material Code	2	3	5	7	8	9	0	Note Reference
Head	PVDF	PVDF	PP	316ss	PVC	Acrylic	Acrylic	
Fittings	PVDF	PVDF	PP	316ss	PVC	PVDF	PVC	
Balls	Ceramic	Ceramic	Ceramic	316ss	Ceramic	PTFE	Ceramic	
Seats	Polyprel®	PTFE	PTFE	316ss	Polyprel®	Polyprel®	PTFE	
O-Rings	Polyprel®	PTFE	PTFE	PTFE	Polyprel®	Polyprel®	Polyprel®	
Chemical	Liquid End Chemical Resistance Rating							#
Phthalic Acid	—	—	—	A 250°F	C	B 200°F	C	
Potassium Bicarbonate	—	A 200°F	A 250°F	A 250°F	—	—	—	
Potassium Bromide	C	C	C	A 250°F	C	A 230°F	C	
Potassium Carbonate	—	C	C	A 250°F	—	—	—	
Potassium Chlorate	B 200°F	B 200°F	B 250°F	A 250°F	B	A 200°F	B 250°F	
Potassium Chloride	—	—	—	A 250°F	—	A 230°F	—	
Potassium Fluoride	—	—	—	A 250°F	C	—	—	
Potassium Hydroxide	A	A 250°F	A 250°F	A 250°F	A	A 250°F	A 250°F	
Potassium Nitrate	B 230°F	B 230°F	B 250°F	A 250°F	B	A 230°F	B 250°F	
Potassium Permanganate	A 230°F	A 230°F	C	A 250°F	A	A 230°F	A 250°F	1
Potassium Sulfate	A 230°F	A 230°F	A 250°F	A 250°F	A	A 230°F	A 250°F	
Potassium Sulfide	—	A 230°F	A 250°F	A 250°F	—	—	—	
Soda Ash (See Sodium Carbonate)	—	—	—	—	—	A 230°F	—	8
Sodium Acetate	C	A 230°F	A 250°F	A 250°F	C	C	C	
Sodium Aluminate	—	—	—	A 212°F	C	—	—	1
Sodium Aluminum Sulfate (Soda Alum)	—	—	—	A	C	—	—	
Sodium Bicarbonate	A 230°F	A 230°F	A 250°F	A 250°F	A	A 230°F	A 250°F	
Sodium Bisulfate (to 100°F)	A 230°F	A 230°F	A 250°F	C	A	A 230°F	A 250°F	
Sodium Bisulfite (to 100°F)	A 230°F	A 230°F	A 250°F	A 250°F	A	A 230°F	A 250°F	
Sodium Borate (Borax)	A 230°F	A 230°F	A 250°F	A 250°F	A	A 230°F	A 250°F	
Sodium Carbonate (Soda Ash)	A 230°F	A 230°F	A 250°F	A 250°F	A	A 230°F	A 250°F	
Sodium Chlorate	—	A 230°F	A 250°F	A 250°F	—	—	—	
Sodium Chloride	—	—	A 250°F	C	A	—	A 250°F	
Sodium Cyanide	A 230°F	A 230°F	A 250°F	A 250°F	A	A 230°F	A 250°F	
Sodium Fluoride	C	C	C	C	C	A 230°F	C	16
Sodium Hydroxide 20% (75° to 210°F)	A	A 250°F	—	A 250°F	A	A 250°F	A 250°F	
Sodium Hydroxide 20% (to 75°F)	A	A 250°F	A 250°F	A 250°F	A	A 250°F	A 250°F	
Sodium Hydroxide 50% (75°F)	A	A 250°F	C	A 250°F	A	A 250°F	A 250°F	1
Sodium Hydroxide 50% (75° to 175°F)	A	A 250°F	—	A 250°F	A	A 250°F	A 250°F	1
Sodium Hypochlorite	A 200°F	A 200°F	C	C	A	A 200°F	A 250°F	10
Sodium Nitrate	C	A 230°F	A 250°F	A 250°F	C	C	C	
Sodium Permanganate	—	—	C	A	—	—	—	
Sodium Peroxide	—	—	—	A 250°F	C	—	—	
Sodium Polyphosphate	—	—	—	A 212°F	—	—	—	
Sodium Silicate	A	A 250°F	A 250°F	A 250°F	C	A 250°F	C	9
Sodium Sulfate	A	A 250°F	A 250°F	A 250°F	A	A 250°F	A 250°F	
Sodium Sulfide	A	A 250°F	A 250°F	A 250°F	C	—	—	
Sodium Sulfite	—	—	—	A 250°F	—	—	—	
Sulfuric Acid (40% to 95%)	A 200°F	A 200°F	C	C	A	C	C	2
Sulfuric Acid (95% to 100%)	A 125°F	A 125°F	C	C	A	C	C	2
Sulfuric Acid (up to 40%)	A 230°F	A 230°F	A 250°F	C	A	C	C	2
Tannic Acid	B 230°F	A 230°F	A 250°F	A 250°F	B	—	—	
Vinegar	A 230°F	A 230°F	A 250°F	A 250°F	A	A 230°F	A 250°F	
Water, Deionized	—	B 230°F	B 250°F	A 250°F	—	—	—	20
Water, Distilled	—	—	—	A	—	—	—	
Water, Fresh	A 230°F	A 230°F	—	—	—	A 230°F	—	
Water, Salt	B 230°F	B 230°F	B 250°F	A 250°F	B	A 230°F	B 250°F	
Xylene	C	A 200°F	C	A 250°F	C	C	C	
Zinc Chloride	C	C	C	C	C	A 230°F	C	
Zinc Sulfate	C	C	C	A 250°F	C	A 230°F	C	



Section I

Electronic Metering Pumps

Each LMI Metering Pump series is designed to meet user needs for specific application and installation requirements. Within each series there are a number of options for controls, liquid end designs and materials, power, and various other accessories and features.

The following price pages are presented in two groups so each can be described by the features offered:

Series PD and EXCEL™ AD - Share LMI's latest generation of FastPrime and AutoPrime liquid ends.

Series B, C, and E - Share LMI LiquiPro and Legacy generation liquid ends.

Each section has a page in the beginning that describes the features and options available.

Note: All standard plastic liquid ends are shipped with PE tubing. PE tubing is not recommended for all applications, therefore, please refer to the LMI Chemical Resistance chart for material compatibility. When PE tubing is not suitable for the application, please contact your local master distributor for alternative tubing materials.

Application Notes

- **Off-gassing Fluids (such as Sodium Hypochlorite)** - Each pump series that offers special designs for these fluids has a separate selection table at the end of the pricing section (reference AUTOPRIME™ Liquid Ends). Pumps designed to handle these fluids are specially designed to automatically bleed a portion of the process chemical in order to eliminate gas binding of the liquid end. The pump capacity ratings take into account the continuous bleed. For applications of off-gassing liquids such as sodium hypochlorite or hydrogen peroxide, "AI" or "HI" liquid ends with AUTOPRIME™ heads or valves are recommended. An "HI" liquid end adds a 4FV to the "AI" liquid end. AUTOPRIME™ is available on PVC and Acrylic heads. A 4FV on the "HI" head enables safe pressure release of process fluid.
- **Explosion-Proof Applications** - LMI's Series E pumps are designed to operate in hazardous areas requiring explosion proof equipment.
- **High Viscosity Fluids, Polymers** - Use EXCEL™ AD Series High Viscosity Liquid End Assemblies 624xx, 626xx, 634xx, 636xx, 644xx or 646xx with corresponding size drive assembly. For B, C, E, and J pump series, use Liquid End Assemblies 20HV, 25HV, 75HV, 76HV, 85HV, or 86HV with corresponding size drive assembly. Pump output may be reduced in some applications. Also, please note that no foot valve is included with HV liquid ends.
- **Stainless Steel Liquid Ends** - Liquid End Assemblies with a "7" in the second or third position. Please note no foot valve or injection valves are included with these Stainless Steel liquid ends. 316ss liquid ends are only available in NPT connections and without 4 function valves. Separate back pressure and safety valves are available in the accessory section.
- **Accessories** - Contact your LMI distributor to discuss the variety of LMI accessories designed to make the installation and operation of your LMI pump easier and more efficient.
- **Hastelloy® C Head Screws** - are available for pumps that will be used with strong acids or other applications where Hastelloy® C will provide better results than the standard 316 S.S. head screws. Please refer to the LMI Chemical Resistance chart and to your chemical supplier for suggested materials. See head screw kits: #37144 and #38735.
- **UV Resistant Tubing** - Black UV resistant tubing kits are available as item numbers #54783, #54784, and #54793. Each UV Tubing Kit will contain (1) six foot 1/4 inch diameter bleed line and (1) sixteen foot suction/discharge line in either a 1/4 inch, 3/8 inch or 1/2 inch diameter (respectively)

SERIES PD METERING PUMPS



For support:

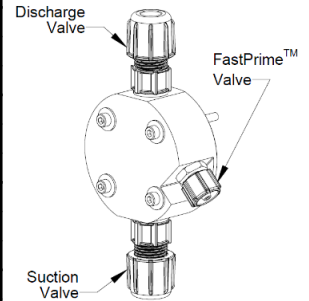


Control Codes

Key Features	PD0	PD7
Stroke frequency manually adjustable	✓	✓
Pulse signal input controls frequency		✓
Remote Start/Stop		✓
Low level float switch input		✓
Enhanced functionality		
• Calibration assist		✓
• System & user totalizer		
• StayPrime™ Degassing Technology		

FastPrime™ Liquid Ends

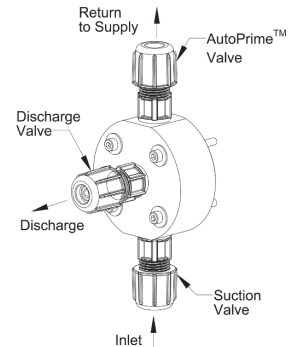
Output	PSI	GPH	BAR	LPH
PDx1	450	0.10	30.6	0.38
	300	0.20	20.4	0.76
	150	0.25	10.3	0.95
PDx4	250	0.35	17.3	1.32
	150	0.52	10.3	1.97
	50	0.68	3.4	2.6
PDx5	150	0.80	10.3	3.0
	110	1.00	7.6	3.8
	30	1.10	2.0	4.2
PDx6	70	1.70	4.8	6.4
	60	1.85	4.1	7.0
	50	2.00	3.4	7.6



FastPrime™ Has an integral manual priming valve to facilitate quick pump start-up.

AutoPrime™ Liquid Ends

Output	PSI	GPH	BAR	LPH
PDx4	250	0.20	17.3	0.76
	150	0.30	10.3	1.14
PDx5	110	0.75	7.6	2.8
	50	0.85	3.4	3.22
PDx6	50	1.75	3.4	6.6
	30	1.85	2.0	7.0



AutoPrime™ Allows for the constant removal of vapors and gases present in applications like sodium hypochlorite and hydrogen peroxide.



MFV Multifunction Valve

- This diaphragm type, anti-syphon/pressure relief valve is installed on the pump head.
- Can be oriented as required (360°) at precisely the desired position.
- Easier to use thanks to the more user-friendly design of the priming knobs and back pressure valve

What's in the Box

PD Series units include:



Tube Connection Hardware

Quick Start Guide



Suction/Discharge & Bleed Tubing



Injection Check Valve



Foot Valve



Ceramic Weight

PD7 units include:



5-pin Control Cable

Note: Depending on the configuration of the LE, some of the items may not be included in the box.

SERIES PD

METERING PUMP SELECTION AND PRICING

13

OUTPUT CODE 1

160 SPM Max.

Size Code 0

0.25 GPH (0.95 LPH); 450 psi (30.6 bar)

PDx1

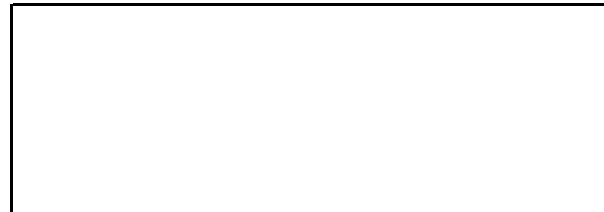
Drive End					Price					
Control										
PD01 Manual Control					\$ 351					
PD71 Enhanced control with Pulse Input, Remote Stop/Start, and Tank Level Input					\$ 596					
	Power Code	Voltage	Frequency	Plug						
	1	Universal	50-60 HZ	110 - 120V US Plug, UL	\$ -					
	2	Universal	50-60 HZ	220 - 240V US Plug, UL	\$ -					
	3	Universal	50-60 HZ	220 - 240V DIN Plug, CE	\$ -					
	5	Universal	50-60 HZ	220 - 240V UK Plug, CE	\$ -					
	6	Universal	50-60 HZ	220 - 240V Aust/NZ Plug	\$ -					
		Liquid End	Head	Fittings	Balls	Seat / O-Ring	Connections	RPM Kit		
		FastPrime™ Machined								
		907NP	316SS	316SS	316SS	316SS / PTFE	1/4" NPT	RPM-907	\$ 609	
	PD01	1	-907NP							

Pump Price

PD01 PD71

960 1205

RPM Kit	Price	Contents
RPM-907	\$ 290	*Liquifram *Shaft Seal *Suction Check Valve *Discharge Check Valve



SERIES PD

METERING PUMP SELECTION AND PRICING

14

OUTPUT CODE 4

160 SPM Max.

Size Code 2

0.68 GPH (2.6 LPH); 250 psi (17.0 bar)

Autoprime™ 0.20 GPH (0.76 LPH); 250 psi (17.0 bar)

PDx4									
Drive End									Price
Control									
PD04 Manual Control									\$ 351
PD74 Enhanced control with Pulse Input, Remote Stop/Start, and Tank Level Input									\$ 596
Power Code	Voltage	Frequency	Plug						
1	Universal	50-60 HZ	110 - 120V US Plug, UL						
2	Universal	50-60 HZ	220 - 240V US Plug, UL						
3	Universal	50-60 HZ	220 - 240V DIN Plug, CE						
5	Universal	50-60 HZ	220 - 240V UK Plug, CE						
6	Universal	50-60 HZ	220 - 240V Aust/NZ Plug						
Liquid End	Head	Fittings	Balls	Function Valve	Connections	Seat / O-Ring	RPM Kit	Pump Price	
FastPrime™ Molded								PD04	PD74
822NI	PVDF	PVDF	Ceramic	-	PE 1/4" O.D.	Polyprel®	RPM-822	\$ 319	670 915
822SI	PVDF	PVDF	Ceramic	FV	PE 1/4" O.D.	Polyprel®	RPM-822	\$ 406	757 1002
823NI	PVDF	PVDF	Ceramic	-	PE 1/4" O.D.	PTFE	RPM-823	\$ 367	718 963
823SI	PVDF	PVDF	Ceramic	FV	PE 1/4" O.D.	PTFE	RPM-823	\$ 454	805 1050
828NI	PVC	PVC	Ceramic	-	PE 1/4" O.D.	Polyprel®	RPM-822	\$ 269	620 865
828SI	PVC	PVC	Ceramic	FV	PE 1/4" O.D.	Polyprel®	RPM-822	\$ 356	707 952
FastPrime™ Machined									
925NI	PP	PP	Ceramic	-	PE 1/4" O.D.	PTFE	RPM-823	\$ 400	751 996
925SI	PP	PP	Ceramic	FV	PE 1/4" O.D.	PTFE	RPM-823	\$ 487	838 1083
927NP	316SS	316SS	316SS		1/4" NPT	316SS / PTFE	RPM-927	\$ 624	975 1220
928NI	PVC	PVC	Ceramic	-	PE 1/4" O.D.	Polyprel®	RPM-822	\$ 388	739 984
928SI	PVC	PVC	Ceramic	FV	PE 1/4" O.D.	Polyprel®	RPM-822	\$ 475	826 1071
929NI	Acrylic	PVDF	PTFE	-	PE 1/4" O.D.	Polyprel®	RPM-929	\$ 410	761 1006
929SI	Acrylic	PVDF	PTFE	FV	PE 1/4" O.D.	Polyprel®	RPM-929	\$ 497	848 1093
920NI	Acrylic	PVC	Ceramic	-	PE 1/4" O.D.	Polyprel®	RPM-822	\$ 397	748 993
920SI	Acrylic	PVC	Ceramic	FV	PE 1/4" O.D.	Polyprel®	RPM-822	\$ 484	835 1080
AutoPrime™ De-gas									
A28AI	PVC	PVC	Ceramic	-	PE 1/4" O.D.	PTFE / Polyprel®	RPM-A20A	\$ 464	815 1060
A28HI	PVC	PVC	Ceramic	FV	PE 1/4" O.D.	PTFE / Polyprel®	RPM-A20A	\$ 581	932 1177
A20AI	Acrylic	PVC	Ceramic	-	PE 1/4" O.D.	PTFE / Polyprel®	RPM-A20A	\$ 473	824 1069
A20HI	Acrylic	PVC	Ceramic	FV	PE 1/4" O.D.	PTFE / Polyprel®	RPM-A20A	\$ 590	941 1186
PD04	1	- 822NI							

RPM Kit	Price	Contents
FastPrime™		
RPM-822	\$ 157	*O Rings
RPM-823	\$ 179	*Shaft Seal
RPM-927	\$ 302	*Liquifram
RPM-929	\$ 157	*Check Valve Cartridges
		*Injection Valve Cartridge
AutoPrime™ De-gas		
RPM-A20A	\$ 190	*FastPrime or AutoPrime Cartridge



SERIES PD METERING PUMP SELECTION AND PRICING

15

OUTPUT CODE 5

160 SPM Max.

Size Code 3

1.1 GPH (4.2 LPH); 150 psi (10.2 bar)

Autoprime™ 0.75 GPH (2.84 LPH); 110 psi (7.5 bar)

PDx5

Drive End										Price
Control										
PD05 Manual Control										\$ 351
PD75 Enhanced control with Pulse Input, Remote Stop/Start, and Tank Level Input										\$ 596
Power Code	Voltage	Frequency	Plug							
1	Universal	50-60 HZ	110 - 120V US Plug, UL							\$ -
2	Universal	50-60 HZ	220 - 240V US Plug, UL							\$ -
3	Universal	50-60 HZ	220 - 240V DIN Plug, CE							\$ -
5	Universal	50-60 HZ	220 - 240V UK Plug, CE							\$ -
6	Universal	50-60 HZ	220 - 240V Aust/NZ Plug							\$ -
Liquid End	Head	Fittings	Balls	Function Valve	Connections	Seat / O-Ring	RPM Kit	Pump Price		
FastPrime™ Molded								PD05	PD75	
832NI	PVDF	PVDF	Ceramic	-	PE 3/8" O.D.	Polyprel®	RPM-832	\$ 319	670	915
832SI	PVDF	PVDF	Ceramic	FV	PE 3/8" O.D.	Polyprel®	RPM-832	\$ 406	757	1002
833NI	PVDF	PVDF	Ceramic	-	PE 3/8" O.D.	PTFE	RPM-833	\$ 367	718	963
833SI	PVDF	PVDF	Ceramic	FV	PE 3/8" O.D.	PTFE	RPM-833	\$ 454	805	1050
838NI	PVC	PVC	Ceramic	-	PE 3/8" O.D.	Polyprel®	RPM-832	\$ 269	620	865
838SI	PVC	PVC	Ceramic	FV	PE 3/8" O.D.	Polyprel®	RPM-832	\$ 356	707	952
FastPrime™ Machined										
935NI	PP	PP	Ceramic	-	PE 3/8" O.D.	PTFE	RPM-833	\$ 400	751	996
935SI	PP	PP	Ceramic	FV	PE 3/8" O.D.	PTFE	RPM-833	\$ 487	838	1083
937NP	316SS	316SS	316SS		1/4" NPT	316SS / PTFE	RPM-937	\$ 624	975	1220
938NI	PVC	PVC	Ceramic	-	PE 3/8" O.D.	Polyprel®	RPM-832	\$ 388	739	984
938SI	PVC	PVC	Ceramic	FV	PE 3/8" O.D.	Polyprel®	RPM-832	\$ 475	826	1071
939NI	Acrylic	PVDF	PTFE	-	PE 3/8" O.D.	Polyprel®	RPM-939	\$ 410	761	1006
939SI	Acrylic	PVDF	PTFE	FV	PE 3/8" O.D.	Polyprel®	RPM-939	\$ 497	848	1093
930NI	Acrylic	PVC	Ceramic	-	PE 3/8" O.D.	Polyprel®	RPM-832	\$ 397	748	993
930SI	Acrylic	PVC	Ceramic	FV	PE 3/8" O.D.	Polyprel®	RPM-832	\$ 484	835	1080
AutoPrime™ De-gas										
A38AI	PVC	PVC	Ceramic	-	PE 3/8" O.D.	PTFE / Polyprel®	RPM-A30A	\$ 464	815	1060
A38HI	PVC	PVC	Ceramic	FV	PE 3/8" O.D.	PTFE / Polyprel®	RPM-A30A	\$ 581	932	1177
A30AI	Acrylic	PVC	Ceramic	-	PE 3/8" O.D.	PTFE / Polyprel®	RPM-A30A	\$ 473	824	1069
A30HI	Acrylic	PVC	Ceramic	FV	PE 3/8" O.D.	PTFE / Polyprel®	RPM-A30A	\$ 590	941	1186
PD05	1	- 832NI								

RPM Kit	Price	Contents
FastPrime™		
RPM-832	\$ 163	*O Rings
RPM-833	\$ 190	*Shaft Seal
RPM-937	\$ 313	*Liquifram
RPM-939	\$ 163	*Check Valve Cartridges
		*Injection Valve Cartridge
AutoPrime™		
RPM-A30A	\$ 202	*FastPrime or AutoPrime Cartridge



SERIES PD METERING PUMP SELECTION AND PRICING

16

OUTPUT CODE 6

2.0 GPH (7.6 LPH); 70 psi (4.8 bar)

160 SPM Max.

Size Code 4

Autoprime™ 1.75 GPH (6.62 LPH); 50 psi (3.4 bar)

PDx6

Drive End										Price
Control										
PD06 Manual Control										\$ 351
PD76 Enhanced control with Pulse Input, Remote Stop/Start, and Tank Level Input										\$ 596
Power Code	Voltage	Frequency	Plug							
1	Universal	50-60 HZ	110 - 120V US Plug, UL							\$ -
2	Universal	50-60 HZ	220 - 240V US Plug, UL							\$ -
3	Universal	50-60 HZ	220 - 240V DIN Plug, CE							\$ -
5	Universal	50-60 HZ	220 - 240V UK Plug, CE							\$ -
6	Universal	50-60 HZ	220 - 240V Aust/NZ Plug							\$ -
Liquid End	Head	Fittings	Balls	Function Valve	Connections	Seat / O-Ring	RPM Kit	Pump Price		
FastPrime™ Molded								PD06	PD76	
842NI	PVDF	PVDF	Ceramic	-	PE 3/8" O.D.	Polyprel®	RPM-842	\$ 319	670	915
842SI	PVDF	PVDF	Ceramic	FV	PE 3/8" O.D.	Polyprel®	RPM-842	\$ 406	757	1002
843NI	PVDF	PVDF	Ceramic	-	PE 3/8" O.D.	PTFE	RPM-843	\$ 367	718	963
843SI	PVDF	PVDF	Ceramic	FV	PE 3/8" O.D.	PTFE	RPM-843	\$ 454	805	1050
848NI	PVC	PVC	Ceramic	-	PE 3/8" O.D.	Polyprel®	RPM-842	\$ 269	620	865
848SI	PVC	PVC	Ceramic	FV	PE 3/8" O.D.	Polyprel®	RPM-842	\$ 356	707	952
FastPrime™ Machined										
945NI	PP	PP	Ceramic	-	PE 3/8" O.D.	PTFE	RPM-843	\$ 400	751	996
945SI	PP	PP	Ceramic	FV	PE 3/8" O.D.	PTFE	RPM-843	\$ 487	838	1083
947NP	316SS	316SS	316SS		1/4" NPT	316SS / PTFE	RPM-947	\$ 624	975	1220
948NI	PVC	PVC	Ceramic	-	PE 3/8" O.D.	Polyprel®	RPM-842	\$ 388	739	984
948SI	PVC	PVC	Ceramic	FV	PE 3/8" O.D.	Polyprel®	RPM-842	\$ 475	826	1071
949NI	Acrylic	PVDF	PTFE	-	PE 3/8" O.D.	Polyprel®	RPM-949	\$ 410	761	1006
949SI	Acrylic	PVDF	PTFE	FV	PE 3/8" O.D.	Polyprel®	RPM-949	\$ 497	848	1093
940NI	Acrylic	PVC	Ceramic	-	PE 3/8" O.D.	Polyprel®	RPM-842	\$ 397	748	993
940SI	Acrylic	PVC	Ceramic	FV	PE 3/8" O.D.	Polyprel®	RPM-842	\$ 484	835	1080
AutoPrime™ De-gas										
A48AI	PVC	PVC	Ceramic	-	PE 3/8" O.D.	PTFE / Polyprel®	RPM-A40A	\$ 464	815	1060
A48HI	PVC	PVC	Ceramic	FV	PE 3/8" O.D.	PTFE / Polyprel®	RPM-A40A	\$ 581	932	1177
A40AI	Acrylic	PVC	Ceramic	-	PE 3/8" O.D.	PTFE / Polyprel®	RPM-A40A	\$ 473	824	1069
A40HI	Acrylic	PVC	Ceramic	FV	PE 3/8" O.D.	PTFE / Polyprel®	RPM-A40A	\$ 590	941	1186
PD06	1	- 842NI								

RPM Kit	Price	Contents
FastPrime™		
RPM-842	\$ 168	*O Rings
RPM-843	\$ 202	*Shaft Seal
RPM-947	\$ 324	*Liquifram
RPM-949	\$ 168	*Check Valve Cartridges
		*Injection Valve Cartridge
AutoPrime™ De-gas		
RPM-A40A	\$ 212	*FastPrime or AutoPrime Cartridge



EXCEL™ AD METERING PUMPS



For support:



Output Code	Max Output GPH	Max Output LPH	Max Pressure PSI	Max Pressure Bar
Excel™ AD with FastPrime™				
1	0.21	0.8	250	17.2
4	0.50	1.9	250	17.2
5	1.0	3.8	110	7.6
6	2.0	7.6	50	3.4
Excel™ AD with AutoPrime™				
1	0.15	0.6	250	17.2
4	0.33	1.2	250	17.2
5	0.80	3.0	110	7.6
6	1.80	6.8	50	3.4

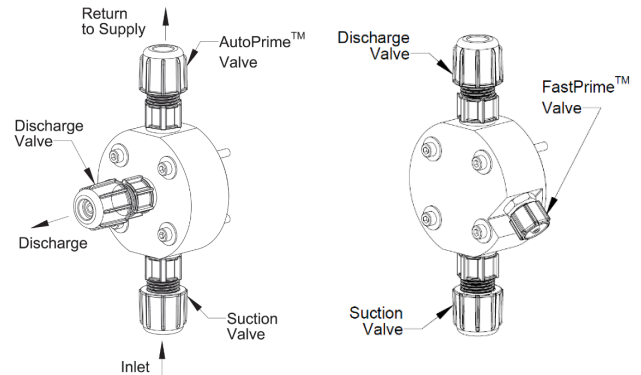
Control Codes

Key Features	AD2	AD8	AD9
Stroke length manually adjustable	✓	✓	✓
Stroke frequency manually adjustable	✓	✓	✓
Low level indication	✓	✓	✓
Display of calculated flow rate	✓	✓	✓
Pulse or 4/20 mA signal input controls frequency		✓	✓
Pulse multiply/divide functions		✓	✓
24 V output for remote device		✓	✓
Dual low-level float switch input		✓	✓
Remote on/off signal input			✓
Outputs include: 4-20mA, pulse, Alarm			✓
Remote internal/external mode input			✓
Remote alarm transfer			✓



MFV Multifunction Valve

- This diaphragm type, anti-syphon/pressure relief valve is installed on the pump head.
- Can be oriented as required (360°) at precisely the desired position.
- Easier to use thanks to the more user-friendly design of the priming knobs and back pressure valve



AutoPrime™

Allows for the constant removal of vapors and gases present in applications like sodium hypochlorite and hydrogen peroxide.

FastPrime™

Has an integral manual priming valve to facilitate quick pump start-up.

What's in the Box

Excel AD units include:						AD9 units include:	
						Certain AD8 units include:	
Tube Connection Hardware	Quick Start Guide	Suction/Discharge Tubing	Injection Check Valve	Foot Valve	Ceramic Weight	5-pin Control Cable	6-pin Control Cable

Note: Depending on the configuration of the LE, some of the items may not be included in the box.

EXCEL AD

METERING PUMP SELECTION AND PRICING

18

OUTPUT CODE 1

120 SPM Max.

Size Code 1

0.002 to 0.21 GPH (0.01 to 0.8 LPH); 250 psi (17.2 bar)

Autoprime™ 0.0015 to 0.15 GPH (0.006 to 0.6 LPH)

ADx1

Drive End									Price
Control									
AD21 Dual Manual Control (dual power supply)									\$ 776
AD81 Pulse/Analog Input w/ Dual Manual Control (universal power supply)									\$ 1,002
AD91 Pulse/Analog Input w/ Dual Manual Control - Advanced Features (universal power supply)									\$ 1,265
Power Code	Voltage	Frequency	Plug						
1	Dual or Universal	50-60 HZ	110 - 120V US Plug						
2	Dual or Universal	50-60 HZ	220 - 240V US Plug						
3	Dual or Universal	50-60 HZ	220 - 240V DIN Plug						
5	Dual or Universal	50-60 HZ	220 - 240V UK Plug						
6	Dual or Universal	50-60 HZ	220 - 240V Aust/NZ Plug						
									Pump Price
Liquid End	Head	Fittings	Balls	Function Valve	Connections	Seat / O-Ring	RPM Kit		AD21 AD81 AD91
FastPrime™ Machined									
910NI	Acrylic	PVC	Ceramic	-	PE ¼" O.D.	PTFE/Polyprel®	RPM-812	\$ 382	1158 1384 1647
910SI	Acrylic	PVC	Ceramic	FV	PE ¼" O.D.	PTFE/Polyprel®	RPM-812	\$ 469	1245 1471 1734
915NI	PP	PP	Ceramic	-	PE ¼" O.D.	PTFE	RPM-813	\$ 385	1161 1387 1650
915SI	PP	PP	Ceramic	FV	PE ¼" O.D.	PTFE	RPM-813	\$ 472	1248 1474 1737
918NI	PVC	PVC	Ceramic	-	PE ¼" O.D.	PTFE/Polyprel®	RPM-812	\$ 373	1149 1375 1638
918SI	PVC	PVC	Ceramic	FV	PE ¼" O.D.	PTFE/Polyprel®	RPM-812	\$ 460	1236 1462 1725
919NI	Acrylic	PVDF	PTFE	-	PE ¼" O.D.	Polyprel®	RPM-919	\$ 395	1171 1397 1660
919SI	Acrylic	PVDF	PTFE	FV	PE ¼" O.D.	Polyprel®	RPM-919	\$ 482	1258 1484 1747
917NP	316SS	316SS	316SS	-	¼" NPT	316SS/PTFE	RPM-917	\$ 609	1385 1611 1874
FastPrime™ Molded									
812NI	PVDF	PVDF	Ceramic	-	PE ¼" O.D.	PTFE/Polyprel®	RPM-812	\$ 304	1080 1306 1569
812SI	PVDF	PVDF	Ceramic	FV	PE ¼" O.D.	PTFE/Polyprel®	RPM-812	\$ 391	1167 1393 1656
813NI	PVDF	PVDF	Ceramic	-	PE ¼" O.D.	PTFE	RPM-813	\$ 352	1128 1354 1617
813SI	PVDF	PVDF	Ceramic	FV	PE ¼" O.D.	PTFE	RPM-813	\$ 439	1215 1441 1704
818NI	PVC	PVC	Ceramic	-	PE ¼" O.D.	PTFE/Polyprel®	RPM-812	\$ 254	1030 1256 1519
818SI	PVC	PVC	Ceramic	FV	PE ¼" O.D.	PTFE/Polyprel®	RPM-812	\$ 341	1117 1343 1606
AutoPrime™ De-gas									
A10AI	Acrylic	PVC	Ceramic	-	PE ¼" O.D.	PTFE/Polyprel®	RPM-A10A	\$ 458	1234 1460 1723
A10HI	Acrylic	PVC	Ceramic	FV	PE ¼" O.D.	PTFE/Polyprel®	RPM-A10A	\$ 575	1351 1577 1840
A18AI	PVC	PVC	Ceramic	-	PE ¼" O.D.	PTFE/Polyprel®	RPM-A10A	\$ 449	1225 1451 1714
A18HI	PVC	PVC	Ceramic	FV	PE ¼" O.D.	PTFE/Polyprel®	RPM-A10A	\$ 566	1342 1568 1831
AD21	1	- 910NI							

RPM Kit	Price	Contents
FastPrime™		
RPM-812	\$ 152	*O Rings *Shaft Seal *Liquifram *Check Valve Cartridges *Injection Valve Cartridge *FastPrime or AutoPrime Cartridge
RPM-813	\$ 168	
RPM-919	\$ 152	
RPM-917	\$ 290	
RPM-812	\$ 152	
RPM-813	\$ 168	
AutoPrime™ De-gas		
RPM-A10A	\$ 179	



EXCEL AD

METERING PUMP SELECTION AND PRICING

19

OUTPUT CODE 4

120 SPM Max.

Size Code 2

0.005 to 0.5 GPH (0.02 to 1.9 LPH); 250 psi (17.2 bar)

Autoprime™ 0.0033 to 0.33 GPH (0.012 to 1.2 LPH)

ADx4

Drive End									Price			
Control												
AD24 Dual Manual Control (dual power supply)									\$	776		
AD84 Pulse/Analog Input w/ Dual Manual Control (universal power supply)									\$	1,002		
AD94 Pulse/Analog Input w/ Dual Manual Control - Advanced Features (universal power supply)									\$	1,265		
	Power Code		Voltage		Frequency		Plug					
	1		Dual or Universal		50-60 HZ		110 - 120V US Plug		\$	-		
	2		Dual or Universal		50-60 HZ		220 - 240V US Plug		\$	-		
	3		Dual or Universal		50-60 HZ		220 - 240V DIN Plug		\$	-		
	5		Dual or Universal		50-60 HZ		220 - 240V UK Plug		\$	-		
	6		Dual or Universal		50-60 HZ		220 - 240V Aust/NZ Plug		\$	-		
										Pump Price		
		Liquid End	Head	Fittings	Balls	Valve	Connections Suction/Discharge	Seat / O-Ring	RPM Kit	AD24	AD84	AD94
	FastPrime™ Machined											
	920NI	Acrylic	PVC	Ceramic	-	PE ¼" O.D.	PTFE/Polyprel®	RPM-822	\$ 397	1173	1399	1662
	920SI	Acrylic	PVC	Ceramic	FV	PE ¼" O.D.	PTFE/Polyprel®	RPM-822	\$ 484	1260	1486	1749
	925NI	PP	PP	Ceramic	-	PE ¼" O.D.	PTFE	RPM-823	\$ 400	1176	1402	1665
	925SI	PP	PP	Ceramic	FV	PE ¼" O.D.	PTFE	RPM-823	\$ 487	1263	1489	1752
	928NI	PVC	PVC	Ceramic	-	PE ¼" O.D.	PTFE/Polyprel®	RPM-822	\$ 388	1164	1390	1653
	928SI	PVC	PVC	Ceramic	FV	PE ¼" O.D.	PTFE/Polyprel®	RPM-822	\$ 475	1251	1477	1740
	929NI	Acrylic	PVDF	PTFE	-	PE ¼" O.D.	Polyprel®	RPM-929	\$ 410	1186	1412	1675
	929SI	Acrylic	PVDF	PTFE	FV	PE ¼" O.D.	Polyprel®	RPM-929	\$ 497	1273	1499	1762
	927NP	316SS	316SS	316SS	-	¼" NPT	316SS/PTFE	RPM-927	\$ 624	1400	1626	1889
	FastPrime™ Molded											
	822NI	PVDF	PVDF	Ceramic	-	PE ¼" O.D.	PTFE/Polyprel®	RPM-822	\$ 319	1095	1321	1584
	822SI	PVDF	PVDF	Ceramic	FV	PE ¼" O.D.	PTFE/Polyprel®	RPM-822	\$ 406	1182	1408	1671
	823NI	PVDF	PVDF	Ceramic	-	PE ¼" O.D.	PTFE	RPM-823	\$ 367	1143	1369	1632
	823SI	PVDF	PVDF	Ceramic	FV	PE ¼" O.D.	PTFE	RPM-823	\$ 454	1230	1456	1719
	828NI	PVC	PVC	Ceramic	-	PE ¼" O.D.	PTFE/Polyprel®	RPM-822	\$ 269	1045	1271	1534
	828SI	PVC	PVC	Ceramic	FV	PE ¼" O.D.	PTFE/Polyprel®	RPM-822	\$ 356	1132	1358	1621
	AutoPrime™ De-gas											
	A20AI	Acrylic	PVC	Ceramic	-	PE ¼" O.D.	PTFE/Polyprel®	RPM-A20A	\$ 473	1249	1475	1738
	A20HI	Acrylic	PVC	Ceramic	FV	PE ¼" O.D.	PTFE/Polyprel®	RPM-A20A	\$ 590	1366	1592	1855
	A28AI	PVC	PVC	Ceramic	-	PE ¼" O.D.	PTFE/Polyprel®	RPM-A20A	\$ 464	1240	1466	1729
	A28HI	PVC	PVC	Ceramic	FV	PE ¼" O.D.	PTFE/Polyprel®	RPM-A20A	\$ 581	1357	1583	1846
High Viscosity												
624VI	PP	PP	316SS	-	PE ½" OD / Vinyl 0.938" OD	PTFE	RPM-624	\$ 483	1259	1485	1748	
624PI	PP	PP	316SS	-	PE ½" OD / Vinyl 0.938" OD	PTFE	RPM-624	\$ 514	1290	1516	1779	
626VI	Acrylic	PP	316SS	-	PE ½" OD / Vinyl 0.938" OD	PTFE	RPM-626	\$ 480	1256	1482	1745	
AD21	1	- 920NI										

RPM Kit	Price	Contents
FastPrime™		
RPM-822	\$ 157	*O Rings
RPM-823	\$ 179	*Shaft Seal
RPM-929	\$ 157	*Liquifram
RPM-927	\$ 302	*Check Valve Cartridges
		*Injection Valve Cartridge
AutoPrime™ De-gas		
RPM-A20A	\$ 190	*FastPrime or AutoPrime Cartridge
High Viscosity		
RPM-624	\$ 146	*Clamp Rings *Liquifram
RPM-626	\$ 146	*Seal Ring Seats *Balls, Springs
		*Shaft Seal



EXCEL AD

METERING PUMP SELECTION AND PRICING

20

OUTPUT CODE 5

120 SPM Max.

Size Code 3

0.01 to 1.0 GPH (0.04 to 3.8 LPH); 110 psi (7.6 bar)

Autoprime™ 0.008 to 0.8 GPH (0.03 to 3.0 LPH)

ADx5

Drive End										Price		
Control												
AD25 Dual Manual Control (dual power supply)										\$	775	
AD85 Pulse/Analog Input w/ Dual Manual Control (universal power supply)										\$	1,001	
AD95 Pulse/Analog Input w/ Dual Manual Control - Advanced Features (universal power supply)										\$	1,264	
	Power Code		Voltage		Frequency		Plug					
	1		Dual or Universal		50-60 HZ		110 - 120V US Plug		\$	-		
	2		Dual or Universal		50-60 HZ		220 - 240V US Plug		\$	-		
	3		Dual or Universal		50-60 HZ		220 - 240V DIN Plug		\$	-		
	5		Dual or Universal		50-60 HZ		220 - 240V UK Plug		\$	-		
	6		Dual or Universal		50-60 HZ		220 - 240V Aust/NZ Plug		\$	-		
		Liquid End	Head	Fittings	Balls	Valve	Connections Suction/Discharge	Seat / O-Ring	RPM Kit			
	FastPrime™ Machined											
	930NI	Acrylic	PVC	Ceramic	-	PE ⅜" O.D.	PTFE/Polyprel®	RPM-832	\$	397		
	930SI	Acrylic	PVC	Ceramic	FV	PE ⅜" O.D.	PTFE/Polyprel®	RPM-832	\$	484		
	935NI	PP	PP	Ceramic	-	PE ⅜" O.D.	PTFE	RPM-833	\$	400		
	935SI	PP	PP	Ceramic	FV	PE ⅜" O.D.	PTFE	RPM-833	\$	487		
	938NI	PVC	PVC	Ceramic	-	PE ⅜" O.D.	PTFE/Polyprel®	RPM-832	\$	388		
	938SI	PVC	PVC	Ceramic	FV	PE ⅜" O.D.	PTFE/Polyprel®	RPM-832	\$	475		
	939NI	Acrylic	PVDF	PTFE	-	PE ⅜" O.D.	Polyprel®	RPM-939	\$	410		
	939SI	Acrylic	PVDF	PTFE	FV	PE ⅜" O.D.	Polyprel®	RPM-939	\$	497		
	937NP	316SS	316SS	316SS	-	¼" NPT	316SS/PTFE	RPM-937	\$	624		
	FastPrime™ Molded											
	832NI	PVDF	PVDF	Ceramic	-	PE ⅜" O.D.	PTFE/Polyprel®	RPM-832	\$	319		
	832SI	PVDF	PVDF	Ceramic	FV	PE ⅜" O.D.	PTFE/Polyprel®	RPM-832	\$	406		
	833NI	PVDF	PVDF	Ceramic	-	PE ⅜" O.D.	PTFE	RPM-833	\$	367		
	833SI	PVDF	PVDF	Ceramic	FV	PE ⅜" O.D.	PTFE	RPM-833	\$	454		
	838NI	PVC	PVC	Ceramic	-	PE ⅜" O.D.	PTFE/Polyprel®	RPM-832	\$	269		
	838SI	PVC	PVC	Ceramic	FV	PE ⅜" O.D.	PTFE/Polyprel®	RPM-832	\$	356		
	AutoPrime™ De-gas											
	A30AI	Acrylic	PVC	Ceramic	-	PE ⅜" O.D.	PTFE/Polyprel®	RPM-A30A	\$	473		
	A30HI	Acrylic	PVC	Ceramic	FV	PE ⅜" O.D.	PTFE/Polyprel®	RPM-A30A	\$	590		
	A38AI	PVC	PVC	Ceramic	-	PE ⅜" O.D.	PTFE/Polyprel®	RPM-A30A	\$	464		
	A38HI	PVC	PVC	Ceramic	FV	PE ⅜" O.D.	PTFE/Polyprel®	RPM-A30A	\$	581		
	High Viscosity											
	634VI	PP	PP	316SS	-	PE ½" OD / Vinyl 0.938" OD	PTFE	RPM-634	\$	483		
634PI	PP	PP	316SS	-	PE ½" OD / Vinyl 0.938" OD	PTFE	RPM-634	\$	514			
636VI	Acrylic	PP	316SS	-	PE ½" OD / Vinyl 0.938" OD	PTFE	RPM-636	\$	480			
AD21	1	- 930NI										

RPM Kit	Price	Contents
FastPrime™		
RPM-832	\$ 163	*O Rings
RPM-833	\$ 190	*Shaft Seal
RPM-939	\$ 163	*Liquifram
RPM-937	\$ 313	*Check Valve Cartridges
		*Injection Valve Cartridge
AutoPrime™ De-gas		
RPM-A30A	\$ 202	*FastPrime or AutoPrime Cartridge
High Viscosity		
RPM-634	\$ 157	*Clamp Rings *Liquifram
RPM-636	\$ 157	*Seal Ring Seats *Balls, Springs
		*Shaft Seal



EXCEL AD

METERING PUMP SELECTION AND PRICING

21

OUTPUT CODE 6

120 SPM Max.

Size Code 4

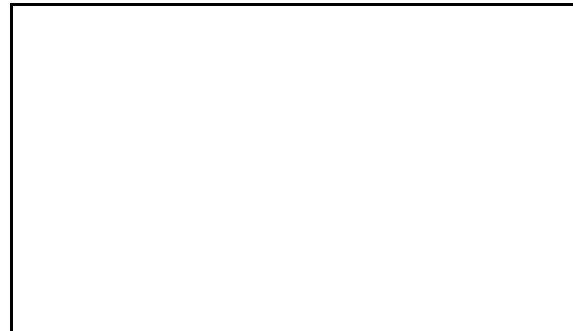
0.02 to 2.0 GPH (0.08 to 7.6 LPH); 50 psi (3.4 bar)

Autoprime™ 0.018 to 1.8 GPH (0.068 to 6.8 LPH)

ADx6

Drive End										Price		
Control												
AD26 Dual Manual Control (dual power supply)										\$	816	
AD86 Pulse/Analog Input w/ Dual Manual Control (universal power supply)										\$	1,042	
AD96 Pulse/Analog Input w/ Dual Manual Control - Advanced Features (universal power supply)										\$	1,305	
	Power Code		Voltage		Frequency		Plug					
	1		Dual or Universal		50-60 HZ		110 - 120V US Plug			\$	-	
	2		Dual or Universal		50-60 HZ		220 - 240V US Plug			\$	-	
	3		Dual or Universal		50-60 HZ		220 - 240V DIN Plug			\$	-	
	5		Dual or Universal		50-60 HZ		220 - 240V UK Plug			\$	-	
	6		Dual or Universal		50-60 HZ		220 - 240V Aust/NZ Plug			\$	-	
	Liquid End		Head	Fittings	Balls	Valve	Connections Suction/Discharge		Seat / O-Ring		RPM Kit	
	FastPrime™ Machined											
	940NI		Acrylic	PVC	Ceramic	-	PE ⅜" O.D.		PTFE/Polyprel®		RPM-842	\$ 397
	940SI		Acrylic	PVC	Ceramic	FV	PE ⅜" O.D.		PTFE/Polyprel®		RPM-842	\$ 484
	945NI		PP	PP	Ceramic	-	PE ⅜" O.D.		PTFE		RPM-843	\$ 400
	945SI		PP	PP	Ceramic	FV	PE ⅜" O.D.		PTFE		RPM-843	\$ 487
	948NI		PVC	PVC	Ceramic	-	PE ⅜" O.D.		PTFE/Polyprel®		RPM-842	\$ 388
	948SI		PVC	PVC	Ceramic	FV	PE ⅜" O.D.		PTFE/Polyprel®		RPM-842	\$ 475
	949NI		Acrylic	PVDF	PTFE	-	PE ⅜" O.D.		Polyprel®		RPM-939	\$ 410
	949SI		Acrylic	PVDF	PTFE	FV	PE ⅜" O.D.		Polyprel®		RPM-939	\$ 497
	947NP		316SS	316SS	316SS	-	¼" NPT		316SS/PTFE		RPM-947	\$ 624
	FastPrime™ Molded											
	842NI		PVDF	PVDF	Ceramic	-	PE ⅜" O.D.		PTFE/Polyprel®		RPM-842	\$ 319
	842SI		PVDF	PVDF	Ceramic	FV	PE ⅜" O.D.		PTFE/Polyprel®		RPM-842	\$ 406
	843NI		PVDF	PVDF	Ceramic	-	PE ⅜" O.D.		PTFE		RPM-843	\$ 367
	843SI		PVDF	PVDF	Ceramic	FV	PE ⅜" O.D.		PTFE		RPM-843	\$ 454
	848NI		PVC	PVC	Ceramic	-	PE ⅜" O.D.		PTFE/Polyprel®		RPM-842	\$ 269
	848SI		PVC	PVC	Ceramic	FV	PE ⅜" O.D.		PTFE/Polyprel®		RPM-842	\$ 356
	AutoPrime™ De-gas											
	A40AI		Acrylic	PVC	Ceramic	-	PE ⅜" O.D.		PTFE/Polyprel®		RPM-A40A	\$ 473
	A40HI		Acrylic	PVC	Ceramic	FV	PE ⅜" O.D.		PTFE/Polyprel®		RPM-A40A	\$ 590
	A48AI		PVC	PVC	Ceramic	-	PE ⅜" O.D.		PTFE/Polyprel®		RPM-A40A	\$ 464
	A48HI		PVC	PVC	Ceramic	FV	PE ⅜" O.D.		PTFE/Polyprel®		RPM-A40A	\$ 581
High Viscosity												
644VI		PP	PP	316SS	-	PE ½" OD / Vinyl 0.938" OD		PTFE		RPM-644	\$ 483	
644PI		PP	PP	316SS	-	PE ½" OD / Vinyl 0.938" OD		PTFE		RPM-644	\$ 514	
646VI		Acrylic	PP	316SS	-	PE ½" OD / Vinyl 0.938" OD		PTFE		RPM-646	\$ 480	
AD21	1	- 940NI										

RPM Kit	Price	Contents
FastPrime™		
RPM-842	\$ 168	*O Rings
RPM-843	\$ 202	*Shaft Seal
RPM-949	\$ 168	*Liquifram
RPM-947	\$ 324	*Check Valve Cartridges
		*Injection Valve Cartridge
AutoPrime™ De-gas		
RPM-A40A	\$ 212	*FastPrime or AutoPrime Cartridge
High Viscosity		
RPM-644	\$ 168	*Clamp Rings *Liquifram
RPM-646	\$ 168	*Seal Ring Seats *Balls, Springs
		*Shaft Seal



SERIES B METERING PUMPS



For support:



Control Codes

Key Features	B1	B7	B9
Stroke length manually adjustable	✓	✓	✓
Stroke frequency manually adjustable	✓	✓	✓
External control via pulse input		✓	✓
Manual/External mode selection		✓	✓
LCD and 4-key tactile keypad			✓
External control via 4-20mA			✓
Divide/Multiply incoming pulses			✓
Flow monitoring with alarm*			✓

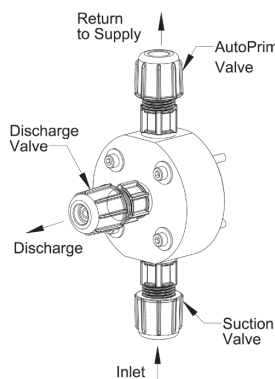
*Available with LMI Digi-Pulse™ Flow Monitor



MFV Multifunction Valve

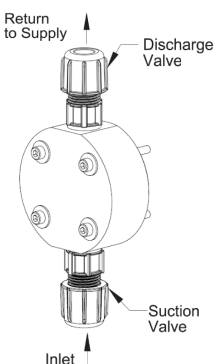
- This diaphragm type, anti-syphon/pressure relief valve is installed on the pump head.
- Can be oriented as required (360°) at precisely the desired position.
- Easier to use thanks to the more user-friendly design of the priming knobs and back pressure valve

Output Code	Max Output GPH	Max Output LPH	Max Pressure PSI	Max Pressure Bar
Series B with Liquipro™				
1	1.6	6.1	150	10.3
2	2.5	9.5	100	6.9
3	4.5	17.0	50	3.4
4	7.0	26.5	30	2.07
Series B with AutoPrime™				
1	1.4	5.3	150	10.3
2	2.3	8.7	100	6.9
3	4.0	15.1	50	3.4
4	6.8	25.7	30	2.07



AutoPrime™

Allows for the constant removal of vapors and gases present in applications like sodium hypochlorite and hydrogen peroxide.



Liquipro™

Standard Liquid End suitable for most applications

What's in the Box

Series B units include:						B9 units include:	
 Tube Connection Hardware						 4-pin Control Cable	
 Quick Start Guide						 8-pin Control Cable	
 Suction/Discharge Tubing							
 Injection Check Valve							
 Foot Valve							
 Ceramic Weight							

Note: Depending on the configuration of the LE, some of the items may not be included in the box.

SERIES B PUMP SELECTION AND PRICING

23

OUTPUT CODE 1

100 SPM Max.

Size Code 0.9

0.0 - 1.6 GPH (0.0 - 6.1 LPH); 150 psi (10.3 bar)

De-gas estimated at 0.00 to 1.4 GPH (0.00 to 5.3 LPH)

Bx1

Drive End										Price			
Control													
B11	Dual Manual Control									\$	1,022		
B71	Pulse Input w/ Dual Manual Control									\$	1,148		
B91	Pulse/Analog Input w/ Dual Manual Control - Advanced Features									\$	1,548		
	Power Code		Voltage		Frequency		Plug						
	1		110/120V		50-60 HZ		110 - 120V US Plug			\$	-		
	2		220/240V		50-60 HZ		220 - 240V US Plug			\$	-		
	3		220/240V		50-60 HZ		220 - 240V DIN Plug			\$	-		
	5		220/240V		50-60 HZ		220 - 240V UK Plug			\$	-		
	6		220/240V		50-60 HZ		220 - 240V Aust/NZ Plug			\$	-		
		Liquid End	Head	Fittings	Balls	Valve	Connections Suction/Discharge	Cartridge Valve or Seal Ring	RPM Kit		Pump Price		
											B11	B71	B91
	Liquipro™ Molded												
	392NI	PVDF	PVDF	Ceramic	-	PE ¾" O.D.	PVDF / Polyprel®	RPM-392/398	\$	329	1351	1477	1877
	392SI	PVDF	PVDF	Ceramic	FV	PE ¾" O.D.	PVDF / Polyprel®	RPM-392/398	\$	416	1438	1564	1964
	393NI	PVDF	PVDF	Ceramic	-	PE ¾" O.D.	PVDF / PTFE	RPM-393	\$	377	1399	1525	1925
	393SI	PVDF	PVDF	Ceramic	FV	PE ¾" O.D.	PVDF / PTFE	RPM-393	\$	464	1486	1612	2012
	398NI	PVC	PVC	Ceramic	-	PE ¾" O.D.	PVDF / Polyprel®	RPM-392/398	\$	277	1299	1425	1825
	398SI	PVC	PVC	Ceramic	FV	PE ¾" O.D.	PVDF / Polyprel®	RPM-392/398	\$	364	1386	1512	1912
	Liquipro™ Machined												
	490NI	Acrylic	PVC	Ceramic	-	PE ¾" O.D.	PVDF / Polyprel®	RPM-392/398	\$	406	1428	1554	1954
	490SI	Acrylic	PVC	Ceramic	FV	PE ¾" O.D.	PVDF / Polyprel®	RPM-392/398	\$	493	1515	1641	2041
	495NI	PP	PP	Ceramic	-	PE ¾" O.D.	PTFE	RPM-495	\$	409	1431	1557	1957
	495SI	PP	PP	Ceramic	FV	PE ¾" O.D.	PTFE	RPM-495	\$	496	1518	1644	2044
	498NI	PVC	PVC	Ceramic	-	PE ¾" O.D.	PVDF / Polyprel®	RPM-392/398	\$	397	1419	1545	1945
	498SI	PVC	PVC	Ceramic	FV	PE ¾" O.D.	PVDF / Polyprel®	RPM-392/398	\$	484	1506	1632	2032
	499NI	Acrylic	PVDF	PTFE	-	PE ¾" O.D.	PVDF / Polyprel®	RPM-490F	\$	421	1443	1569	1969
	499SI	Acrylic	PVDF	PTFE	FV	PE ¾" O.D.	PVDF / Polyprel®	RPM-490F	\$	508	1530	1656	2056
	Legacy LMI												
	85HV	PP	PP	316SS	-	PE ½" OD / Vinyl 0.938" OD	PTFE	SP-85HV	\$	507	1529	1655	2055
	86HV	Acrylic	PP	316SS	-	PE ½" OD / Vinyl 0.938" OD	FKM	SP-86	\$	507	1529	1655	2055
	297	316SS	316SS	316SS	-	Pipe 1/4" NPT M	316SS	-	\$	638	1660	1786	2186
	Liquipro™ De-gas												
	D90AI	Acrylic	PVC	Ceramic	-	PE ¾" O.D.	Polyprel®	RPM-D98	\$	484	1506	1632	2032
	D90HI	Acrylic	PVC	Ceramic	FV	PE ¾" O.D.	Polyprel®	RPM-D98	\$	601	1623	1749	2149
	D98AI	PVC	PVC	Ceramic	-	PE ¾" O.D.	Polyprel®	RPM-D98	\$	475	1497	1623	2023
	D98HI	PVC	PVC	Ceramic	FV	PE ¾" O.D.	Polyprel®	RPM-D98	\$	592	1614	1740	2140
B11	1	- 392NI											

RPM Kit	Price	Contents	
Liquipro™			
RPM-392/398	\$ 157	*O-Rings	*Hardware kit
		*Shaft Seal	*Liquifram
RPM-393	\$ 179	*Check Valve	*Injection Valve
RPM-495	\$ 163	Cartridges	Cartridge
RPM-490F	\$ 163		
LMI			
SP-85HV	\$ 179	*Shaft Seal	*Liquifram
		*Seal Ring Seats	*Clamp rings
SP-86	\$ 168	*Balls & springs	
Liquipro™ De-gas			
RPM-D98	\$ 190	*O Rings	*Check Valve Cartridges
		*Shaft Seal	*Injection Valve Cartridge
		*Liquifram	*AutoPrime Cartridge



SERIES B PUMP SELECTION AND PRICING

24

OUTPUT CODE 2

100 SPM Max.

Size Code 0.9

0.0 - 2.5 GPH (0.0 - 9.5 LPH); 100 psi (6.9 bar)

De-gas estimated at 0.00 to 2.3 GPH (0.00 to 8.7 LPH)

Bx2

Drive End										Price			
Control													
B12 Dual Manual Control										\$ 1,022			
B72 Pulse Input w/ Dual Manual Control										\$ 1,148			
B92 Pulse/Analog Input w/ Dual Manual Control - Advanced Features										\$ 1,548			
	Power Code		Voltage		Frequency		Plug						
	1		110/120V		50-60 HZ		110 - 120V US Plug			\$ -			
	2		220/240V		50-60 HZ		220 - 240V US Plug			\$ -			
	3		220/240V		50-60 HZ		220 - 240V DIN Plug			\$ -			
	5		220/240V		50-60 HZ		220 - 240V UK Plug			\$ -			
	6		220/240V		50-60 HZ		220 - 240V Aust/NZ Plug			\$ -			
		Liquid End	Head	Fittings	Balls	Valve	Connections Suction/Discharge	Cartridge Valve or Seal Ring	RPM Kit	Pump Price			
		B12	B72	B92									
		Liquipro™ Molded											
		392NI	PVDF	PVDF	Ceramic	-	PE ¾" O.D.	PVDF / Polyprel®	RPM-392/398	\$ 329	1351	1477	1877
		392SI	PVDF	PVDF	Ceramic	FV	PE ¾" O.D.	PVDF / Polyprel®	RPM-392/398	\$ 416	1438	1564	1964
		393NI	PVDF	PVDF	Ceramic	-	PE ¾" O.D.	PVDF / PTFE	RPM-393	\$ 377	1399	1525	1925
		393SI	PVDF	PVDF	Ceramic	FV	PE ¾" O.D.	PVDF / PTFE	RPM-393	\$ 464	1486	1612	2012
		398NI	PVC	PVC	Ceramic	-	PE ¾" O.D.	PVDF / Polyprel®	RPM-392/398	\$ 277	1299	1425	1825
		398SI	PVC	PVC	Ceramic	FV	PE ¾" O.D.	PVDF / Polyprel®	RPM-392/398	\$ 364	1386	1512	1912
		Liquipro™ Machined											
		490NI	Acrylic	PVC	Ceramic	-	PE ¾" O.D.	PVDF / Polyprel®	RPM-392/398	\$ 406	1428	1554	1954
		490SI	Acrylic	PVC	Ceramic	FV	PE ¾" O.D.	PVDF / Polyprel®	RPM-392/398	\$ 493	1515	1641	2041
		495NI	PP	PP	Ceramic	-	PE ¾" O.D.	PTFE	RPM-495	\$ 409	1431	1557	1957
		495SI	PP	PP	Ceramic	FV	PE ¾" O.D.	PTFE	RPM-495	\$ 496	1518	1644	2044
		498NI	PVC	PVC	Ceramic	-	PE ¾" O.D.	PVDF / Polyprel®	RPM-392/398	\$ 397	1419	1545	1945
		498SI	PVC	PVC	Ceramic	FV	PE ¾" O.D.	PVDF / Polyprel®	RPM-392/398	\$ 484	1506	1632	2032
		499NI	Acrylic	PVDF	PTFE	-	PE ¾" O.D.	PVDF / Polyprel®	RPM-490F	\$ 421	1443	1569	1969
		499SI	Acrylic	PVDF	PTFE	FV	PE ¾" O.D.	PVDF / Polyprel®	RPM-490F	\$ 508	1530	1656	2056
		Legacy LMI											
		85HV	PP	PP	316SS	-	PE ½" OD / Vinyl 0.938" OD	PTFE	SP-85HV	\$ 507	1529	1655	2055
		86HV	Acrylic	PP	316SS	-	PE ½" OD / Vinyl 0.938" OD	FKM	SP-86	\$ 507	1529	1655	2055
		297	316SS	316SS	316SS	-	Pipe ¼ NPT M	316SS	-	\$ 638	1660	1786	2186
		Liquipro™ De-gas											
		D90AI	Acrylic	PVC	Ceramic	-	PE ¾" O.D.	Polyprel®	RPM-D98	\$ 484	1506	1632	2032
		D90HI	Acrylic	PVC	Ceramic	FV	PE ¾" O.D.	Polyprel®	RPM-D98	\$ 601	1623	1749	2149
		D98AI	PVC	PVC	Ceramic	-	PE ¾" O.D.	Polyprel®	RPM-D98	\$ 475	1497	1623	2023
		D98HI	PVC	PVC	Ceramic	FV	PE ¾" O.D.	Polyprel®	RPM-D98	\$ 592	1614	1740	2140
B11		1	- 392NI										

RPM Kit	Price	Contents	
Liquipro™			
RPM-392/398	\$ 157	*O-Rings	*Hardware kit
		*Shaft Seal	*Liquifram
RPM-393	\$ 179	*Check Valve	*Injection Valve
RPM-495	\$ 163	Cartridges	Cartridge
RPM-490F	\$ 163		
LMI			
SP-85HV	\$ 179	*Shaft Seal	*Liquifram
		*Seal Ring Seats	*Clamp rings
SP-86	\$ 168	*Balls & springs	
Liquipro™ De-gas			
RPM-D98	\$ 190	*O Rings	*Check Valve Cartridges
		*Shaft Seal	*Injection Valve Cartridge
		*Liquifram	*AutoPrime Cartridge



SERIES B PUMP SELECTION AND PRICING

25

OUTPUT CODE 3

100 SPM Max.

Size Code 1.8

0.0 - 4.5 GPH (0.0 - 17 LPH); 50 psi (3.4 bar)

De-gas estimated at 0.00 to 4.0 GPH (0.00 to 15.1 LPH)

Bx3

Drive End										Price				
Control														
B13 Dual Manual Control										\$	1,022			
B73 Pulse Input w/ Dual Manual Control										\$	1,148			
B93 Pulse/Analog Input w/ Dual Manual Control - Advanced Features										\$	1,548			
	Power Code		Voltage		Frequency		Plug							
	1		110/120V		50-60 HZ		110 - 120V US Plug			\$	-			
	2		220/240V		50-60 HZ		220 - 240V US Plug			\$	-			
	3		220/240V		50-60 HZ		220 - 240V DIN Plug			\$	-			
	5		220/240V		50-60 HZ		220 - 240V UK Plug			\$	-			
	6		220/240V		50-60 HZ		220 - 240V Aust/NZ Plug			\$	-			
		Liquid End	Head	Fittings	Balls	Valve	Connections Suction/Discharge	Cartridge Valve or Seal Ring	RPM Kit		Pump Price			
											B13	B73	B93	
	Liquipro™ Molded													
	362NI	PVDF		PVDF	Ceramic	-	PE ¾" O.D.	PVDF / Polyprel®	RPM-362/368	\$	329	1351	1477	1877
	362SI	PVDF		PVDF	Ceramic	FV	PE ¾" O.D.	PVDF / Polyprel®	RPM-362/368	\$	416	1438	1564	1964
	363NI	PVDF		PVDF	Ceramic	-	PE ¾" O.D.	PVDF / PTFE	RPM-363	\$	377	1399	1525	1925
	363SI	PVDF		PVDF	Ceramic	FV	PE ¾" O.D.	PVDF / PTFE	RPM-363	\$	464	1486	1612	2012
	368NI	PVC		PVC	Ceramic	-	PE ¾" O.D.	PVDF / Polyprel®	RPM-362/368	\$	277	1299	1425	1825
	368SI	PVC		PVC	Ceramic	FV	PE ¾" O.D.	PVDF / Polyprel®	RPM-362/368	\$	364	1386	1512	1912
	Liquipro™ Machined													
	460NI	Acrylic		PVC	Ceramic	-	PE ¾" O.D.	PVDF / Polyprel®	RPM-362/368	\$	406	1428	1554	1954
	460SI	Acrylic		PVC	Ceramic	FV	PE ¾" O.D.	PVDF / Polyprel®	RPM-362/368	\$	493	1515	1641	2041
	465NI	PP		PP	Ceramic	-	PE ¾" O.D.	PTFE	RPM-465	\$	409	1431	1557	1957
	465SI	PP		PP	Ceramic	FV	PE ¾" O.D.	PTFE	RPM-465	\$	496	1518	1644	2044
	468NI	PVC		PVC	Ceramic	-	PE ¾" O.D.	PVDF / Polyprel®	RPM-362/368	\$	397	1419	1545	1945
	468SI	PVC		PVC	Ceramic	FV	PE ¾" O.D.	PVDF / Polyprel®	RPM-362/368	\$	484	1506	1632	2032
	469NI	Acrylic		PVDF	PTFE	-	PE ¾" O.D.	PVDF / Polyprel®	RPM-460F	\$	421	1443	1569	1969
	469SI	Acrylic		PVDF	PTFE	FV	PE ¾" O.D.	PVDF / Polyprel®	RPM-460F	\$	508	1530	1656	2056
	Legacy LMI													
	75HV	PP		PP	316SS	-	PE ½" OD / Vinyl 0.938" OD	PTFE	SP-75HV	\$	507	1529	1655	2055
	76HV	Acrylic		PP	316SS	-	PE ½" OD / Vinyl 0.938" OD	FKM	SP-76	\$	507	1529	1655	2055
	277	316SS		316SS	316SS	-	Pipe ¼ NPT M	316SS	-	\$	638	1660	1786	2186
	Liquipro™ De-gas													
	D60AI	Acrylic		PVC	Ceramic	-	PE ¾" O.D.	Polyprel®	RPM-D68	\$	484	1506	1632	2032
	D60HI	Acrylic		PVC	Ceramic	FV	PE ¾" O.D.	Polyprel®	RPM-D68	\$	601	1623	1749	2149
	D68AI	PVC		PVC	Ceramic	-	PE ¾" O.D.	Polyprel®	RPM-D68	\$	475	1497	1623	2023
	D68HI	PVC		PVC	Ceramic	FV	PE ¾" O.D.	Polyprel®	RPM-D68	\$	592	1614	1740	2140
B13	1	- 362NI												

RPM Kit	Price	Contents	
Liquipro™			
RPM-362/368	\$ 163	*O-Rings	*Hardware kit
RPM-363	\$ 190	*Shaft Seal	*Liquifram
RPM-465	\$ 173	*Check Valve	*Injection Valve
RPM-460F	\$ 173	Cartridges	Cartridge
LMI			
SP-75HV	\$ 179	*Shaft Seal	*Liquifram
SP-76	\$ 168	*Seal Ring Seats	*Clamp rings
		*Balls & springs	
Liquipro™ De-gas			
RPM-D68	\$ 202	*O Rings	*Check Valve Cartridges
		*Shaft Seal	*Injection Valve Cartridge
		*Liquifram	*AutoPrime Cartridge



SERIES B PUMP SELECTION AND PRICING

26

OUTPUT CODE 4

100 SPM Max.

Size Code 3.0

0.0 - 7.0 GPH (0.0 - 26.5 LPH); 30 psi (2.07 bar)

De-gas estimated at 0.00 to 6.8 GPH (0.00 to 25.7 LPH)

Bx4

Drive End									Price				
Control													
B14	Dual Manual Control								\$	1,092			
B74	Pulse Input w/ Dual Manual Control								\$	1,218			
B94	Pulse/Analog Input w/ Dual Manual Control - Advanced Features								\$	1,618			
	Power Code		Voltage		Frequency		Plug						
	1		110/120V		50-60 HZ		110 - 120V US Plug		\$	-			
	2		220/240V		50-60 HZ		220 - 240V US Plug		\$	-			
	3		220/240V		50-60 HZ		220 - 240V DIN Plug		\$	-			
	5		220/240V		50-60 HZ		220 - 240V UK Plug		\$	-			
	6		220/240V		50-60 HZ		220 - 240V Aust/NZ Plug		\$	-			
	Liquid End		Head	Fittings	Balls	Valve	Connections Suction/Discharge	Cartridge Valve or Seal Ring	RPM Kit	Pump Price			
										B14	B74	B94	
	Liquipro™ Molded												
	312NI	PVDF	PVDF	Ceramic	-	PE ½" O.D.	PVDF / Polyprel®	RPM-312/318	\$	458	1550	1676	2076
	312SI	PVDF	PVDF	Ceramic	FV	PE ½" O.D.	PVDF / Polyprel®	RPM-312/318	\$	545	1637	1763	2163
	313NI	PVDF	PVDF	Ceramic	-	PE ½" O.D.	PVDF / PTFE	RPM-313	\$	506	1598	1724	2124
	313SI	PVDF	PVDF	Ceramic	FV	PE ½" O.D.	PVDF / PTFE	RPM-313	\$	593	1685	1811	2211
	318NI	PVC	PVC	Ceramic	-	PE ½" O.D.	PVDF / Polyprel®	RPM-312/318	\$	406	1498	1624	2024
	318SI	PVC	PVC	Ceramic	FV	PE ½" O.D.	PVDF / Polyprel®	RPM-312/318	\$	493	1585	1711	2111
	Liquipro™ Machined												
	410NI	Acrylic	PVC	Ceramic	-	PE ½" O.D.	PVDF / Polyprel®	RPM-312/318	\$	535	1627	1753	2153
	410SI	Acrylic	PVC	Ceramic	FV	PE ½" O.D.	PVDF / Polyprel®	RPM-312/318	\$	622	1714	1840	2240
	415NI	PP	PP	Ceramic	-	PE ½" O.D.	PTFE	RPM-415	\$	538	1630	1756	2156
	415SI	PP	PP	Ceramic	FV	PE ½" O.D.	PTFE	RPM-415	\$	625	1717	1843	2243
	418NI	PVC	PVC	Ceramic	-	PE ½" O.D.	PVDF / Polyprel®	RPM-312/318	\$	526	1618	1744	2144
	418SI	PVC	PVC	Ceramic	FV	PE ½" O.D.	PVDF / Polyprel®	RPM-312/318	\$	613	1705	1831	2231
	419NI	Acrylic	PVDF	PTFE	-	PE ½" O.D.	PVDF / Polyprel®	RPM-410F	\$	550	1642	1768	2168
	419SI	Acrylic	PVDF	PTFE	FV	PE ½" O.D.	PVDF / Polyprel®	RPM-410F	\$	637	1729	1855	2255
	Legacy LMI												
	217	316SS	316SS	316SS	-	Pipe ¼" NPT M	316SS	-	\$	767	1859	1985	2385
	Liquipro™ De-gas												
D10AI	Acrylic	PVC	Ceramic	-	PE ½" O.D.	Polyprel®	RPM-D98	\$	613	1705	1831	2231	
D10HI	Acrylic	PVC	Ceramic	FV	PE ½" O.D.	Polyprel®	RPM-D98	\$	730	1822	1948	2348	
D18AI	PVC	PVC	Ceramic	-	PE ½" O.D.	Polyprel®	RPM-D98	\$	604	1696	1822	2222	
D18HI	PVC	PVC	Ceramic	FV	PE ½" O.D.	Polyprel®	RPM-D98	\$	721	1813	1939	2339	
B13	1	- 312NI											

RPM Kit	Price	Contents
Liquipro™		
RPM-312/318	\$ 168	*O-Rings *Shaft Seal
RPM-313	\$ 202	*Check Valve Cartridges
RPM-415	\$ 185	*Hardware kit
RPM-410F	\$ 185	*Liquifram *Injection Valve Cartridge
Liquipro™ De-gas		
RPM-D18	\$ 212	*O Rings *Check Valve Cartridges *Shaft Seal *Injection Valve Cartridge *Liquifram *AutoPrime Cartridge

NOTE: Liquipro™ Liquid Ends use 3/8" diameter valve balls. Pump output may be reduced in some applications.

SERIES C METERING PUMPS



For support:



Control Codes

Key Features	C1	C7	C9
Stroke length manually adjustable	✓	✓	✓
Stroke frequency manually adjustable	✓	✓	✓
External control via pulse input		✓	✓
Manual/External mode selection		✓	✓
LCD and 4-key tactile keypad			✓
External control via 4-20mA			✓
Divide/Multiply incoming pulses			✓
Flow monitoring with alarm*			✓

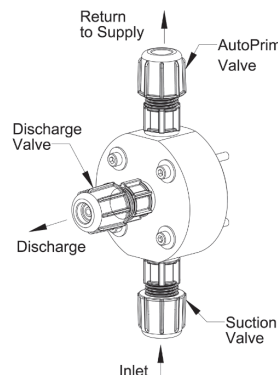
*Available with LMI Digi-Pulse™ Flow Monitor



MFV Multifunction Valve

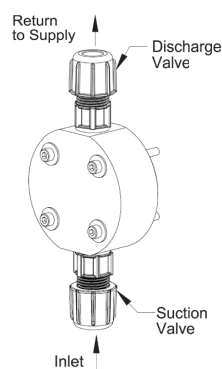
- This diaphragm type, anti-syphon/pressure relief valve is installed on the pump head.
- Can be oriented as required (360°) at precisely the desired position.
- Easier to use thanks to the more user-friendly design of the priming knobs and back pressure valve

Output Code	Max Output GPH	Max Output LPH	Max Pressure PSI	Max Pressure Bar
Series C with Liquipro™				
0	1.3	4.9	300	20.7
1	2.5	9.5	150	10.3
2	4.0	15.1	100	6.9
3	8.0	30.3	60	4.1
4	20.0	75.7	25	1.7
6	4.0	15.1	175	12.1
7	10.0	38.0	80	5.5
8	25.0	95.0	30	2.07
Series C with AutoPrime™				
1	2.3	8.7	150	10.3
2	3.8	14.4	100	6.9
3	7.8	29.5	60	4.1



AutoPrime™

Allows for the constant removal of vapors and gases present in applications like sodium hypochlorite and hydrogen peroxide.



Liquipro™

Standard Liquid End suitable for most applications

What's in the Box

Series C units include:



Tube Connection Hardware



Quick Start Guide



Suction/Discharge Tubing



Injection Check Valve



Foot Valve



Ceramic Weight

C9 units include:

Certain C7 units include:



4-pin Control Cable



8-pin Control Cable

Note: Depending on the configuration of the LE, some of the items may not be included in the box.

SERIES C PUMP SELECTION AND PRICING

28

OUTPUT CODE 0

100 SPM Max.

Size Code 0.9

0.0 - 1.3 GPH (0.0 - 4.9 LPH); 300 psi (20.7 bar)

Cx0									
Drive End									Price
Control									
C10	Dual Manual Control								\$ 1,456
C70	Pulse Input w/ Dual Manual Control								\$ 1,575
C90	Pulse/Analog Input w/ Dual Manual Control - Advanced Features								\$ 1,989
	Power Code	Voltage		Frequency		Plug			
	1	110/120V		50-60 HZ		110 - 120V US Plug			
	2	220/240V		50-60 HZ		220 - 240V US Plug			
	3	220/240V		50-60 HZ		220 - 240V DIN Plug			
	5	220/240V		50-60 HZ		220 - 240V UK Plug			
	6	220/240V		50-60 HZ		220 - 240V Aust/NZ Plug			
	Liquid End	Valve	Head	Fittings	Balls	Seal Ring	Tubing & Connections	RPM Kit	Pump Price
	Liquipro™ Machine								
	498SP	FV	PVC	PVC	Ceramic	PVDF/Polyprel®	Pipe ½" NPT M	RPM-392/398	\$ 484
	Legacy LMI								
	297	-	316SS	316SS	316SS	316SS	Pipe ¼" NPT M	-	\$ 638
C10	1	-498SP							

Pump Price		
C10	C70	C90
1940	2059	2473
2094	2213	2627

RPM Kit	Price	Contents
Liquipro™		*O-Rings
RPM-392/398	\$ 157	*Shaft Seal
		*Check Valve Cartridges
		*Hardware kit
		*Liquifram



SERIES C PUMP SELECTION AND PRICING

29

OUTPUT CODE 1

100 SPM Max.

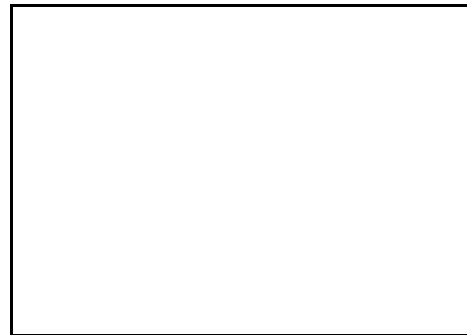
Size Code 1.8

0.0 - 2.5 GPH (0.0 - 9.5 LPH); 150 psi (10.3 bar)

De-gas estimated at 0.00 to 2.3 GPH (0.00 to 8.7 LPH)

Cx1														
Drive End										Price				
Control														
C11 Dual Manual Control										\$	1,456			
C71 Pulse Input w/ Dual Manual Control										\$	1,575			
C91 Pulse/Analog Input w/ Dual Manual Control - Advanced Features										\$	1,989			
	Power Code		Voltage		Frequency		Plug							
	1		110/120V		50-60 HZ		110 - 120V US Plug		\$	-				
	2		220/240V		50-60 HZ		220 - 240V US Plug		\$	-				
	3		220/240V		50-60 HZ		220 - 240V DIN Plug		\$	-				
	5		220/240V		50-60 HZ		220 - 240V UK Plug		\$	-				
	6		220/240V		50-60 HZ		220 - 240V Aust/NZ Plug		\$	-				
		Liquid End	Head	Fittings	Balls	Valve	Connections Suction/Discharge	Cartridge Valve or Seal Ring	RPM Kit			Pump Price		
												C11	C71	C91
	Liquipro™ Molded													
	362NI	PVDF	PVDF	Ceramic	-	PE ¾" O.D.	PVDF / Polyprel®	RPM-362/368	\$	329	1785	1904	2318	
	362SI	PVDF	PVDF	Ceramic	FV	PE ¾" O.D.	PVDF / Polyprel®	RPM-362/368	\$	416	1872	1991	2405	
	363NI	PVDF	PVDF	Ceramic	-	PE ¾" O.D.	PVDF / PTFE	RPM-363	\$	377	1833	1952	2366	
	363SI	PVDF	PVDF	Ceramic	FV	PE ¾" O.D.	PVDF / PTFE	RPM-363	\$	464	1920	2039	2453	
	368NI	PVC	PVC	Ceramic	-	PE ¾" O.D.	PVDF/ Polyprel®	RPM-362/368	\$	277	1733	1852	2266	
	368SI	PVC	PVC	Ceramic	FV	PE ¾" O.D.	PVDF/ Polyprel®	RPM-362/368	\$	364	1820	1939	2353	
	Liquipro™ Machined													
	460NI	Acrylic	PVC	Ceramic	-	PE ¾" O.D.	PVDF/ Polyprel®	RPM-362/368	\$	406	1862	1981	2395	
	460SI	Acrylic	PVC	Ceramic	FV	PE ¾" O.D.	PVDF/ Polyprel®	RPM-362/368	\$	493	1949	2068	2482	
	465NI	PP	PP	Ceramic	-	PE ¾" O.D.	PTFE	RPM-465	\$	409	1865	1984	2398	
	465SI	PP	PP	Ceramic	FV	PE ¾" O.D.	PTFE	RPM-465	\$	496	1952	2071	2485	
	468NI	PVC	PVC	Ceramic	-	PE ¾" O.D.	PVDF/ Polyprel®	RPM-362/368	\$	397	1853	1972	2386	
	468SI	PVC	PVC	Ceramic	FV	PE ¾" O.D.	PVDF/ Polyprel®	RPM-362/368	\$	484	1940	2059	2473	
	469NI	Acrylic	PVDF	PTFE	-	PE ¾" O.D.	PVDF/ Polyprel®	RPM-460F	\$	421	1877	1996	2410	
	469SI	Acrylic	PVDF	PTFE	FV	PE ¾" O.D.	PVDF/ Polyprel®	RPM-460F	\$	508	1964	2083	2497	
	Legacy LMI													
	75HV	PP	PP	316SS	-	PE ½" OD / Vinyl 0.938" OD	PTFE	SP-75HV	\$	507	1963	2082	2496	
	76HV	Acrylic	PP	316SS	-	PE ½" OD / Vinyl 0.938" OD	FKM	SP-76	\$	507	1963	2082	2496	
	277	316SS	316SS	316SS	-	Pipe ¾" NPT M	316SS	-	\$	638	2094	2213	2627	
	Liquipro™ De-gas													
	D60AI	Acrylic	PVC	Ceramic	-	PE ¾" O.D.	Polyprel®	RPM-D68	\$	484	1940	2059	2473	
	D60HI	Acrylic	PVC	Ceramic	FV	PE ¾" O.D.	Polyprel®	RPM-D68	\$	601	2057	2176	2590	
	D68AI	PVC	PVC	Ceramic	-	PE ¾" O.D.	Polyprel®	RPM-D68	\$	475	1931	2050	2464	
D68HI	PVC	PVC	Ceramic	FV	PE ¾" O.D.	Polyprel®	RPM-D68	\$	592	2048	2167	2581		
C11	1	-362SI												

RPM Kit	Price	Contents
Liquipro™		
RPM-362/368	\$ 163	*O-Rings
RPM-363	\$ 190	*Shaft Seal
RPM-465	\$ 173	*Check Valve Cartridges
RPM-460F	\$ 173	*Hardware kit
		*Liquifram
Legacy LMI		
SP-75HV	\$ 179	*Shaft Seal
SP-76	\$ 168	*Seal Ring Seats
		*Balls & springs
		*Liquifram
		*Clamp rings
Liquipro™ De-gas		
RPM-D68	\$ 202	*O Rings
		*Check Valve Cartridges
		*Shaft Seal
		*Injection Valve Cartridge
		*Liquifram
		*AutoPrime Cartridge



SERIES C PUMP SELECTION AND PRICING

30

OUTPUT CODE 2

100 SPM Max.

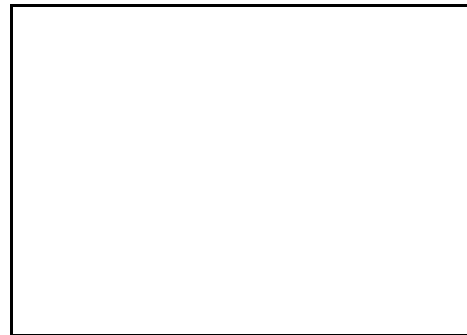
Size Code 1.8

0.0 - 4.0 GPH (0.0 - 15.1 LPH); 100 psi (6.9 bar)

De-gas estimated at 0.00 to 3.8 GPH (0.00 to 14.4 LPH)

Cx2												
Drive End										Price		
Control												
C12 Dual Manual Control										\$	1,456	
C72 Pulse Input w/ Dual Manual Control										\$	1,575	
C92 Pulse/Analog Input w/ Dual Manual Control - Advanced Features										\$	1,989	
Power Code	Voltage	Frequency	Plug									
1	110/120V	50-60 HZ	110 - 120V US Plug									
2	220/240V	50-60 HZ	220 - 240V US Plug									
3	220/240V	50-60 HZ	220 - 240V DIN Plug									
5	220/240V	50-60 HZ	220 - 240V UK Plug									
6	220/240V	50-60 HZ	220 - 240V Aust/NZ Plug									
Liquid End	Head	Fittings	Balls	Valve	Connections Suction/Discharge	Cartridge Valve or Seal Ring	RPM Kit					
Liquipro™ Molded								Pump Price				
								C12	C72	C92		
362NI	PVDF	PVDF	Ceramic	-	PE ¾" O.D.	PVDF / Polyprel®	RPM-362/368	\$	329	1785	1904	2318
362SI	PVDF	PVDF	Ceramic	FV	PE ¾" O.D.	PVDF / Polyprel®	RPM-362/368	\$	416	1872	1991	2405
363NI	PVDF	PVDF	Ceramic	-	PE ¾" O.D.	PVDF / PTFE	RPM-363	\$	377	1833	1952	2366
363SI	PVDF	PVDF	Ceramic	FV	PE ¾" O.D.	PVDF / PTFE	RPM-363	\$	464	1920	2039	2453
368NI	PVC	PVC	Ceramic	-	PE ¾" O.D.	PVDF / Polyprel®	RPM-362/368	\$	277	1733	1852	2266
368SI	PVC	PVC	Ceramic	FV	PE ¾" O.D.	PVDF / Polyprel®	RPM-362/368	\$	364	1820	1939	2353
Liquipro™ Machined												
460NI	Acrylic	PVC	Ceramic	-	PE ¾" O.D.	PVDF / Polyprel®	RPM-362/368	\$	406	1862	1981	2395
460SI	Acrylic	PVC	Ceramic	FV	PE ¾" O.D.	PVDF / Polyprel®	RPM-362/368	\$	493	1949	2068	2482
465NI	PP	PP	Ceramic	-	PE ¾" O.D.	PTFE	RPM-465	\$	409	1865	1984	2398
465SI	PP	PP	Ceramic	FV	PE ¾" O.D.	PTFE	RPM-465	\$	496	1952	2071	2485
468NI	PVC	PVC	Ceramic	-	PE ¾" O.D.	PVDF / Polyprel®	RPM-362/368	\$	397	1853	1972	2386
468SI	PVC	PVC	Ceramic	FV	PE ¾" O.D.	PVDF / Polyprel®	RPM-362/368	\$	484	1940	2059	2473
469NI	Acrylic	PVDF	PTFE	-	PE ¾" O.D.	PVDF / Polyprel®	RPM-460F	\$	421	1877	1996	2410
469SI	Acrylic	PVDF	PTFE	FV	PE ¾" O.D.	PVDF / Polyprel®	RPM-460F	\$	508	1964	2083	2497
Legacy LMI												
75HV	PP	PP	316SS	-	PE ½" OD / Vinyl 0.938" OD	PTFE	SP-75HV	\$	507	1963	2082	2496
76HV	Acrylic	PP	316SS	-	PE ½" OD / Vinyl 0.938" OD	FKM	SP-76	\$	507	1963	2082	2496
277	316SS	316SS	316SS	-	Pipe 1/4" NPT M	316SS	-	\$	638	2094	2213	2627
Liquipro™ De-gas												
D60AI	Acrylic	PVC	Ceramic	-	PE ¾" O.D.	Polyprel®	RPM-D68	\$	484	1940	2059	2473
D60HI	Acrylic	PVC	Ceramic	FV	PE ¾" O.D.	Polyprel®	RPM-D68	\$	601	2057	2176	2590
D68AI	PVC	PVC	Ceramic	-	PE ¾" O.D.	Polyprel®	RPM-D68	\$	475	1931	2050	2464
D68HI	PVC	PVC	Ceramic	FV	PE ¾" O.D.	Polyprel®	RPM-D68	\$	592	2048	2167	2581
C11	1	-362SI										

RPM Kit	Price	Contents
Liquipro™		
RPM-362/368	\$ 163	*O-Rings
RPM-363	\$ 190	*Shaft Seal
RPM-465	\$ 173	*Check Valve Cartridges
RPM-460F	\$ 173	*Hardware kit
		*Liquifram
Legacy LMI		
SP-75HV	\$ 179	*Shaft Seal
SP-76	\$ 168	*Seal Ring Seats
		*Balls & springs
Liquipro™ De-gas		
RPM-D68	\$ 202	*O Rings
		*Check Valve Cartridges
		*Shaft Seal
		*Injection Valve Cartridge
		*Liquifram
		*AutoPrime Cartridge



SERIES C PUMP SELECTION AND PRICING

31

OUTPUT CODE 3

100 SPM Max.

Size Code 3.0

0.0 - 8.0 GPH (0.0 - 30.3 LPH); 60 psi (4.1 bar)

De-gas estimated at 0.00 to 7.8 GPH (0.00 to 29.5 LPH)

Cx3											
Drive End									Price		
Control											
C13 Dual Manual Control									\$ 1,456		
C73 Pulse Input w/ Dual Manual Control									\$ 1,575		
C93 Pulse/Analog Input w/ Dual Manual Control - Advanced Features									\$ 1,989		
	Power Code		Voltage		Frequency		Plug				
	1		110/120V		50-60 HZ		110 - 120V US Plug		\$ -		
	2		220/240V		50-60 HZ		220 - 240V US Plug		\$ -		
	3		220/240V		50-60 HZ		220 - 240V DIN Plug		\$ -		
	5		220/240V		50-60 HZ		220 - 240V UK Plug		\$ -		
	6		220/240V		50-60 HZ		220 - 240V Aust/NZ Plug		\$ -		
		Liquid End	Head	Fittings	Balls	Valve	Connections Suction/Discharge	Cartridge Valve or Seal Ring	RPM Kit		
	Liquipro™ Molded										
	312NI	PVDF	PVDF	Ceramic	-	PE ½" O.D.	PVDF / Polyprel®	RPM-312/318	\$ 458		
	312SI	PVDF	PVDF	Ceramic	FV	PE ½" O.D.	PVDF / Polyprel®	RPM-312/318	\$ 545		
	313NI	PVDF	PVDF	Ceramic	-	PE ½" O.D.	PVDF / PTFE	RPM-313	\$ 506		
	313SI	PVDF	PVDF	Ceramic	FV	PE ½" O.D.	PVDF / PTFE	RPM-313	\$ 593		
	318NI	PVC	PVC	Ceramic	-	PE ½" O.D.	PVDF/ Polyprel®	RPM-312/318	\$ 406		
	318SI	PVC	PVC	Ceramic	FV	PE ½" O.D.	PVDF/ Polyprel®	RPM-312/318	\$ 493		
	Liquipro™ Machined										
	410NI	Acrylic	PVC	Ceramic	-	PE ½" O.D.	PVDF/ Polyprel®	RPM-312/318	\$ 535		
	410SI	Acrylic	PVC	Ceramic	FV	PE ½" O.D.	PVDF/ Polyprel®	RPM-312/318	\$ 622		
	415NI	PP	PP	Ceramic	-	PE ½" O.D.	PTFE	RPM-415	\$ 538		
	415SI	PP	PP	Ceramic	FV	PE ½" O.D.	PTFE	RPM-415	\$ 625		
	418NI	PVC	PVC	Ceramic	-	PE ½" O.D.	PVDF/ Polyprel®	RPM-312/318	\$ 526		
	418SI	PVC	PVC	Ceramic	FV	PE ½" O.D.	PVDF/ Polyprel®	RPM-312/318	\$ 613		
	419NI	Acrylic	PVDF	PTFE	-	PE ½" O.D.	PVDF/ Polyprel®	RPM-410F	\$ 550		
	419SI	Acrylic	PVDF	PTFE	FV	PE ½" O.D.	PVDF/ Polyprel®	RPM-410F	\$ 637		
	Legacy LMI										
	20	Acrylic	PVC	Ceramic	-	PE ½" OD	FKM	SP-20	\$ 555		
	20HV	Acrylic	PP	316SS	-	PE ½" OD/Vinyl 0.938" OD	FKM	SP-20HV	\$ 666		
	20S	Acrylic	PVC	Ceramic	FV	PE ½" OD/Vinyl ½" OD	FKM	SP-20	\$ 689		
	24	PVC	PVC	Ceramic	-	Pipe ½" NPT M	PTFE	SP-U5	\$ 600		
	25HV	PP	316SS	316SS	-	PE ½" OD/Vinyl 0.938" OD	PTFE	SP-25HV	\$ 666		
	26	PVC	PVC	Ceramic	-	PE ½" OD	FKM	SP-26	\$ 549		
	26S	PVC	PVC	Ceramic	FV	PE ½" OD	FKM	SP-26	\$ 684		
	27	316SS	316SS	316SS	-	Pipe ½" NPT M	PTFE	SP-27	\$ 1,775		
	Liquipro™ De-gas										
	D10AI	Acrylic	PVC	Ceramic	-	PE ½" O.D.	Polyprel®	RPM-D18	\$ 613		
	D10HI	Acrylic	PVC	Ceramic	FV	PE ½" O.D.	Polyprel®	RPM-D18	\$ 730		
	D18AI	PVC	PVC	Ceramic	-	PE ½" O.D.	Polyprel®	RPM-D18	\$ 604		
	D18HI	PVC	PVC	Ceramic	FV	PE ½" O.D.	Polyprel®	RPM-D18	\$ 721		
	C13	1	- 312								

RPM Kit	Price	Contents
Legacy LMI		
SP-20	\$ 157	*Shaft Seal
SP-20HV	\$ 202	*Liquifram
SP-U5	\$ 235	*Seal Ring Seats
SP-25HV	\$ 202	*Clamp rings
SP-26	\$ 245	*Balls & spring or springs
SP-27	\$ 190	

RPM Kit	Price	Contents
Liquipro™		
RPM-312/318	\$ 168	*O-Rings *Hardware kit
RPM-313	\$ 202	*Shaft Seal *Liquifram
RPM-415	\$ 185	*Check Valve Cartridges
RPM-410F	\$ 185	
Liquipro™ De-gas		
RPM-D18	\$ 212	*Liquifram *O Rings *Shaft Seal *AutoPrime Cart *CV Cart. *Inj. Valve

SERIES C PUMP SELECTION AND PRICING

32

OUTPUT CODE 4

100 SPM Max.

Size Code 6.0

0.0 - 20 GPH (0.0 - 75.7 LPH); 25 psi (1.7 bar)

Cx4												
Drive End								Price				
Control												
C14 Dual Manual Control								\$	1,627			
C74 Pulse Input w/ Dual Manual Control								\$	1,746			
C94 Pulse/Analog Input w/ Dual Manual Control - Advanced Features								\$	2,160			
	Power Code		Voltage		Frequency		Plug					
	1		110/120V		50-60 HZ		110 - 120V US Plug		\$	-		
	2		220/240V		50-60 HZ		220 - 240V US Plug		\$	-		
	3		220/240V		50-60 HZ		220 - 240V DIN Plug		\$	-		
	5		220/240V		50-60 HZ		220 - 240V UK Plug		\$	-		
	6		220/240V		50-60 HZ		220 - 240V Aust/NZ Plug		\$	-		
		Liquid End	Head	Fittings	Balls	Seal Ring	Tubing & Connections Suction / Discharge		RPM Kit	Pump Price		
		Legacy LMI								C14	C74	C94
		30	Acrylic	PVC	Ceramic	PTFE	PE ½" O.D. / Vinyl ½" O.D.		SP-U6	\$	704	
		34	PVC	PVC	Ceramic	PTFE	Pipe ½" NPT M		SP-U6	\$	750	
		35P	PP	PP	Ceramic	PTFE	Pipe ½" NPT M		SP-U6	\$	789	
		35T	PP	PP	Ceramic	PTFE	PE ½" O.D.		SP-U6	\$	735	
		36	PVC	PVC	Ceramic	PTFE	PE ½" O.D.		SP-U6	\$	698	
		37	316SS	316SS	316SS	PTFE	Pipe ½" NPT M		SP-37	\$	1,970	
		C14	1	- 30								

RPM Kit	Price	Contents
Legacy LMI		
SP-U6	\$ 279	*Shaft Seal
SP-37	\$ 212	*Liquifram
		*Seal Ring Seats
		*Clamp rings
		*Balls & spring or springs

SERIES C PUMP SELECTION AND PRICING

33

OUTPUT CODE 6

100 SPM Max.

Size Code 1.8

0.0 - 4 GPH (0.0 - 15.1 LPH); 175 psi (12.1 bar)

C76									
Drive End									Price
Control									
C76 Pulse Input w/ Dual Manual Control									\$ 1,863
Power Code	Voltage	Frequency	Plug						
1	110/120V	50-60 HZ	110 - 120V US Plug						
2	220/240V	50-60 HZ	220 - 240V US Plug						
3	220/240V	50-60 HZ	220 - 240V DIN Plug						
5	220/240V	50-60 HZ	220 - 240V UK Plug						
6	220/240V	50-60 HZ	220 - 240V Aust/NZ Plug						
Liquid End	Head	Fittings	Balls	Cartridge or Seal Ring	Valve	Tubing & Connections Suction / Discharge	RPM Kit	Pump Price C76	
Liquipro™ Machined									
468SP	PVC	PVC	Ceramic	PVDF/Polyprel®	FV	½" NPT M	RPM-362/368	\$ 484	\$ 2,347
Legacy LMI									
277	316SS	316SS	316SS	PTFE	-	¼" NPT M	-	\$ 638	\$ 2,501
C76	1	-468SP							

RPM Kit	Price	Contents
Liquipro™		
RPM-362/368	\$ 163	*O-Rings *Shaft Seal *Check Valve Cartridges *Hardware kit *Liquifram

SERIES C PUMP SELECTION AND PRICING

34

OUTPUT CODE 7

100 SPM Max.

Size Code 3.0

0.0 - 10 GPH (0.0 - 38 LPH); 80 psi (5.5 bar)

C77

Drive End										Price
Control										
C77 Pulse Input w/ Dual Manual Control										\$ 1,863
Power Code	Voltage	Frequency	Plug							
1	110/120V	50-60 HZ	110 - 120V US Plug							\$ -
2	220/240V	50-60 HZ	220 - 240V US Plug							\$ -
3	220/240V	50-60 HZ	220 - 240V DIN Plug							\$ -
5	220/240V	50-60 HZ	220 - 240V UK Plug							\$ -
6	220/240V	50-60 HZ	220 - 240V Aust/NZ Plug							\$ -
Liquid End	Head	Fittings	Balls	Seal Ring	Valve	Tubing & Connections Suction / Discharge	RPM Kit			
Legacy LMI										Pump Price C77
20	Acrylic	PVC	Ceramic	FKM	-	PE ½" OD / Vinyl ½" OD	SP-20	\$ 555	\$	2,418
20HV	Acrylic	PP	316SS	FKM	-	PE ½" OD / Vinyl 0.938" OD	SP-20HV	\$ 666	\$	2,529
20S	Acrylic	PVC	Ceramic	FKM	FV	PE ½" OD / Vinyl ½" OD	SP-20	\$ 689	\$	2,552
24	PVC	PVC	Ceramic	PTFE	-	Pipe ½" NPT M	SP-U5	\$ 600	\$	2,463
25HV	PP	316SS	316SS	PTFE	-	PE ½" OD / Vinyl 0.938" OD	SP-25HV	\$ 666	\$	2,529
25P	PP	PP	Ceramic	PTFE		Pipe ½" NPT M	SP-U5	\$ 638	\$	2,501
25T	PP	PP	Ceramic	PTFE		PE ½" OD	SP-U5	\$ 507	\$	2,370
26	PVC	PVC	Ceramic	FKM	-	PE ½" OD	SP-26	\$ 549	\$	2,412
26S	PVC	PVC	Ceramic	FKM	FV	PE ½" OD	SP-26	\$ 684	\$	2,547
27	316SS	316SS	316SS	PTFE	-	Pipe ½" NPT M	SP-27	\$ 1,775	\$	3,638
C77	1	-20								

RPM Kit	Price	Contents
Legacy LMI		
SP-20	\$ 157	*Shaft Seal
SP-20HV	\$ 202	*Seal Ring Seats
SP-U5	\$ 235	*Liquifram
SP-25HV	\$ 202	*Clamp rings
SP-U5	\$ 235	*Balls & springs
SP-26	\$ 245	
SP-27	\$ 190	

SERIES C PUMP SELECTION AND PRICING

35

OUTPUT CODE 8

100 SPM Max.

Size Code 6.0

0.0 - 25 GPH (0.0 - 95 LPH); 30 psi (2.7 bar)

C78

Drive End								Price
Control								
C78 Pulse Input w/ Dual Manual Control								\$ 2,039
Power Code	Voltage	Frequency	Plug					
1	110V	50-60 HZ	110 - 120V US Plug					\$ -
2	220/240V	50-60 HZ	220 - 240V US Plug					\$ -
3	220/240V	50-60 HZ	220 - 240V DIN Plug					\$ -
5	220/240V	50-60 HZ	220 - 240V UK Plug					\$ -
6	220/240V	50-60 HZ	220 - 240V Aust/NZ Plug					\$ -
Liquid End	Head	Fittings	Balls	Seal Ring	Tubing & Connections Suction / Discharge	RPM Kit	Pump Price C78	
Legacy LMI								
30	Acrylic	PVC	Ceramic	PTFE	PE 0½" O.D	SP-U6	\$ 704	\$ 2,743
34	PVC	PVC	Ceramic	PTFE	Pipe 0½" NPT M	SP-U6	\$ 750	\$ 2,789
35P	PP	PP	Ceramic	PTFE	Pipe 0½" NPT M	SP-U6	\$ 789	\$ 2,828
35T	PP	PP	Ceramic	PTFE	PE 0½" O.D	SP-U6	\$ 735	\$ 2,774
36	PVC	PVC	Ceramic	PTFE	PE 0½" O.D	SP-U6	\$ 698	\$ 2,737
37	316SS	316SS	316SS	PTFE	Pipe 0½" NPT M	SP-37	\$ 1,970	\$ 4,009
C78	1	- 30						

RPM Kit	Price	Contents
Legacy LMI		*Shaft Seal
SP-U6	\$ 279	*Liquifram
SP-37	\$ 212	*Seal Ring Seats
		*Clamp rings
		*Balls & springs

SERIES E METERING PUMPS

Explosion Proof Pumps



For support:



Control Code

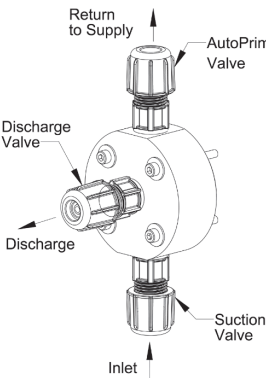
Key Features	E7
Stroke length manually adjustable	✓
Stroke frequency manually adjustable	✓
External control via pulse input	✓
Manual/External mode selection	✓



Multifunction Valve

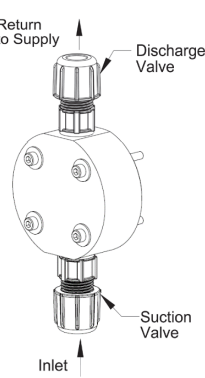
- This diaphragm type, anti-siphon/pressure relief valve is installed on the pump head.
- Can be oriented as required (360°) at precisely the desired position.
- Easier to use thanks to the more user-friendly design of the priming knobs and back pressure valve

Output Code	Max Output GPH	Max Output LPH	Max Pressure PSI	Max Pressure Bar
Series E with Liquipro™				
0	1.3	4.9	300	20.7
1	2.5	9.5	150	10.3
2	4.0	15.1	100	6.9
3	8.0	30.3	60	4.1
4	20.0	76.0	25	1.7
Series E with AutoPrime™				
1	2.3	8.7	150	10.3
2	3.8	14.4	100	6.9
3	7.8	29.5	60	4.1



AutoPrime™

Allows for the constant removal of vapors and gases present in applications like sodium hypochlorite and hydrogen peroxide.



Liquipro™

Standard Liquid End suitable for most applications

What's in the Box

Series E units include:


Tube Connection Hardware


Quick Start Guide


Suction/Discharge Tubing


Injection Check Valve


Foot Valve


Ceramic Weight

Note: Depending on the configuration of the LE, some of the items may not be included in the box.

SERIES E PUMP SELECTION AND PRICING

37

OUTPUT CODE 0

100 SPM Max.

Size Code 0.9

0.0 - 1.3 GPH (0.0 - 4.9 LPH); 300 psi (20.7 bar)

E70										Price	
Drive End											
Control											
E70 Pulse Input with Dual Manual Control										\$ 3,792	
	Power Code		Voltage		Frequency						
	1		110/120V		50-60 HZ					\$ -	
	2		220/240V		50-60 HZ					\$ -	
		Liquid End	Head	Fittings	Balls	Valve	Connections Suction/Discharge	Cartridge Valve or Seal Ring	RPM Kit	Pump Price E70	
		Liquipro™ Machine									
		498SP	PVC	PVC	Ceramic	FV	Pipe ½" NPT M	PVDF/Polyprel®	RPM-392/398	\$ 484	
		Legacy LMI									
		297	316 SS	316 SS	316SS	-	Pipe ¼" NPT M	316SS	-	\$ 638	
E70	1	-498SP									

RPM Kit	Price	Contents
Liquipro™		*O-Rings
RPM-392/398	\$ 157	*Shaft Seal
		*Check Valve Cartridges
		*Hardware kit
		*Liquifram
		*Injection Valve Cartridge

Series E Pumps are shipped without power cords and are designed to be hardwired only according to governing codes.

Pumps are rated for: Class I, Division I, Groups C & D; Class II, Division I, Groups E, F, and G

SERIES E PUMP SELECTION AND PRICING

38

OUTPUT CODE 1

100 SPM Max.

Size Code 1.8

0.0 - 2.5 GPH (0.0 - 9.5 LPH); 150 psi (10.3 bar)

De-gas estimated at 0.00 to 2.3 GPH (0.00 to 8.7 LPH)

E71									
Drive End									Price
Control									
E71 Pulse Input with Dual Manual Control									\$ 3,792
Power Code	Voltage	Frequency							
1	110/120V	50-60 HZ							\$ -
2	220/240V	50-60 HZ							\$ -
Liquid End	Head	Fittings	Balls	Valve	Connections Suction/Discharge	Cartridge Valve or Seal Ring	RPM Kit	Pump Price E71	
Liquipro™ Molded									
362NI	PVDF	PVDF	Ceramic	-	PE 3/8" OD	PVDF / Polyprel®	RPM-362/368	\$ 329	\$ 4,121
362SI	PVDF	PVDF	Ceramic	FV	PE 3/8" OD	PVDF / Polyprel®	RPM-362/368	\$ 416	\$ 4,208
363NI	PVDF	PVDF	Ceramic	-	PE 3/8" OD	PVDF / PTFE	RPM-363	\$ 377	\$ 4,169
363SI	PVDF	PVDF	Ceramic	FV	PE 3/8" OD	PVDF / PTFE	RPM-363	\$ 464	\$ 4,256
368NI	PVC	PVC	Ceramic	-	PE 3/8" OD	PVDF/ Polyprel®	RPM-362/368	\$ 277	\$ 4,069
368SI	PVC	PVC	Ceramic	FV	PE 3/8" OD	PVDF/ Polyprel®	RPM-362/368	\$ 364	\$ 4,156
Liquipro™ Machined									
460NI	Acrylic	PVC	Ceramic	-	PE 3/8" OD	PVDF/ Polyprel®	RPM-362/368	\$ 406	\$ 4,198
460SI	Acrylic	PVC	Ceramic	FV	PE 3/8" OD	PVDF/ Polyprel®	RPM-362/368	\$ 493	\$ 4,285
465NI	PP	PP	Ceramic	-	PE 3/8" OD	PTFE	RPM-465	\$ 409	\$ 4,201
465SI	PP	PP	Ceramic	FV	PE 3/8" OD	PTFE	RPM-465	\$ 496	\$ 4,288
468NI	PVC	PVC	Ceramic	-	PE 3/8" OD	PVDF/ Polyprel®	RPM-362/368	\$ 397	\$ 4,189
468SI	PVC	PVC	Ceramic	FV	PE 3/8" OD	PVDF/ Polyprel®	RPM-362/368	\$ 484	\$ 4,276
469NI	Acrylic	PVDF	PTFE	-	PE 3/8" OD	PVDF/ Polyprel®	RPM-460F	\$ 421	\$ 4,213
469SI	Acrylic	PVDF	PTFE	FV	PE 3/8" OD	PVDF/ Polyprel®	RPM-460F	\$ 508	\$ 4,300
Legacy LMI									
75HV	PP	PP	316 SS	-	PE 1/2" OD / Vinyl 1/2" OD	PTFE	SP-75HV	\$ 507	\$ 4,299
76HV	Acrylic	PP	316 SS	-	PE 1/2" OD / Vinyl 1/2" OD	FKM	SP-76	\$ 507	\$ 4,299
277	316 SS	316 SS	316 SS	-	Pipe 1/4" NPT M	316 SS	-	\$ 638	\$ 4,430
Liquipro™ De-gas									
D60AI	Acrylic	PVC	Ceramic	-	PE 3/8" OD	Polyprel®	RPM-D68	\$ 484	\$ 4,276
D60HI	Acrylic	PVC	Ceramic	FV	PE 3/8" OD	Polyprel®	RPM-D68	\$ 601	\$ 4,393
D68AI	PVC	PVC	Ceramic	-	PE 3/8" OD	Polyprel®	RPM-D68	\$ 475	\$ 4,267
D68HI	PVC	PVC	Ceramic	FV	PE 3/8" OD	Polyprel®	RPM-D68	\$ 592	\$ 4,384
E71	1	-362NI							

RPM Kit	Price	Contents
Liquipro™		
RPM-362/368	\$ 163	*O-Rings
RPM-363	\$ 190	*Shaft Seal
RPM-465	\$ 173	*Check Valve Cartridges
RPM-460F	\$ 173	*Hardware kit
		*Liquifram
		*Injection Valve Cartridge
Legacy LMI		
SP-75HV	\$ 179	*Shaft Seal *Liquifram
SP-76	\$ 168	*Seal Ring Seat *Clamp rings
		*Balls & spring or springs
Liquipro™ De-gas		
RPM-D68	\$ 202	*O Rings *Check Valve Cartridges
		*Shaft Seal *Injection Valve Cartridge
		*Liquifram *AutoPrime Cartridge

Series E Pumps are shipped without power cords and are designed to be hardwired only according to governing codes.

Pumps are rated for: Class I, Division I, Groups C & D; Class II, Division I, Groups E, F, and G

SERIES E PUMP SELECTION AND PRICING

39

OUTPUT CODE 2

100 SPM Max.

Size Code 1.8

0.0 - 4.0 GPH (0.0 - 15.1 LPH); 100 psi (6.9 bar)

De-gas estimated at 0.00 to 3.8 GPH (0.00 to 14.4 LPH)

E72										Price		
Drive End												
Control												
E72 Pulse Input with Dual Manual Control										\$	3,792	
	Power Code		Voltage		Frequency							
	1		110/120V		50-60 HZ				\$	-		
	2		220/240V		50-60 HZ				\$	-		
		Liquid End	Head	Fittings	Balls	Valve	Connections Suction/Discharge	Cartridge Valve or Seal Ring	RPM Kit	Pump Price E72		
	Liquipro™ Molded											
	362NI	PVDF	PVDF	Ceramic	-	PE ¾" OD	PVDF / Polyprel®	RPM-362/368	\$	329	\$	4,121
	362SI	PVDF	PVDF	Ceramic	FV	PE ¾" OD	PVDF / Polyprel®	RPM-362/368	\$	416	\$	4,208
	363NI	PVDF	PVDF	Ceramic	-	PE ¾" OD	PVDF / PTFE	RPM-363	\$	377	\$	4,169
	363SI	PVDF	PVDF	Ceramic	FV	PE ¾" OD	PVDF / PTFE	RPM-363	\$	464	\$	4,256
	368NI	PVC	PVC	Ceramic	-	PE ¾" OD	PVDF/ Polyprel®	RPM-362/368	\$	277	\$	4,069
	368SI	PVC	PVC	Ceramic	FV	PE ¾" OD	PVDF/ Polyprel®	RPM-362/368	\$	364	\$	4,156
	Liquipro™ Machined											
	460NI	Acrylic	PVC	Ceramic	-	PE ¾" OD	PVDF/ Polyprel®	RPM-362/368	\$	406	\$	4,198
	460SI	Acrylic	PVC	Ceramic	FV	PE ¾" OD	PVDF/ Polyprel®	RPM-362/368	\$	493	\$	4,285
	465NI	PP	PP	Ceramic	-	PE ¾" OD	PTFE	RPM-465	\$	409	\$	4,201
	465SI	PP	PP	Ceramic	FV	PE ¾" OD	PTFE	RPM-465	\$	496	\$	4,288
	468NI	PVC	PVC	Ceramic	-	PE ¾" OD	PVDF/ Polyprel®	RPM-362/368	\$	397	\$	4,189
	468SI	PVC	PVC	Ceramic	FV	PE ¾" OD	PVDF/ Polyprel®	RPM-362/368	\$	484	\$	4,276
	469NI	Acrylic	PVDF	PTFE	-	PE ¾" OD	PVDF/ Polyprel®	RPM-460F	\$	421	\$	4,213
	469SI	Acrylic	PVDF	PTFE	FV	PE ¾" OD	PVDF/ Polyprel®	RPM-460F	\$	508	\$	4,300
	Legacy LMI											
	75HV	PP	PP	316 SS	-	PE ½" OD / Vinyl ½" OD	PTFE	SP-75HV	\$	557	\$	4,349
	76HV	Acrylic	PP	316 SS	-	PE ½" OD / Vinyl ½" OD	FKM	SP-76	\$	482	\$	4,274
	277	316 SS	316 SS	316 SS	-	Pipe ¼" NPT M	316 SS	-	\$	1,225	\$	5,017
	Liquipro™ De-gas											
	D60AI	Acrylic	PVC	Ceramic	-	PE ¾" OD	Polyprel®	RPM-D68	\$	484	\$	4,276
	D60HI	Acrylic	PVC	Ceramic	FV	PE ¾" OD	Polyprel®	RPM-D68	\$	601	\$	4,393
	D68AI	PVC	PVC	Ceramic	-	PE ¾" OD	Polyprel®	RPM-D68	\$	475	\$	4,267
	D68HI	PVC	PVC	Ceramic	FV	PE ¾" OD	Polyprel®	RPM-D68	\$	592	\$	4,384
	E72	1	-362NI									

RPM Kit	Price	Contents
Liquipro™		
RPM-362/368	\$ 163	*O-Rings
RPM-363	\$ 190	*Shaft Seal
RPM-465	\$ 173	*Check Valve Cartridges
RPM-460F	\$ 173	*Hardware kit
		*Liquifram
		*Injection Valve Cartridge
Legacy LMI		
SP-75HV	\$ 179	*Shaft Seal *Liquifram
SP-76	\$ 168	*Seal Ring Seat *Clamp rings
		*Balls & spring or springs
Liquipro™ De-gas		
RPM-D68	\$ 202	*O Rings *Check Valve Cartridges
		*Shaft Seal *Injection Valve Cartridge
		*Liquifram *AutoPrime Cartridge

Series E Pumps are shipped without power cords and are designed to be hardwired only according to governing codes.

Pumps are rated for: Class I, Division I, Groups C & D; Class II, Division I, Groups E, F, and G

SERIES E PUMP SELECTION AND PRICING

40

OUTPUT CODE 3

100 SPM Max.

Size Code 3.0

0.0 - 8.0 GPH (0.0 - 30.3 LPH); 60 psi (4.1 bar)

De-gas estimated at 0.00 to 7.8 GPH (0.00 to 29.5 LPH)

E73									
Drive End									Price
Control									
E73 Pulse Input with Dual Manual Control									\$ 3,792
Power Code	Voltage	Frequency							
1	110/120V	50-60 HZ							\$ -
2	220/240V	50-60 HZ							\$ -
Liquid End	Head	Fittings	Balls	Valve	Connections Suction/Discharge	Cartridge Valve or Seal Ring	RPM Kit	Pump Price E73	
Liquipro™ Molded		These liquid ends use 3/8 diameter valve balls. Pump output may be reduced in some applications.							
312NI	PVDF	PVDF	Ceramic	-	PE ½" OD	PVDF / Polyprel®	RPM-312/318	\$ 458	\$ 4,250
312SI	PVDF	PVDF	Ceramic	FV	PE ½" OD	PVDF / Polyprel®	RPM-312/318	\$ 545	\$ 4,337
313NI	PVDF	PVDF	Ceramic	-	PE ½" OD	PVDF / PTFE	RPM-313	\$ 506	\$ 4,298
313SI	PVDF	PVDF	Ceramic	FV	PE ½" OD	PVDF / PTFE	RPM-313	\$ 593	\$ 4,385
318NI	PVC	PVC	Ceramic	-	PE ½" OD	PVDF/ Polyprel®	RPM-312/318	\$ 406	\$ 4,198
318SI	PVC	PVC	Ceramic	FV	PE ½" OD	PVDF/ Polyprel®	RPM-312/318	\$ 493	\$ 4,285
Liquipro™ Machined									
410NI	Acrylic	PVC	Ceramic	-	PE ½" OD	PVDF/ Polyprel®	RPM-410F	\$ 535	\$ 4,327
410SI	Acrylic	PVC	Ceramic	FV	PE ½" OD	PVDF/ Polyprel®	RPM-410F	\$ 622	\$ 4,414
415NI	PP	PP	Ceramic	-	PE ½" OD	PTFE	RPM-415	\$ 538	\$ 4,330
415SI	PP	PP	Ceramic	FV	PE ½" OD	PTFE	RPM-415	\$ 625	\$ 4,417
418NI	PVC	PVC	Ceramic	-	PE ½" OD	PVDF/ Polyprel®	RPM-312/318	\$ 526	\$ 4,318
418SI	PVC	PVC	Ceramic	FV	PE ½" OD	PVDF/ Polyprel®	RPM-312/318	\$ 613	\$ 4,405
419NI	Acrylic	PVDF	PTFE	-	PE ½" OD	PVDF/ Polyprel®	RPM-410F	\$ 550	\$ 4,342
419SI	Acrylic	PVDF	PTFE	FV	PE ½" OD	PVDF/ Polyprel®	RPM-410F	\$ 637	\$ 4,429
Legacy LMI									
20	Acrylic	PVC	Ceramic	-	PE ½" OD / Vinyl ½" OD	FKM	SP-20	\$ 555	\$ 4,347
20HV	Acrylic	PP	316 SS	-	PE ½" OD / Vinyl ½" OD	FKM	SP-20HV	\$ 666	\$ 4,458
20S	Acrylic	PVC	Ceramic	FV	PE ½" OD / Vinyl ½" OD	FKM	SP-20	\$ 689	\$ 4,481
24	PVC	PVC	Ceramic	-	PE ½" OD / Vinyl ½" OD	PTFE	SP-U5	\$ 600	\$ 4,392
25HV	PP	316SS	316 SS	-	PE ½" OD / Vinyl ½" OD	PTFE	SP-25HV	\$ 666	\$ 4,458
26	PVC	PVC	Ceramic	-	PE ½" OD / Vinyl ½" OD	FKM	SP-26	\$ 549	\$ 4,341
26S	PVC	PVC	Ceramic	FV	PE ½" OD / Vinyl ½" OD	FKM	SP-26	\$ 684	\$ 4,476
27	316 SS	316 SS	316 SS	-	Pipe ½" NPT M	PTFE	SP-27	\$ 1,775	\$ 5,567
Liquipro™ De-gas									
D10AI	Acrylic	PVC	Ceramic	-	PE ½" OD	Polyprel®	RPM-D18	\$ 613	\$ 4,405
D10HI	Acrylic	PVC	Ceramic	FV	PE ½" OD	Polyprel®	RPM-D18	\$ 730	\$ 4,522
D18AI	PVC	PVC	Ceramic	-	PE ½" OD	Polyprel®	RPM-D18	\$ 604	\$ 4,396
D18HI	PVC	PVC	Ceramic	FV	PE ½" OD	Polyprel®	RPM-D18	\$ 721	\$ 4,513
E73	1	-312NI							

RPM Kit	Price	Contents
Liquipro™		
RPM-312/318	\$ 168	*O-Rings
RPM-313	\$ 202	*Shaft Seal
RPM-415	\$ 185	*Check Valve Cartridges
RPM-410F	\$ 185	*Hardware kit
		*Liquifram
		*Injection Valve Cartridge
Legacy LMI		
SP-20	\$ 157	
SP-20HV	\$ 202	*Shaft Seal
SP-20	\$ 157	*Liquifram
SP-U5	\$ 235	*Seal Ring Seat
SP-25HV	\$ 202	*Clamp rings
SP-26	\$ 245	*Balls & spring or springs
SP-27	\$ 190	

RPM Kit	Price	Contents
Liquipro™ De-gas		
RPM-D18	\$ 212	*O Rings
		*Shaft Seal
		*Liquifram
		*Check Valve Cartridges
		*Injection Valve Cartridge
		*AutoPrime Cartridge

Series E Pumps are shipped without power cords and are designed to be hardwired only according to governing codes.

Pumps are rated for: Class I, Division I, Groups C & D; Class II, Division I, Groups E, F, and G

SERIES E PUMP SELECTION AND PRICING

41

OUTPUT CODE 4

100 SPM Max.

Size Code 6.0

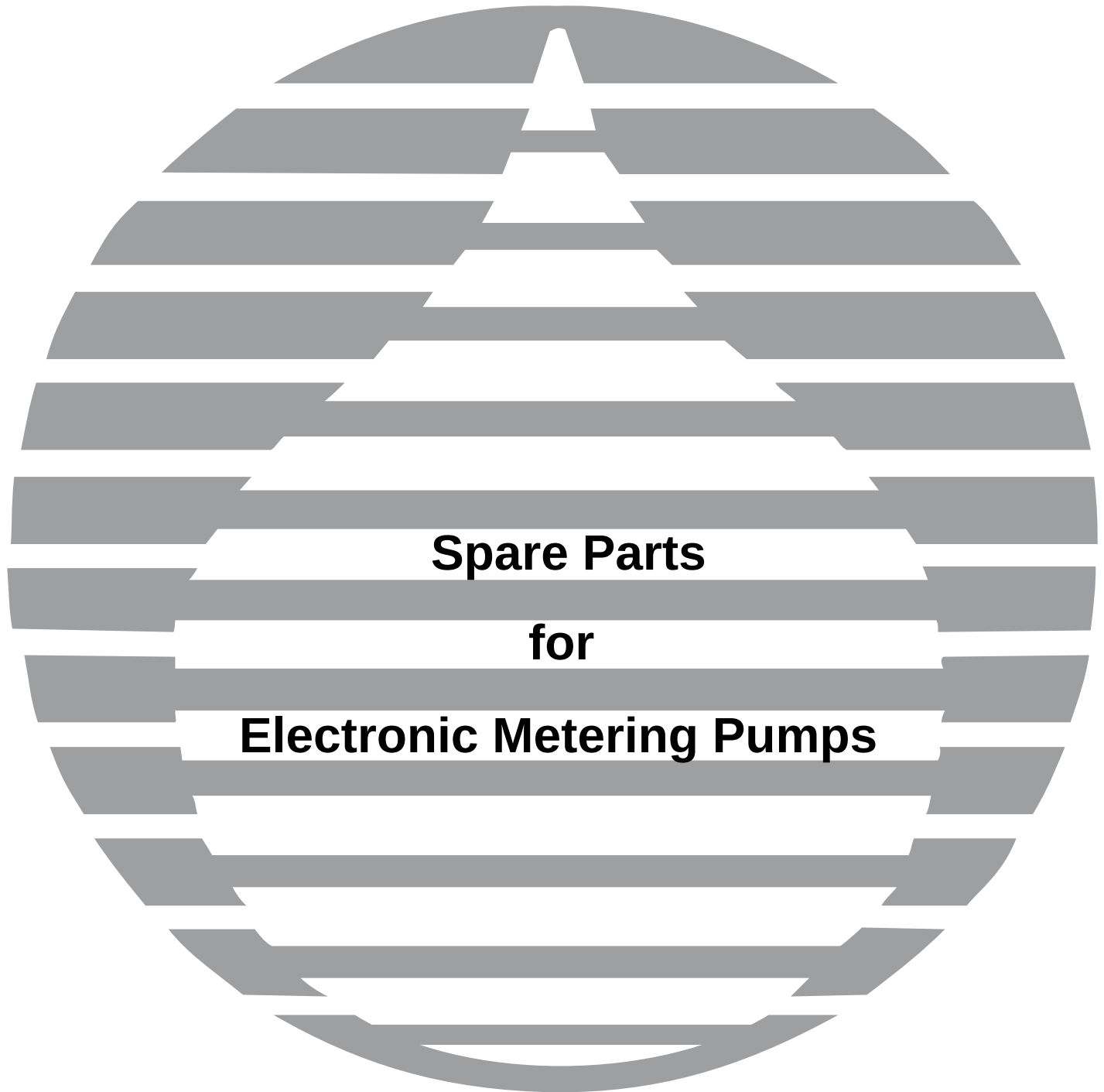
0.0 - 20 GPH (0.0 - 75.7 LPH); 25 psi (1.7 bar)

E74										
Drive End									Price	
Control										
E74 Pulse Input with Dual Manual Control									\$ 3,966	
	Power Code		Voltage		Frequency					
	1		110/120V		50-60 HZ				\$ -	
	2		220/240V		50-60 HZ				\$ -	
		Liquid End	Head	Fittings	Balls	Seal Ring	Tubing & Connections Suction / Discharge	RPM Kit	Pump Price E74	
	Legacy LMI									
	30	Acrylic	PVC	Ceramic	PTFE	PE ½" OD / Vinyl ½" OD		SP-U6	\$ 704	\$ 4,670
	34	PVC	PVC	Ceramic	PTFE	Pipe ½" NPT M		SP-U6	\$ 750	\$ 4,716
	35P	PP	PP	Ceramic	PTFE	Pipe ½" NPT M		SP-U6	\$ 789	\$ 4,755
	35T	PP	PP	Ceramic	PTFE	PE .5" OD		SP-U6	\$ 735	\$ 4,701
	36	PVC	PVC	Ceramic	PTFE	PE .5" OD		SP-U6	\$ 698	\$ 4,664
	37	316 SS	316 SS	316 SS	PTFE	Pipe ½" NPT M		SP-37	\$ 1,970	\$ 5,936
E74	1	-30								

RPM Kit	Price	Contents
Legacy LMI		
SP-U6	\$ 279	*Shaft Seal
SP-37	\$ 212	*Liquifram
		*Seal Ring Seat
		*Clamp rings
		*Balls & spring or springs

Series E Pumps are shipped without power cords and are designed to be hardwired only according to governing codes.

Pumps are rated for: Class I, Division I, Groups C & D; Class II, Division I, Groups E, F, and G



Spare Parts

for

Electronic Metering Pumps

FASTPRIME® - RPM Kits

RPM Kit	For Liquid End Assembly	Price
RPM-708	708xx	\$ 129
RPM-718	718xx	\$ 129
RPM-728	728xx	\$ 134
RPM-738	738xx	\$ 140
RPM-748	748xx	\$ 146
RPM-812	812xx,818xx,910Nx,910Sx,918Nx,918Sx	\$ 152
RPM-813	813xx, 915xx	\$ 168
RPM-822	822xx,828xx,920Nx,920Sx,928Nx,928Sx	\$ 157
RPM-823	823xx, 925xx	\$ 179
RPM-832	832xx,838xx,930Nx,930Sx,938Nx,938Sx	\$ 163
RPM-833	833xx, 935xx	\$ 190
RPM-842	842xx,848xx,940Nx,940Sx,948Nx,948Sx	\$ 168
RPM-843	843xx, 945xx	\$ 202
RPM-907	907NP	\$ 290
RPM-917	917NP	\$ 290
RPM-919	919xx	\$ 152
RPM-927	927NP	\$ 302
RPM-929	929xx	\$ 157
RPM-937	937NP	\$ 313
RPM-939	939xx	\$ 163
RPM-947	947NP	\$ 324
RPM-949	949xx	\$ 168

High Viscosity - RPM Kits

RPM Kit	For Liquid End Assembly	Price
RPM-624	624xx	\$ 146
RPM-626	626xx	\$ 146
RPM-634	634xx	\$ 157
RPM-636	636xx	\$ 157
RPM-644	644xx	\$ 168
RPM-646	646xx	\$ 168

Legacy LMI - Spare Part Kits

RPM Kit	For Liquid End Assembly	Price
SP-U1	81S, 81T, 82T, 85S, 85T, 91S, 91T, 92S, 92T, 94, 94S, 95S, 95T, 196, 196S	\$ 179
SP-U2	6S, 6SS, 71S, 71T, 72S, 72S, 72T, 74, 74S, 75S, 75T	\$ 179
SP-U3	81FS, 91FS	\$ 179
SP-U4	71FS	\$ 179
SP-U5	24, 25P, 25T	\$ 235
SP-U6	30, 30S, 32, 34, 35P, 35T, 36, 36S	\$ 279
SP-U7	190, 190S, 191, 191S, 192, 192S, 193, 193S, 198, 198S	\$ 179
SP-U8	150, 150S, 151, 151P, 151S, 152, 152S, 158	\$ 179
SP-U9	155, 155P, 155S	\$ 179
SP-U10	61, 62, 62S, 161, 162, 168, 168S, 171, 171S, 172, 172S	\$ 179
SP-U17	12, 12S, 112, 112S, 118, 118S	\$ 202
SP-15	15, 15S	\$ 202
SP-20	20, 20S	\$ 157
SP-20HV	20HV	\$ 202
SP-25HV	25HV, 20PB, 20PBA	\$ 202
SP-26	26, 26S	\$ 245
SP-27	27	\$ 190
SP-29	29	\$ 202
SP-30HV	30HV	\$ 181

LIQUIPRO™ - RPM Kits

RPM Kit	For Liquid End Assembly	Price
RPM-312/318	312xx, 318xx, 410xx, 418xx	\$ 168
RPM-313	313xx	\$ 202
RPM-352/358	352xx, 358xx, 450xx, 458xx	\$ 152
RPM-353	353xx	\$ 168
RPM-362/368	362xx, 368xx, 460xx, 468xx	\$ 163
RPM-363	363xx	\$ 190
RPM-392/398	392xx, 398xx, 490xx, 498xx	\$ 157
RPM-393	393xx	\$ 179
RPM-410F	410xx, 419xx	\$ 185
RPM-415	415xx	\$ 185
RPM-450F	450xx, 459xx	\$ 152
RPM-455	455xx	\$ 152
RPM-460F	460xx, 469xx	\$ 173
RPM-465	465xx	\$ 173
RPM-490F	490xx, 499xx	\$ 163
RPM-495	495xx	\$ 163
RPM-D18	D10xx, D18xx	\$ 212
RPM-D58	D50xx, D58xx,	\$ 179
RPM-D68	D60xx, D68xx	\$ 202
RPM-D98	D90xx, D98xx	\$ 190

AUTOPRIME® De-gas - RPM Kits

RPM Kit	For Liquid End Assembly	Price
RPM-910A	910Ax, 910Hx, 918Ax, 918Hx	\$ 173
RPM-920A	920Ax, 920Hx, 928Ax, 928Hx	\$ 179
RPM-930A	930Ax, 930Hx, 938Ax, 938Hx	\$ 185
RPM-A10A	A10Ax, A10Hx, A18Ax, A18Hx	\$ 179
RPM-A20A	A20Ax, A20Hx, A28Ax, A28Hx	\$ 190
RPM-A30A	A30Ax, A30Hx, A38Ax, A38Hx	\$ 202
RPM-A40A	A40Ax, A40Hx, A48Ax, A48Hx	\$ 212

Legacy LMI - Spare Parts Kits

RPM Kit	For Liquid End Assembly	Price
SP-35HV	35HV	\$ 202
SP-37	37	\$ 212
SP-66PB	66PB	\$ 179
SP-75HV	75HV	\$ 179
SP-75V	75V	\$ 179
SP-76	76HV	\$ 168
SP-76PB	76PB	\$ 179
SP-77	77	\$ 179
SP-79	79	\$ 179
SP-85HV	85HV, 86PBA	\$ 179
SP-86	86HV	\$ 168
SP-86PB	86PB	\$ 179
SP-89	89	\$ 179
SP-92V	92V	\$ 179
SP-97	97	\$ 179
SP-151FS	151FS	\$ 179
SP-155HV	155HV, 156PB, 156PBA	\$ 179
SP-156	156HV	\$ 179
SP-157	157	\$ 179
SP-987	987	\$ 981

PUMP DRIVE ASSEMBLIES

Drive	Size Code	Max Output		Max Pressure		Price
		GPH	LPH	PSI	Bar	
Series PD						
PD01x	0	0.10 to 0.25	0.38 to 0.95	450	30.6	\$ 351
PD71x	0	0.10 to 0.25	0.38 to 0.95	450	30.6	\$ 596
PD04x	2	0.35 to 0.68	1.32 to 2.60	250	17.3	\$ 351
PD74x	2	0.35 to 0.68	1.32 to 2.60	250	17.3	\$ 596
PD05x	3	0.80 to 1.10	3.00 to 4.20	150	10.3	\$ 351
PD75x	3	0.80 to 1.10	3.00 to 4.20	150	10.3	\$ 596
PD06x	4	1.70 to 1.85	6.40 to 7.60	70	4.8	\$ 351
PD76x	4	1.70 to 1.85	6.40 to 7.60	70	4.8	\$ 596
EXCEL AD						
AD21x	1	0.002 to 0.21	0.01 to 0.8	250	17.2	\$ 776
AD24x	2	0.005 to 0.50	0.02 to 1.9	250	17.2	\$ 776
AD25x	3	0.010 to 1.00	0.04 to 3.8	110	7.6	\$ 775
AD26x	4	0.020 to 2.00	0.08 to 7.6	50	3.4	\$ 816
AD81x	1	0.002 to 0.21	0.01 to 0.8	250	17.2	\$ 1,002
AD84x	2	0.005 to 0.50	0.02 to 1.9	250	17.2	\$ 1,002
AD85x	3	0.010 to 1.00	0.04 to 3.8	110	7.6	\$ 1,001
AD86x	4	0.020 to 2.00	0.08 to 7.6	50	3.4	\$ 1,042
AD91x	1	0.002 to 0.21	0.01 to 0.8	250	17.2	\$ 1,265
AD94x	2	0.005 to 0.50	0.02 to 1.9	250	17.2	\$ 1,265
AD95x	3	0.010 to 1.00	0.04 to 3.8	110	7.6	\$ 1,264
AD96x	4	0.020 to 2.00	0.08 to 7.6	50	3.4	\$ 1,305
SERIES B						
B11x	0.9	0.01 to 1.60	0.05 to 6.10	150	10.3	\$ 1,022
B12x	0.9	0.01 to 2.50	0.05 to 9.50	100	6.9	\$ 1,022
B13x	1.8	0.02 to 4.50	0.09 to 17.0	50	3.4	\$ 1,022
B14x	3.0	0.04 to 7.00	0.13 to 26.5	30	2.07	\$ 1,092
B71x	0.9	0.00 to 1.60	0.00 to 6.10	150	10.3	\$ 1,148
B72x	0.9	0.00 to 2.50	0.00 to 9.50	100	6.9	\$ 1,148
B73x	1.8	0.00 to 4.50	0.00 to 17.0	50	3.4	\$ 1,148
B74x	3.0	0.00 to 7.00	0.00 to 26.5	30	2.07	\$ 1,218
B91x	0.9	0.00 to 1.60	0.00 to 6.10	150	10.3	\$ 1,548
B92x	0.9	0.00 to 2.50	0.00 to 9.50	100	6.9	\$ 1,548
B93x	1.8	0.00 to 4.50	0.00 to 17.0	50	3.4	\$ 1,548
B94x	3.0	0.00 to 7.00	0.00 to 26.5	30	2.07	\$ 1,618

Drive	Size Code	Max Output		Max Pressure		Price
		GPH	LPH	PSI	Bar	
SERIES C						
C10x	0.9	0.01 to 1.30	0.03 to 4.90	300	20.7	\$ 1,456
C11x	1.8	0.01 to 2.50	0.05 to 9.50	150	10.3	\$ 1,456
C12x	1.8	0.02 to 4.00	0.08 to 15.1	100	6.9	\$ 1,456
C13x	3.0	0.05 to 8.00	0.17 to 30.3	60	4.1	\$ 1,456
C14x	6.0	0.1 to 20.00	0.38 to 76.0	25	1.8	\$ 1,627
C70x	0.9	0.00 to 1.30	0.00 to 4.90	300	20.7	\$ 1,575
C71x	1.8	0.00 to 2.50	0.00 to 9.50	150	10.3	\$ 1,575
C72x	1.8	0.00 to 4.00	0.00 to 15.1	100	6.9	\$ 1,575
C73x	3.0	0.00 to 8.00	0.00 to 30.3	60	4.1	\$ 1,575
C74x	6.0	0.00 to 20.0	0.00 to 76.0	25	1.8	\$ 1,746
C76x	1.8	0.00 to 4.00	0.00 to 15.1	175	12.1	\$ 1,863
C77x	3.0	0.00 to 10.0	0.00 to 38.0	80	5.5	\$ 1,863
C78x	6.0	0.00 to 25.0	0.00 to 95.0	30	2.07	\$ 2,039
C90x	0.9	0.00 to 1.30	0.00 to 4.90	300	20.7	\$ 1,989
C91x	1.8	0.00 to 2.50	0.00 to 9.50	150	10.3	\$ 1,989
C92x	1.8	0.00 to 4.00	0.00 to 15.1	100	6.9	\$ 1,989
C93x	3.0	0.00 to 8.00	0.00 to 30.3	60	4.1	\$ 1,989
C94x	6.0	0.00 to 20.0	0.00 to 76.0	25	1.8	\$ 2,160
SERIES E						
E70x	0.9	0.00 to 1.30	0.00 to 4.90	300	20.7	\$ 3,792
E71x	1.8	0.00 to 2.50	0.00 to 9.50	150	10.3	\$ 3,792
E72x	1.8	0.00 to 4.00	0.00 to 15.1	100	6.9	\$ 3,792
E73x	3.0	0.00 to 8.00	0.00 to 30.3	60	4.1	\$ 3,792
E74x	6.0	0.00 to 20.0	0.00 to 76.0	25	1.7	\$ 3,966

To complete the Drive, change the "x" to one of the following:

- 1- 120 V AC USA Plug
- 2- 240 V AC USA Plug (not for export)
- 3- 220-240V AC, DIN plug
- 5- 240-250V AC, UK Plug
- 6- 240-250V AC, Aust/NZ Plug

LIQUID END ASSEMBLIES (LE's)

FASTPRIME™ Molded

Liquid End	Size Code	Price
LE-812NI	1	\$ 304
LE-812SI	1	\$ 391
LE-813NI	1	\$ 352
LE-813SI	1	\$ 439
LE-818NI	1	\$ 254
LE-818SI	1	\$ 341
LE-822NI	2*	\$ 319
LE-822SI	2*	\$ 406
LE-823NI	2*	\$ 367
LE-823SI	2*	\$ 454
LE-828NI	2*	\$ 269
LE-828SI	2*	\$ 356
LE-832NI	3	\$ 319
LE-832SI	3	\$ 406
LE-833NI	3	\$ 367
LE-833SI	3	\$ 454
LE-838NI	3	\$ 269
LE-838SI	3	\$ 356
LE-842NI	4	\$ 319
LE-842SI	4	\$ 406
LE-843NI	4	\$ 367
LE-843SI	4	\$ 454
LE-848NI	4	\$ 269
LE-848SI	4	\$ 356

FASTPRIME™ Machined

Liquid End	Size Code	Price
LE-907NP	0	\$ 609
LE-910NI	1	\$ 382
LE-910SI	1	\$ 469
LE-915NI	1	\$ 385
LE-915SI	1	\$ 472
LE-917NP	1	\$ 609
LE-918NI	1	\$ 373
LE-918SI	1	\$ 460
LE-919NI	1	\$ 395
LE-919SI	1	\$ 482
LE-920NI	2*	\$ 397
LE-920SI	2*	\$ 484
LE-925NI	2*	\$ 400
LE-925SI	2*	\$ 487
LE-927NP	2*	\$ 624
LE-928NI	2*	\$ 388
LE-928SI	2*	\$ 475
LE-929NI	2*	\$ 410
LE-929SI	2*	\$ 497
LE-930NI	3	\$ 397
LE-930SI	3	\$ 484
LE-935NI	3	\$ 400
LE-935SI	3	\$ 487
LE-937NP	3	\$ 624
LE-938NI	3	\$ 388
LE-938SI	3	\$ 475
LE-939NI	3	\$ 410
LE-939SI	3	\$ 497
LE-940NI	4	\$ 397
LE-940SI	4	\$ 484
LE-945NI	4	\$ 400
LE-945SI	4	\$ 487
LE-947NP	4	\$ 624
LE-948NI	4	\$ 388
LE-948SI	4	\$ 475
LE-949NI	4	\$ 410
LE-949SI	4	\$ 497

AUTOPRIME™ De-gas

For off-gassing fluids

Liquid End	Size Code	Price
LE-A10AI	1	\$ 458
LE-A10HI	1	\$ 575
LE-A18AI	1	\$ 449
LE-A18HI	1	\$ 566
LE-A20AI	2	\$ 473
LE-A20HI	2	\$ 590
LE-A28AI	2	\$ 464
LE-A28HI	2	\$ 581
LE-A30AI	3	\$ 473
LE-A30HI	3	\$ 590
LE-A38AI	3	\$ 464
LE-A38HI	3	\$ 581
LE-A40AI	4	\$ 473
LE-A40HI	4	\$ 590
LE-A48AI	4	\$ 464
LE-A48HI	4	\$ 581

AUTOPRIME™ (for Roytronic A)

Liquid End	Size Code	Price
LE-910AI	1	\$ 458
LE-910HI	1	\$ 575
LE-918AI	1	\$ 449
LE-918HI	1	\$ 566
LE-920AI	2	\$ 473
LE-920HI	2	\$ 590
LE-928AI	2	\$ 464
LE-928HI	2	\$ 581
LE-930AI	3	\$ 473
LE-930HI	3	\$ 590
LE-938AI	3	\$ 464
LE-938HI	3	\$ 581

*** NOTE for Size Code 2:**
When ordering SC 2 LE, please append:
-150 for 150 psi version (Roytronic A)
-250 for 250 psi for (PD & Excel AD)
e.g. LE-928NI-250

If not specified, LMI will default to -250

High Viscosity

Liquid End	Size Code	Price
LE-624VI	2	\$ 483
LE-624VP	2	\$ 483
LE-624PI	2	\$ 514
LE-624PP	2	\$ 514
LE-626VI	2	\$ 480
LE-634VI	3	\$ 483
LE-634VP	3	\$ 483
LE-634PI	3	\$ 514
LE-634PP	3	\$ 514
LE-636VI	3	\$ 480
LE-644VI	4	\$ 483
LE-644VP	4	\$ 483
LE-644PI	4	\$ 514
LE-644PP	4	\$ 514
LE-646VI	4	\$ 480
LE-646VP	4	\$ 480

LIQUIPRO™ Molded

Liquid End	Size Code	Price
LE-312NI	3.0	\$ 458
LE-312SI	3.0	\$ 545
LE-313NI	3.0	\$ 506
LE-313SI	3.0	\$ 593
LE-318NI	3.0	\$ 406
LE-318SI	3.0	\$ 493
LE-352NI	0.5	\$ 312
LE-352SI	0.5	\$ 399
LE-353NI	0.5	\$ 360
LE-353SI	0.5	\$ 447
LE-358NI	0.5	\$ 260
LE-358SI	0.5	\$ 347
LE-362NI	1.8	\$ 329
LE-362SI	1.8	\$ 416
LE-363NI	1.8	\$ 377
LE-363SI	1.8	\$ 464
LE-368NI	1.8	\$ 277
LE-368SI	1.8	\$ 364
LE-392NI	0.9	\$ 329
LE-392SI	0.9	\$ 416
LE-393NI	0.9	\$ 377
LE-393SI	0.9	\$ 464
LE-398NI	0.9	\$ 277
LE-398SI	0.9	\$ 364

LIQUIPRO™ Machined

Liquid End	Size Code	Price
LE-410NI	3.0	\$ 535
LE-410SI	3.0	\$ 622
LE-418NI	3.0	\$ 526
LE-418SI	3.0	\$ 613
LE-419SI	3.0	\$ 637
LE-450NI	0.5	\$ 389
LE-450SI	0.5	\$ 476
LE-455NI	0.5	\$ 392
LE-455SI	0.5	\$ 479
LE-458NI	0.5	\$ 380
LE-458SI	0.5	\$ 467
LE-459SI	0.5	\$ 491
LE-460NI	1.8	\$ 406
LE-460SI	1.8	\$ 493
LE-465NI	1.8	\$ 409
LE-465SI	1.8	\$ 496
LE-468NI	1.8	\$ 397
LE-468SI	1.8	\$ 484
LE-469SI	1.8	\$ 508
LE-490NI	0.9	\$ 406
LE-490SI	0.9	\$ 493
LE-495NI	0.9	\$ 409
LE-495SI	0.9	\$ 496
LE-498NI	0.9	\$ 397
LE-498SI	0.9	\$ 484
LE-499SI	0.9	\$ 508

LIQUIPRO De-gas

For off-gassing fluids

Liquid End	Size Code	Price
LE-D10AI	3.0	\$ 613
LE-D10HI	3.0	\$ 730
LE-D18AI	3.0	\$ 604
LE-D18HI	3.0	\$ 721
LE-D50AI	0.5	\$ 467
LE-D50HI	0.5	\$ 584
LE-D58AI	0.5	\$ 458
LE-D58HI	0.5	\$ 575
LE-D60AI	1.8	\$ 484
LE-D60HI	1.8	\$ 601
LE-D68AI	1.8	\$ 475
LE-D68HI	1.8	\$ 592
LE-D90AI	0.9	\$ 484
LE-D90HI	0.9	\$ 601
LE-D98AI	0.9	\$ 475
LE-D98HI	0.9	\$ 592

Legacy LMI Liquid Ends

Liquid End	Size Code	Price
LE-20HV	3.0	\$ 666
LE-20S	3.0	\$ 689
LE-24	3.0	\$ 600
LE-25HV	3.0	\$ 666
LE-25P	3.0	\$ 638
LE-25T	3.0	\$ 507
LE-26	3.0	\$ 549
LE-26S	3.0	\$ 684
LE-27	3.0	\$ 1,775
LE-30	6.0	\$ 704
LE-30HV	6.0	\$ 816
LE-30S	6.0	\$ 842
LE-34	6.0	\$ 750
LE-35HV	6.0	\$ 816
LE-35P	6.0	\$ 789
LE-35T	6.0	\$ 735
LE-36	6.0	\$ 698
LE-36S	6.0	\$ 835
LE-37	6.0	\$ 1,970
LE-75HV	1.8	\$ 507
LE-76HV	1.8	\$ 507
LE-85HV	0.9	\$ 507
LE-86HV	0.9	\$ 507
LE-155HV	0.5	\$ 493
LE-156HV	0.5	\$ 493
LE-217	3.0	\$ 638
LE-257	0.5	\$ 621
LE-277	1.8	\$ 638
LE-297	0.9	\$ 638

NOTE: EXCEL™ XR and Series G liquid ends are detailed in their respective sections

Agitators		
Part No.	Description	Price
34504	Agitator, 27" SS Shaft & Impeller, 230V	\$ 648
27591	Agitator, 27" SS Shaft & Impeller, 115V	\$ 630
10590	Agitator, 34" SS Shaft & Impeller, 115V	\$ 650
25290	Agitator, 34" SS Shaft & Impeller, 230V	\$ 661
25292	Agitator, 34" SS Shaft, Neoprene® Impeller, 230V	\$ 762
26579	Flange, Agitator Mounting	\$ 81
26576	Motor, Agitator 115V	\$ 539
26577	Shaft ASM, Agitator 35"	\$ 223

Corp Stop and Nozzle Assembly		
Part No.	Description	Price
49290	1" Mueller Bronze Corp Stop Assembly with PP Nozzle Assembly (replaces P/N 27741)	\$ 380
49288	1" NPT Bronze Corp Stop with PP Nozzle Assembly (replaces P/N 10741)	\$ 424
49287	3/4" NPT Bronze Corp Stop Assembly with CPVC Nozzle Assembly (replaces P/N 10998)	\$ 391
10786-1	COUPLING, 1/2" NPT	\$ 50
30897	Cable ASM, CORP STOP 1" STD	\$ 57
30896	Cable ASM, CORP STOP 3/4	\$ 37
25335	NOZZLE ASM, CORP STOP	\$ 77

Fluoride Saturator		
Part No.	Description	Price
28850	Upflow Fluoride Saturator with 50 Gallon Tank	\$ 3,064
27161	Cover ASM, Saturator	\$ 2,618
10968	Distributor ASM, Saturator	\$ 308
28291	Switch ASM, LEVEL-Saturator	\$ 293
10847-1	Strainer, Fluoride Saturator	\$ 98
10828	Valve, Solenoid	\$ 289

Liquid Level and Low Level Switches		
Part No.	Description	Price
29190	Liquid Level Shutoff Switch for Series B7, C7	\$ 120
27417	LL Switch Asm w/Outlets for P&A - 35 Gal Tank, 115V	\$ 546
26731	LL Switch Asm w/Outlets for P&A - 50 Gal Tank, 115V	\$ 581
26732	LL Switch Asm w/Outlets for P&A - 50 Gal Tank, 230V, US Plug	\$ 605
33510	LL Switch Asm w/Outlets for P&A - 50 Gal Tank, 230V, US Plug	\$ 558
49246	Low Level Shutoff Switch for Excel AD2	\$ 269
49249	Switch, Dual Liquid Level - Excel AD8 & AD9	\$ 328

Tank Assemblies and Accessories		
Part No.	Description	Price
27421	*Tank Assembly, 10 Gallon	\$ 224
27400	*Tank Assembly, 35 Gallon (Flooded Suction)	\$ 546
26900	TANK ASM, Saturator	\$ 396
26350	*Tank Assembly, 50 Gallon	\$ 468
26637	Cover Tank, 50 Gallon	\$ 161
26350-1	*Tank with Cover, Drilled for Agitator	\$ 491
27300	Valve, 1/4 Angle PVC	\$ 235

*Note: Tanks are yellow UV Resistant PE

MFV Spare Part and Retrofit Kits		
Part No.	Description	Price
57708	MFV Spare Kit, 150 PSI, 1/2" NPT, Polyprel®	\$ 87
57709	MFV Spare Kit, 150 PSI, 1/2" NPT, PTFE	\$ 87
57710	MFV Spare Kit, 250 PSI, 1/2" NPT, Polyprel®	\$ 87
57711	MFV Spare Kit, 250 PSI, 1/2" NPT, PTFE	\$ 87
57706	MFV Retrofit Kit, 150 PSI	\$ 120
57707	MFV Retrofit Kit, 250 PSI	\$ 120
58062	MFV Pro Spare Kit, 150 PSI, 1/2" NPT, Polyprel®	\$ 219
58064	MFV Pro Spare Kit, 250 PSI, 1/2" NPT, Polyprel®	\$ 219
58060	MFV Pro Retrofit Kit, 150 PSI	\$ 252
58061	MFV Pro Retrofit Kit, 250 PSI	\$ 252

Calibration Cylinders		
Part No.	Description	Price
35643	Calibration Cylinder, 200 ml, Sealed Top	\$ 179
35644	Calibration Cylinder, 1000 ml, Sealed Top	\$ 197
35645	Calibration Cylinder, 200 ml, EZ Clean	\$ 136
35710	Calibration Cylinder, 1000 ml, EZ Clean	\$ 189
35861	Calibration Cylinder, 4000 ml, EZ Clean	\$ 408

Digi-Pulse Flow Monitors		
Part No.	Description	Price
FM-250	Digi-Pulse Flow Monitor for Legacy Liquid Ends with 3/8" Check Balls. Replaces FM-200, FM-201, FM-202, FM-203, FM-204	\$ 356
FM-259	Same as FM-250 w/ 3.5mm connector. Replaces FM-200-9	\$ 393
FM-350	For Legacy Liquid Ends with 1/2" Check Balls. Replaces FM-301 & FM-302	\$ 383
FM-359	Same as FM-350 w/ 3.5mm connector. Replaces FM-301-9 & FM302-9	\$ 393
FM-450	For 300 and 400 series LIQUIPRO liquid ends. Replaces FM-PRO	\$ 356
FM-459	Same as FM-450 w/ 3.5 mm connector. Replaces FM-PRO-9	\$ 393
FM-850	For 800 and 900 series Fastprime liquid ends. Replaces FM-ROY	\$ 356
FM-859	Same as FM-850 w/ 3.5mm connect. Replaces FM-	\$ 393
FM-879	Same as FM-850 w/ 4 pin connector. Replaces FM-RO'	\$ 465
33256	Magnet, Digipulse	\$ 56
55796	Reed Switch TRANSMITTER W/ 3.5MM CONNEX.	\$ 104
55789	Reed Switch TRANSMITTER W/ 4 PIN CONNECT.	\$ 117
55787	Reed Switch TRANSMITTER W/ FLYING LEADS	\$ 41

Micropace™ Control Modules		
Part No.	Description	Price
MP-100	Analog to Digital converter	\$ 269
MP-400D	4 Digit Divider	Obsolete
MP-500M	4 Digit Multiplier	Obsolete

Remote Programmable Divider		
Part No.	Description	Price
31271	DIVIDER ASM, PD-4	\$ 524

Remote Programmable Flowmeter - Pulsers		
Part No.	Description	Price
RFP-075	0.22 to 22 GPM (0.83 to 83 l/m), 3/4" NPT	\$ 983
59235	Flowmeter, RFP-075	\$ 437
RFP-100	0.44 to 52 GPM (1.7 to 196 l/m), 1" NPT	\$ 1,125
59236	Flowmeter, RFP-100	\$ 874
RFP-150	0.88 to 88 GPM (3.3 to 333 l/m), 1.5" NPT	\$ 1,638
59237	Flowmeter, RFP-150	\$ 1,071
RFP-200	1.75 to 130 GPM (7.5 to 499 l/m), 2" NPT	\$ 2,027
59238	Flowmeter, RFP-200	\$ 1,638
34566	FLOW CONTROLLER	\$ 809
59239	SENSOR ASM, RFP-075,100,150,200	\$ 157

4FV Valve Assemblies		
Part No.	Description	Price
34626	Valve ASM, 4FV 1/2" Ball, PTFE	\$ 163
34627	Valve ASM, 4FV 1/2" Ball, Polyprel®	\$ 163

Suction Check Valves & Assemblies		
Part No.	Description	Price
48684	Suction Check Valve	\$ 50
48681	Suction Check Valve	\$ 62
48679	Suction Check Valve	\$ 85
48676	Suction Check Valve, 728, 738,	\$ 37
48677	Suction Check Valve, 812	\$ 50
48678	Suction Check Valve, 813	\$ 48
48680	Suction Check Valve, 823, 833,	\$ 85
48682	Suction Check Valve, 915	\$ 85
48683	Suction Check Valve, 919	\$ 85
48685	Suction Check Valve, 925, 935	\$ 85
48686	Suction Check Valve, 929, 939,	\$ 85
48768	Suction Check Valve, SS	\$ 151
49163	Valve ASM, SUC	\$ 85
38020	Valve ASM, SUC 1/2" PVC	Obsolete
36421	Valve ASM, SUC 1/2" PVDF	\$ 45
36360	Valve ASM, SUC 1/2" PVDF	\$ 65
36504	Valve ASM, SUC 1/4" NPT	\$ 45
36424	Valve ASM, SUC 1/4" NPT	\$ 47
36366	Valve ASM, SUC 1/4" NPT	\$ 65
38018	Valve ASM, SUC 1/4" PVC	Obsolete
36415	Valve ASM, SUC 1/4" PVDF	\$ 85
37846	Valve ASM, SUC 1/4" PVDF Polyprel	\$ 43
38019	Valve ASM, SUC 3/8" PVC	\$ 41
36354	Valve ASM, SUC 3/8" PVDF	\$ 65
36418	Valve ASM, SUC 3/8" PVDF	\$ 65
10562	Valve ASM, SUC LE-20/21	\$ 52
33482	Valve ASM, SUC LE-22/32/32S	\$ 128
26020	Valve ASM, SUC LE-24	\$ 77
27053	Valve ASM, SUC LE-25HV/76PB	\$ 80
25157	Valve ASM, SUC LE-25T	\$ 66
10564	Valve ASM, SUC LE-26/26S	\$ 52
25412	Valve ASM, SUC LE-26T	\$ 57
26014	Valve ASM, SUC LE-35P	\$ 86
25662	Valve ASM, SUC LE-76/86,	\$ 60
25202	Valve ASM, SUC LE-82T	\$ 45
49088	Valve ASM, SUC PVC/AFL/CER	\$ 41
49090	Valve ASM, SUC PVDF/AFL/CER	\$ 44
49089	Valve ASM, SUC PVDF/AFL/CER	\$ 85
49094	Valve ASM, SUC PVDF/AFL/PTFE	\$ 51
49093	Valve ASM, SUC PVDF/AFL/PTFE	\$ 85
49092	Valve ASM, SUC PVDF/PTFE/CER	\$ 85

Discharge Valve Assemblies		
Part No.	Description	Price
10561	Valve ASM, DIS LE-20	\$ 62.00
30481	Valve ASM, DIS LE-20PB/66PB/76PB/ 86PB	\$ 82.00
33536	Valve ASM, DIS LE-22/32	\$ 85.00
27052	Valve ASM, DIS LE-25HV/76-86PB	\$ 75.00
26013	Valve ASM, DIS LE-25P/35	\$ 100.00
25156	Valve ASM, DIS LE-25T	\$ 86.00
10563	Valve ASM, DIS LE-26	\$ 72.00
25411	Valve ASM, DIS LE-26T	\$ 68.00
26019	Valve ASM, DIS LE-34	\$ 96.00
27530	Valve ASM, DIS LE-37	\$ 317.00
25661	Valve ASM, DIS LE-76/86,	\$ 70.00
25201	Valve ASM, DIS LE-82T	\$ 55.00
49098	Valve ASM, DIS SPRING	\$ 85.00

Seal Rings Kits		
Part No.	Description	Price
10930	Kit, Seal Ring Teflon	\$ 41
25197	Kit, Seal Ring Teflon	\$ 50
10884	Kit, Seal Ring VITON 1/2	\$ 72
10928	Kit, Seal Ring VITON 3/8	\$ 35

Foot Valves & Assemblies		
Part No.	Description	Price
48720	Foot Valve, 812	\$ 72
48724	Foot Valve, 813	\$ 72
48723	Foot Valve, 822, 832, 842	\$ 73
48725	Foot Valve, 823, 833, 843	\$ 73
48718	Foot Valve, 910, X18	\$ 72
49164	Foot Valve, 910A, 918A	\$ 73
48726	Foot Valve, 915	\$ 73
48719	Foot Valve, 919	\$ 72
48721	Foot Valve, 920, 930, 940	\$ 72
49165	Foot Valve, 920A, 928A	\$ 72
48727	Foot Valve, 925, 935, 945	\$ 73
48722	Foot Valve, 929, 939, 949	\$ 73
48873	Foot Valve, 3/8" PVC/TFE	\$ 72
49107	Foot Valve, PP/PTFE/CER, 455	\$ 73
49108	Foot Valve, PP/PTFE/CER, 465, 495	\$ 73
49100	Foot Valve, PVC/AFL/CER, 3/468, 3/498, 460, 490	\$ 72
49099	Foot Valve, PVC/AFL/CER, 358, 450, 458	\$ 62
49101	Foot Valve, PVDF/AFL/CER, 352	\$ 73
49102	Foot Valve, PVDF/AFL/CER, 362, 392	\$ 72
49106	Foot Valve, PVDF/AFL/PTFE, 469, 499	\$ 72
49103	Foot Valve, PVDF/PTFE/CER, 353	\$ 73
49104	Foot Valve, PVDF/PTFE/CER, 363, 393	\$ 73
38271	Valve ASM, Foot	\$ 100
27535	Valve ASM, Foot LE-27/37	\$ 629
36358	Valve ASM, Foot 1/2"	\$ 72
38033	Valve ASM, Foot 1/2"	Obsolete
36419	Valve ASM, Foot 1/2" PVDF Polyprel	\$ 72
36346	Valve ASM, Foot 1/4"	\$ 72
36413	Valve ASM, Foot 1/4"	\$ 73
36502	Valve ASM, Foot 1/4" NPT	\$ 72
36352	Valve ASM, Foot 3/8"	\$ 72
37845	Valve ASM, Foot 3/8" PVDF Polyprel	\$ 72
10153	Valve ASM, Foot LE-20/20S	\$ 106
26021	Valve ASM, Foot LE-24/34	\$ 106
26015	Valve ASM, Foot LE-25P	\$ 106
25154	Valve ASM, Foot LE-25T, 35T	\$ 106
10253	Valve ASM, Foot LE-26/26S	\$ 106
25977	Valve ASM, Foot LE-36	\$ 102
33480	Valve ASM, FT LE-32, 32S	\$ 116

Pressure Relief Valves		
Part No.	Description	Price
35635	Pressure Relief, 1/4" PVC	\$ 279
35636	Pressure Relief, 1/4" PP	\$ 304
35844	Pressure Relief, 1/4" PVDF	\$ 1,035
35845	Pressure Relief, 1/4" SS	Obsolete
35639	Pressure Relief, 1/2" PVC	\$ 279
35640	Pressure Relief, 1/2" PP	\$ 279
35848	Pressure Relief, 1/2" PVDF	\$ 1,393
35849	Pressure Relief, 1/2" SS	\$ 1,282
35852	Pressure Relief, 1" PVC	\$ 948
35853	Pressure Relief, 1" PP	\$ 832
35854	Pressure Relief, 1" PVDF	\$ 1,671
35855	Pressure Relief, 1" SS	\$ 1,560

Back Pressure Valves		
Part No.	Description	Price
35637	Back Pressure, 1/4" PVC	\$ 326
35638	Back Pressure, 1/4" PP	\$ 670
35846	Back Pressure, 1/4" PVDF	\$ 1,016
35847	Back Pressure, 1/4" SS	\$ 905
35641	Back Pressure, 1/2" PVC	\$ 272
35642	Back Pressure, 1/2" PP	\$ 287
35850	Back Pressure, 1/2" PVDF	\$ 1,125
35851	Back Pressure, 1/2" SS	\$ 1,011
35856	Back Pressure, 1" PVC	\$ 924
35857	Back Pressure, 1" PP	\$ 789
35858	Back Pressure 1" PVDF	\$ 1,588
35859	Back Pressure, 1" SS	\$ 1,479

Injection Valves & Assemblies		
Part No.	Description	Price
48731	Injection Valve, 8X2	\$ 67
48732	Injection Valve, 8X3	\$ 85
48728	Injection Valve, 9X0, XX8	\$ 67
48729	Injection Valve, 9X5	\$ 70
48730	Injection Valve, 9X9	\$ 70
38027	Valve ASM, INJ 1/2" PVC	Obsolete
37358	Valve ASM, INJ 1/2" PVDF	\$ 85
37360	Valve ASM, INJ 1/4" NPT	\$ 80
38025	Valve ASM, INJ 1/4" PVC	Obsolete
37354	Valve ASM, INJ 1/4" PVDF	\$ 85
37848	Valve ASM, INJ 1/4" PVDF	\$ 104
27080	Valve ASM, INJ 25HV 75HV	\$ 99
38026	Valve ASM, INJ 3/8" PVC	Obsolete
37356	Valve ASM, INJ 3/8" PVDF	\$ 80
25273	Valve ASM, INJ 71FS 81FS	Obsolete
32514	Valve ASM, INJ Check SS	\$ 95
25073	Valve ASM, INJ CHK	Obsolete
25178	Valve ASM, INJ CK	Obsolete
25687	Valve ASM, INJ CK	Obsolete
25029	Valve ASM, INJ CK	Obsolete
26851	Valve ASM, INJ CK LE-20/21	\$ 85
25663	Valve ASM, INJ CK LE-20H	\$ 101
33481	Valve ASM, INJ CK LE-22/32/32S	\$ 115
26716	Valve ASM, INJ CK LE-24/34/24WK/34WK	\$ 129
26710	Valve ASM, INJ CK LE-25P/35P	\$ 140
26758	Valve ASM, INJ CK LE-25T	\$ 101
26751	Valve ASM, INJ CK LE-26	\$ 101
27534	Valve ASM, INJ CK LE-27/37	\$ 753
26713	Valve ASM, INJ CK LE-30/36	\$ 101
32088	Valve ASM, INJ. Check	Obsolete
32515	Valve ASM, Check 316 SS	\$ 77

Valve Seats		
Part No.	Description	Price
10792-1	Valve Seat, .375 X 1/4	\$ 40
26032	Valve Seat, 1/2 NPT PP	\$ 57
26001	Valve Seat, 1/2 NPT PVC	\$ 57
10792	Valve Seat, 1/2 Tubing	\$ 29
31937	Valve Seat, 1/2 Tubing	\$ 52
10492	Valve Seat, 1/2 Tubing PVC	\$ 27
35420	Valve Seat, 1/2" NPT	\$ 212
10492-1	Valve Seat, 1/4 NPT	\$ 29
31561-1	Valve Seat, 1/4 NPT PVDF	\$ 57
28664	Valve Seat, 1/4 Tubing	Obsolete
28882	Valve Seat, 1/4 Tubing	Obsolete
10292	Valve Seat, 3/8 OD TUB PVC	Obsolete
10392	Valve Seat, 3/8 Tubing	Obsolete
25600	Valve Seat, Foot PP	\$ 33
10978	Valve Seat, PP	Obsolete
25649	Valve Seat, PP	\$ 31
30383	Valve Seat, PVC	Obsolete
26839	Valve Seat, PVDF 3/8 TUB	Obsolete
25106	Valve Seat, SUC PP 1/2	\$ 35
10206	Valve Seat, Suction PVC	\$ 24

Tubing Connector Assemblies & Connection Systems		
Part No.	Description	Price
26114	PP, .375" O.D. Tubing x 1/2" NPT M	Obsolete
28381	PP, .250" O.D. Tubing x 1/2" NPT M	\$ 42
10482	PP, .375" O.D. Tubing x 1/4" NPT M	\$ 9
10804	PP, .5" O.D. Tubing x 1/2" NPT M	\$ 42
10895	PVC, .5" O.D. Tubing x 1/2" NPT M	\$ 42
77382	Tubing Connection Kit, 1/4"	\$ 16
77383	Tubing Connection Kit, 3/8"	\$ 16
77384	Tubing Connection Kit, 1/2"	\$ 16
77378	Tubing Connection Kit, 3X6MM	\$ 16
77379	Tubing Connection Kit, 6X8MM	\$ 16
77380	Tubing Connection Kit, 9X12MM	\$ 16
48378	Coupling Nut for Tubing Connection System	\$ 8
28896	Connector ASM,	Obsolete
25650	Connector, 1/2 NPT	\$ 32
10833	Connector, 3/8 Tube PP	\$ 22
28804	Connector, Tubing	Obsolete
50618	Coupling nut, PP, Tubing Containment Kit 1/4" & 3/8"	\$ 91
49216	Right Angle adapter for Autoprime™ LE accessories	\$ 106

AutoPrime Valve Components		
Part No.	Description	Price
48707	Autoprime Discharge Cartridge	\$ 40
48706	Autoprime Discharge Cartridge	\$ 48
48704	Autoprime Discharge Check	\$ 85
48705	Autoprime Discharge Check	\$ 85
48709	Autoprime Shuttle Cartridge	\$ 73
48708	Autoprime Shuttle Valve	\$ 88

FastPrime Valve Components		
Part No.	Description	Price
48767	Discharge Check Valve, SS	\$ 151
48551	Fastprime Cartridge Valve, 915	\$ 25
48549	Fastprime Cartridge Valve, 920	\$ 25
48552	Fastprime Cartridge Valve, 925	\$ 25
48698	Fastprime Cartridge Valve, 929	\$ 25
48848	Fastprime Valve xx8, 9x0	\$ 50
48699	Fastprime Valve, 8X2, 9X9	\$ 42
48700	Fastprime Valve, 8X3	\$ 39
48701	Fastprime Valve, 9X5	\$ 44
48670	Fastprime Discharge CV	\$ 49
48672	Fastprime Discharge CV	\$ 85

Valve Housings		
Part No.	Description	Price
10793-1	Valve Housing, .375 X	\$ 45
25173	Valve Housing, .500 X 1/2 PP	\$ 40
10793	Valve Housing, 1/2	\$ 32
26033	Valve Housing, 1/2 NPT	\$ 60
10493	Valve Housing, 1/2 Tubing PVC	\$ 26
10273	Valve Housing, 1/2 Tubing PVC	\$ 27
31562	Valve Housing, 1/2 Tubing PVDF	\$ 47
35585	Valve Housing, 1/2" NPT	\$ 125
31938	Valve Housing, 1/2" Tubing	\$ 60
28665	Valve Housing, 1/4	Obsolete
28883	Valve Housing, 1/4	Obsolete
10493-1	Valve Housing, 1/4 NPT	\$ 31
31562-1	Valve Housing, 1/4 NPT	\$ 60
10393	Valve Housing, 3/8	Obsolete
10293	Valve Housing, 3/8 OD Tubing PVC	Obsolete
31332	Valve Housing, BARBED PP	\$ 29
30375	Valve Housing, PVC	Obsolete
26840	Valve Housing, PVDF 3/8	Obsolete
25199	Valve Housing, UHMWPE	\$ 67
26024	Valve, 1/2 NPT PVC	\$ 62

Tubing*		
Part No.	Description	Price
25636-500	Tubing PE, .250 OD X .062, 500 FEET	\$ 580
28636-500	Tubing PE, .250 OD X .062, 500 FEET	\$ 617
25636-16	Tubing PE, .250 X .062, 16 FEET	\$ 24
27342-500	Tubing PE, .375 OD X .062, 500 FEET	\$ 735
27142-500	Tubing PE, .500 OD X .062, 500 FEET	\$ 661
10469-500	Tubing VINYL, .375 OD X .062, 500 FT	\$ 556
10469-06	Tubing VINYL, .375 OD X .062, 6 FEET	\$ 10
25651-50	Tubing VINYL, .938 OD X .15, 50 FT	\$ 577
10342-500	Tubing, .375 OD X .062 PE, 500 FEET	\$ 556
10142-500	Tubing, .500 OD X .062 PE, 500 FEET	\$ 591
10141-500	Tubing, .500 OD X .062 VINYL, 500 FEET	Obsolete
54783	Tubing, UV Kit, 1/4"	Obsolete
54784	Tubing, UV Kit, 3/8"	\$ 57

Note*-To purchase tubing in foot increments, contact your local distributor.

Cords & Cordsets		
Part No.	Description	Price
30926	Cord ASM, 115V	\$ 57
26293	Cord ASM, 115V B & C	\$ 57
29033CE	Cord ASM, 115V CE	\$ 57
26297	Cord ASM, 220-250V DIN B	\$ 33
29788	Cord ASM, 240V	\$ 34
48851	Cord, POWER USA 120V	\$ 57
48231	Cord, POWER USA 120V	Obsolete
48852	Cord, POWER USA 230V	\$ 57
48414	Cordset, 5-PIN REVERSE KEY	\$ 79
48414	Cordset, 5 pin, 2M / 6.6 FT	\$ 79
49035	Cordset, 6 pin, 2M / 6.6 FT	\$ 101
48488	Cordset, Adapter, Old 4 pin to 5 pin	\$ 73
57958	Cable Adapter, MP-100 for PD7	\$ 96

Connectors & Cable Assemblies		
Part No.	Description	Price
49253	3 Pin Connector (4 Pin standard key)	\$ 96
33796	Cable ASM, 4 PIN/4 WIRE	\$ 56
33738	Cable ASM, 8 PIN/8WIRE	\$ 49
33833	Cable ASM, HALL EFFECT	\$ 98
31277	Connector ASM, 8 PIN	\$ 37
25643	Connector FEMALE, Cable 4-PIN	\$ 15
25644	Connector MALE, Cable 4-PIN	\$ 29
48490	Connector, 5-PIN REVERSE KEY	\$ 62
50503-15	EXTENSION Cable, 15 M / 49.2FT	\$ 269
50503-6	EXTENSION Cable, 6 M / 19.7FT	\$ 157
26034-20	Cable Asm, 4-Pin Extension 20'	\$ 101
26034-50	Cable Asm, 4-Pin Extension 50'	\$ 168
31396-25	Cable Asm, 8-Pin Extension 25'	\$ 363
50703	Cable ASM, Hall Effect - EXCEL AD9	\$ 179
50503-6	5 Pin Extension Cable, 6 M / 19.7 FT	\$ 157
50684-6	6 Pin Extension Cable, 6 M / 19.7 FT	\$ 219

Control Panel Assemblies		
Part No.	Description	Price
48594	Control Panel AD2	\$ 219
50663	PULSER ASM, AD2	\$ 468
48595	Control Panel AD8	\$ 238
50664	PULSER ASM, AD8	\$ 502
48596	Control Panel AD9	\$ 249
50665	PULSER ASM, AD9	\$ 618
33212	Control Panel ASM, 230V	\$ 738
36229	Control Panel ASM, B121, B131, B141	\$ 453
33211	Control Panel ASM, B7/C7	\$ 676
34093	Control Panel ASM, B711	\$ 676
35895CE	Control Panel ASM, B92/B93/B94 115V	\$ 1,647
36237	Control Panel ASM, C101/C111	\$ 466
36240	Control Panel ASM, C121	\$ 399
36243	Control Panel ASM, C131	\$ 466
36246	Control Panel ASM, C141	\$ 421
33814	Control Panel ASM, C701/C711	\$ 598
33816	Control Panel ASM, C721	\$ 959
33817	Control Panel ASM, C72x	\$ 769
33818	Control Panel ASM, C731	\$ 769
33819	Control Panel ASM, C73x	\$ 769
33821	Control Panel ASM, C74x	\$ 769
33822	Control Panel ASM, C781	\$ 769
33823	Control Panel ASM, C78x	\$ 769
35960CE	Control Panel ASM, C901/C911 115V	\$ 1,209
35962CE	Control Panel ASM, C921 115 V	\$ 1,209
35964CE	Control Panel ASM, C931 115V	\$ 1,209
35966CE	Control Panel ASM, C941 115V	\$ 1,209
33820	Panel ASM, CONTROL	\$ 836
36256	Panel W/NAMEPLATE, B1/C1	\$ 42
10627	Varistor ASM, 220-250V	\$ 15
31255	Varistor ASM, 240V	\$ 14
31898	STROKE ADJ ASM, B SERIES	\$ 100
36254	PULSER, FIXED	\$ 130

EPU & Spacers		
Part No.	Description	Price
26893	EPU & Spacer ASM, "B"	\$ 638
26893CE	EPU & Spacer ASM, "B"	\$ 638
26897	EPU & Spacer ASM, "B"	\$ 638
32534CE	EPU & Spacer ASM, "C"	\$ 1,045
32536CE	EPU & Spacer ASM, "C"	\$ 1,045
32534	EPU & Spacer ASM, "C" 1.8SI 120V	\$ 1,045
32536	EPU & Spacer ASM, "C" 3.0SI 120V	\$ 1,045
32329	EPU & Spacer ASM, C771	\$ 1,305
30240	EPU ASM W/DISK, 0.5	\$ 359
30107	EPU ASM W/DISK, 0.5	\$ 359
30242	EPU ASM W/DISK, 0.9	\$ 359
32158CE	EPU ASM, 120V C7 C9 CE	\$ 846
32314	EPU ASM, 120V C781	\$ 1,305
32158	EPU ASM, 120V, CX01,CX11	\$ 846
32159	EPU ASM, 220/240V	\$ 846
30154	EPU ASM, 3.0 82 OHMS	\$ 359
32239	EPU ASM, C761/C771	\$ 1,305
31929CE	EPU W/STROKE ADJ, "B"	\$ 552
31927CE	EPU W/STROKE ADJ, "B"	\$ 638
31927	EPU W/STROKE ADJ, "B" 0.9 115V (D SHAFT)	\$ 638
31929	EPU W/STROKE ADJ, "B" 1.8 115V (D SHAFT)	\$ 638
30155	EPU, 3.0 330 OHMS	\$ 262
30531	EPU, 3.0 313 OHMS 240V	\$ 380
31862	EPU, 3.0 82 OHMS	\$ 253
30530	EPU, 3.0 82 OHMS 120 V	\$ 359
35394	Spacer W/PLUG 5X5 1.8	\$ 88
35395	Spacer W/PLUG 5X5 3.0	\$ 88
35837	Spacer, 0.9 W/O Bosses	\$ 86
35838	Spacer, 1.8 W/O Bosses	\$ 129
27516	Spacer, 1.8SI 4.2C	\$ 148
35839	Spacer, 3.0 W/O Bosses	\$ 122
27517	Spacer, 3.0SI 4.2C	\$ 86
36905	Spacer, FM-PRO	\$ 21

Seal Ring Kits		
Part No.	Description	Price
25197	Kit, Seal Ring PTFE 1/2" Ball	\$ 50
10930	Kit, Seal Ring , PTFE 3/8" Ball	\$ 41
10884	Kit, Seal ring, Viton® 1/2" Ball	\$ 72
10928	Kit, Seal ring, Viton® 3/8" Ball	\$ 35
29570	Kit, Seal Ring, Polyprel® 3/8" Ball	\$ 49

Accessories		
Part No.	Description	Price
10461	Pump Mounting Kit	\$ 32
34643	Polypropylene Wall Bracket Asm w/ mounting hardware	\$ 96
48603	Clear Cover for EXCEL™ AD	\$ 20
37144	Kit, Hastelloy C head screws [4], 10-24 x 0.75	\$ 143

Heads		
Part No.	Description	Price
28390	Head, 0.5 Acrylic	\$ 211
38571	Head, 0.5 Acrylic HV	\$ 293
38571-1	Head, 0.5 Acrylic HV	\$ 413
38578	Head, 0.5 Machined	\$ 197
38579	Head, 0.5 Machined PVC	\$ 179
37750	Head, 0.5 Molded PVC	\$ 77
37980	Head, 0.5 Molded PVDF(DEEP COR	\$ 115
28391	Head, 0.5 PP	\$ 309
38572	Head, 0.5 PP HV	\$ 254
38572-1	Head, 0.5 PP HV	\$ 378
29609	Head, 0.5 PVDF	\$ 127
32506	Head, 0.5 SS 316	\$ 431
38568	Head, 0.9 Acrylic HV	\$ 211
25550	Head, 0.9 Acrylic HV	\$ 234
38568-1	Head, 0.9 Acrylic HV	\$ 247
38561	Head, 0.9 Machined	\$ 197
38562	Head, 0.9 Machined PVC	\$ 164
37752	Head, 0.9 Molded PVC	\$ 88
38569-1	Head, 0.9 PP HV	\$ 250
38569	Head, 0.9 PP HV	\$ 263
26050-1	Head, 0.9 PP HV	\$ 368
29611	Head, 0.9 PVDF	\$ 180
32507	Head, 0.9 SS 316	\$ 489
38592	Head, 1.8 Acrylic HV	\$ 219
38592-1	Head, 1.8 Acrylic HV	\$ 259
38595	Head, 1.8 Acrylic MACH	\$ 226
37742	Head, 1.8 Machined PVC	\$ 293
37754	Head, 1.8 Molded PVC	\$ 146
38593	Head, 1.8 PP HV	\$ 232
26040	Head, 1.8 PP HV	\$ 287
38593-1	Head, 1.8 PP HV	\$ 317
38596	Head, 1.8 PVC Machined	\$ 231
27214	Head, 1.8 PVDF	\$ 146
32508	Head, 1.8 SS 316	\$ 558
27511	Head, 1.8 UHMWPE SLURRY	\$ 268
27394	Head, 3.0 316 SS	\$ 1,729
10524	Head, 3.0 Acrylic	\$ 310
10524-3	Head, 3.0 Acrylic	\$ 322
37745	Head, 3.0 Machined PVC	\$ 258
37756	Head, 3.0 Molded PVC	\$ 163
10681	Head, 3.0 PP	\$ 405
10681-4	Head, 3.0 PP	\$ 585
10681-3	Head, 3.0 PP HV	\$ 351
10525	Head, 3.0 PVC	\$ 310
31053	Head, 3.0 PVDF Molded	\$ 192
32509	Head, 3.0 SS 316	\$ 465
25718	Head, 6.0 Acrylic	\$ 523
25906	Head, 6.0 PP	\$ 363
25906-3	Head, 6.0 PP HV	\$ 419
25905	Head, 6.0 PVC	\$ 363
48429	Head, Autoprime SC3 PVC	\$ 197
48743	Head, Autoprime, 0.5 ACL	\$ 214
48744	Head, Autoprime, 0.9 ACL	\$ 260
48745	Head, Autoprime, 1.8 ACL	\$ 206
48748	Head, Autoprime, 1.8 PVC	\$ 289
50529	Head, Autoprime, 3.0 ACL	\$ 349
50530	Head, Autoprime, 3.0 PVC	\$ 214
48422	Head, Autoprime, SC1 ACL	\$ 338
48423	Head, Autoprime, SC1 PVC	\$ 172
48425	Head, Autoprime, SC2 ACL	\$ 214
48426	Head, Autoprime, SC2 PVC	\$ 207
48428	Head, Autoprime, SC3 ACL	\$ 290
48431	Head, Autoprime, SC4 ACL	\$ 314
48432	Head, Autoprime, SC4 PVC	\$ 187

Heads		
Part No.	Description	Price
36156	Head, Machined 0.5 Acrylic	\$ 231
36157	Head, Machined 0.9	\$ 178
36159	Head, Machined 3.0	\$ 267
49329	Head, Machined SC2 HV Acrylic	\$ 186
49332	Head, Machined SC2 HV Ported PP	\$ 390
49331	Head, Machined SC2 HV PP	\$ 167
49334	Head, Machined SC3 HV Acrylic	\$ 227
49337	Head, Machined SC3 HV Ported PP	\$ 390
49336	Head, Machined SC3 HV PP	\$ 167
49339	Head, Machined SC4 HV Acrylic	\$ 187
49342	Head, Machined SC4 HV Ported PP	\$ 390
49341	Head, Machined SC4 HV PP	\$ 167
48214	Head, Machined, SC1 ACL	\$ 170
48216	Head, Machined, SC1 PP	\$ 208
48218	Head, Machined, SC2 ACL	\$ 176
48220	Head, Machined, SC2 PP	\$ 182
48219	Head, Machined, SC2 PVC	\$ 136
48222	Head, Machined, SC3 ACL	\$ 316
48224	Head, Machined, SC3 PP	\$ 190
48226	Head, Machined, SC4 ACL	\$ 192
36128	Head, Molded 3.0 PVDF	\$ 216
48363	Head, Molded Fastprime SC2	\$ 93
48364	Head, Molded Fastprime SC2	\$ 99
48366	Head, Molded Fastprime SC3	\$ 146
48367	Head, Molded Fastprime SC3	\$ 161
48370	Head, Molded Fastprime SC4	\$ 145
48369	Head, Molded Fastprime SC4	\$ 151
48471	Head, SC1, 316 SS	\$ 465
48472	Head, SC2, 316 SS	\$ 454
48473	Head, SC3, 316 SS	\$ 465
48474	Head, SC4, 316 SS	\$ 465

Pump Housings		
Part No.	Description	Price
28970	Housing ASM, 115V B7 BE	\$ 232
49031	Housing ASM, 120 V	Obsolete
28983	Housing ASM, 220-240V	\$ 246
35949CE	Housing ASM, B9X1/C9X1	\$ 249
35956CE	Housing ASM, B9X6/C9X6	\$ 268
32405	Housing ASM, C7X6	\$ 258
28925	Housing LESS WIRES	\$ 141
35398	Housing, 5 X 5 W/PG9	\$ 134
48599	Housing, AD	\$ 309
29256	Housing, B1 SERIES	\$ 200
35890	Housing, B9/C9	\$ 284
35404	Housing, LESS WIRES	\$ 238

Liquiframs		
Part No.	Description	Price
30916	Liquifram, 0.5 Fluorfilm	\$ 91
30917	Liquifram, 0.9 Fluorfilm	\$ 96
31420	Liquifram, 1.8 Fluorfilm	\$ 101
31419	Liquifram, 3.0 Fluorfilm (NON FABRIC)	\$ 106
25719	Liquifram, 6.0 Fluorfilm (NON FABRIC)	\$ 146
55322	Liquifram, SC0 Fluorfilm	\$ 91
48186	Liquifram, SC1	\$ 91
48187	Liquifram, SC2	\$ 96
48188	Liquifram, SC3	\$ 101
48189	Liquifram, SC4	\$ 106

**VOLUME SPARES
SOLD IN QTY MULTIPLIES SPECIFIED**

Balls			
Part No.	Description	QTY	Price
26323	Ball GUIDE, .500 DIA	10	\$ 100
26025	Ball, .188 Teflon	10	Obsolete
10338	Ball, .375 Ceramic	10	\$ 60
10659	Ball, .375 SS	10	\$ 70
10444	Ball, .375 Teflon	10	\$ 70
10138	Ball, .500 Ceramic	10	\$ 110
25042	Ball, .500 SS	10	\$ 70
10601	Ball, .500 Teflon	10	\$ 90

Bushings			
Part No.	Description	QTY	Price
27301	Bushing, .375 ID X .375	10	\$ 100
25344	Bushing, .71ID X .75OD X .75 NY	10	\$ 50
32862	Bushing, SHAFT AX1S	10	Obsolete

Cartridges			
Part No.	Description	QTY	Price
36303	Cartridge ASM, .281	10	\$ 370
36304	Cartridge ASM, .281	10	\$ 370
36307	Cartridge ASM, .375 [PVDF/POLYPREL]	10	\$ 250
36306	Cartridge ASM, .375 [PVDF/Teflon]	10	\$ 370
37857	Cartridge ASM, .375 PVC/POLYPREL	10	\$ 250
49097	Cartridge SUB ASM, Spring	10	\$ 400
37334	Liquid End Cartridge	10	\$ 250
37337	Liquid End Cartridge	10	\$ 250
37858	Liquid End Cartridge	10	\$ 250
37859	Liquid End Cartridge	10	\$ 250
37335	Liquid End Cartridge	10	\$ 300
37338	Liquid End Cartridge	10	\$ 300
48545	Cartridge Valve, 915, 813	10	\$ 250
48543	Cartridge Valve, 920, 930, 940	10	\$ 250
48546	Cartridge Valve, 925, 935, 945	10	\$ 250
48692	Cartridge Valve, 929, 939, 949	10	\$ 250
48795	Injection VLV Cartridge	10	\$ 250

Connectors			
Part No.	Description	QTY	Price
27397	CONNECTOR, MALE 35	10	\$ 110

Liquid End Adapter Disks			
Part No.	Description	QTY	Price
29445	Disk, 0.5	10	\$ 100
29437	Disk, 0.9	10	\$ 90
48167	Disk, LE Adapter SC1	10	\$ 100
48168	Disk, LE Adapter SC2	10	\$ 110
48169	Disk, LE Adapter SC3	10	\$ 90
48170	Disk, LE Adapter SC4	10	\$ 90

Ferrules			
Part No.	Description	QTY	Price
50508	Ferrule 1/4" ferrule kit (50 pcs)	50*	\$ 62
50509	Ferrule 3/8" ferrule kit	50*	\$ 123
50510	Ferrule 1/2" ferrule kit	50*	\$ 123

Gaskets			
Part No.	Description	QTY	Price
30803	Gasket, NEOPRENE	10	\$ 30
34118	Gasket, PACK JOINT	10	\$ 90
34115	Gasket, PACK JOINT	10	\$ 60
10465	GROMMET, .25 X .56 NEOPRENE	10	\$ 30

Labels			
Part No.	Description	QTY	Price
30643	Label COVER, CLEAR	50	\$ 150
35184	Label SET, SILVER (BLANK)	50	\$ 200
28410	Label, MODEL # FIELD	10	\$ 50

Knobs and Stroke Dials			
Part No.	Description	QTY	Price
31891	KNOB ASM, "B" SERIES	10	\$ 140
30709	KNOB, PUSH-ON	10	\$ 100
27097	STICKER, Stroke Dial DX4	10	\$ 80
25882	Stroke Dial, BX1	10	\$ 80
32465	Stroke Dial, CX1	10	\$ 80
32466	Stroke Dial, CX2/CX6	10	\$ 80
32467	Stroke Dial, CX3	10	\$ 90

Boxes and Packing Inserts			
Part No.	Description	QTY	Price
30414	Box, "U" AND "P" PUMP	10	\$ 110
37394	Box, 15 1/8 X 10 5/8 X 10 13/16 BROWN PRIN	10	\$ 190
27226	Box, 20 1/4 X 20 1/4 X 31	10	\$ 620
25299	Box, OUTER 12 X 9 X 11	10	\$ 130
25970	Box, Tank 50 GALLON	10	\$ 800
31032	INSERT, "B" SERIES	10	\$ 60
25301	INSERT, PACKING PSF	10	\$ 200

Brackets			
Part No.	Description	QTY	Price
10746	BRACKET, PUMP HOLD-DOWN	10	\$ 130

Cap Plug Assemblies			
Part No.	Description	QTY	Price
36280	Cap ASM, A/S	10	Obsolete
36260	Cap ASM, Relief	10	Obsolete
25985	Cap ASM, Tank	10	\$ 210
10437	Cap, Plug .516 OD PE	10	\$ 30
27039	Cap, Plug 5.25OD PE	10	\$ 70
26779	Cap, Plug PE Black 10 GAL Tank	10	\$ 40
25125	Cap, SLEEVE .69OD PE	10	\$ 30
25630	Cap, Tube	10	\$ 30
34114	Plug, Audio 3.5 MM	10	\$ 50
10436	Plug, Cap .375 OD, PE (Yellow)	10	\$ 30
30744	Plug, Cap 1-14	10	\$ 30
10346	Plug, PE (Black)	10	\$ 30
25648	Plug, 3/4 - 16 PP Yellow	10	\$ 40

Tubing and Hose Clamps			
Part No.	Description	QTY	Price
37203	Clamp Ring, 1/2" Tubing SST	50	\$ 200
26136	Clamp Ring, 3/8 OD Tubing	50	\$ 200
25652	Clamp, Hose	10	\$ 80

Coupling Nuts and Relief Tubing Nuts			
Part No.	Description	QTY	Price
10411	Coupling Nut, PP 1/2	10	\$ 100
10299	Coupling Nut, PP 3/8	10	\$ 80
25628	Nut, 6-32 X HEX SS	10	\$ 50
25631	Nut, Relief Tubing	10	\$ 60

Plastic Dowel			
Part No.	Description	QTY	Price
28898	DOWEL, PLASTIC .250 OD X 1.75L	10	\$ 40

Fittings			
Part No.	Description	QTY	Price
48791	Fitting DBL Ball w/ O-Ring, PVC/Polyprel®	10	\$ 210
48792	Fitting DBL Ball w/ O-Ring, PVDF/Polyprel®	10	\$ 210
48793	Fitting DBL Ball w/ O-Ring, PVDF/PTFE	10	\$ 210
48794	Fitting DBL Ball w/ O-Ring, Polyprel®/PTFE	10	\$ 210
48787	Fitting SGL Ball w/ O-Ring, PVC/Polyprel®	10	\$ 190
48788	Fitting SGL Ball w/ O-Ring, PVDF/Polyprel®	10	\$ 190
48789	Fitting SGL Ball w/ O-Ring, PVDF/PTFE	10	\$ 190
48790	Fitting SGL Ball w/ O-Ring, Polyprel®/PTFE	10	\$ 190
37763	Fitting with Washer	10	Obsolete
37765	Fitting with Washer	10	Obsolete
37767	Fitting with Washer	10	Obsolete
37769	Fitting with Washer	10	Obsolete
37117	Fitting with Washer, 1/2" Tubing PVDF (CART)	10	\$ 270
37119	Fitting with Washer, 1/4" NPT PVDF (CART)	10	\$ 270
37113	Fitting with Washer, 1/4" Tubing PVDF (CART)	10	\$ 270
37115	Fitting with Washer, 3/8" Tubing PVDF (CART)	10	\$ 270
48617	Fitting, Injection VLV, PVC	10	\$ 210
48618	Fitting, Injection VLV, PVDF	10	\$ 300
26841	Fitting, Injector	10	Obsolete
25108	Fitting, Injector 1/2 PP	10	\$ 330
10394	Fitting, Injector 3/8 PP	10	Obsolete
10294	Fitting, Injector PVC	10	Obsolete
37351	Fitting, Liquipro	10	\$ 330

Liquid End Hardware			
Part No.	Description	QTY	Price
49109	Liquid End Hardware, 4XX, DX	10	\$ 90
48703	Liquid End Hardware, 7XX, 8XX	10	\$ 90
48702	Liquid End Hardware, 9XX	10	\$ 90

**VOLUME SPARES
SOLD IN QTY MULTIPLIES SPECIFIED**

Seal Rings & Retaining Rings			
Part No.	Description	QTY	Price
48313	RETAINING Ring, 8MM	10	\$ 70
34116	Ring, ANTI-FRICTION	10	\$ 70
10422	Ring, RETAINING	10	\$ 30
27253	Ring, RETAINING EXT 3/8	10	\$ 30
10407	Ring, Seal .375 Teflon	10	\$ 80
10207	Ring, Seal .375 VITON	10	\$ 110
25128	Ring, Seal .500 Teflon	10	\$ 170
10228	Ring, Seal .500 VITON	10	\$ 150

Springs			
Part No.	Description	QTY	Price
27034	Spring & PAD ASM, D	10	\$ 40
25558	Spring, .42 X .24 X 1.0	10	\$ 80
37539	Spring, CLEAR PVDF	10	\$ 190
30348	Spring, COATED	10	\$ 420
37341	Spring, COMPRESSION	10	\$ 70
37349	Kit, REPLACEMENT, Spring LOADED Liquipro II	10	\$ 150

Coupling Knobs			
Part No.	Description	QTY	Price
48646	Coupling KNOB, 4FV	10	\$ 80
48646	Coupling KNOB, 4FV	10	\$ 80
36204	Coupling, Foot Valve PP	10	\$ 220

Other			
Part No.	Description	QTY	Price
27401	NIPPLE, 1/4 CLOSE PVC	10	\$ 90
35744	PIN, DUAL	10	\$ 60
35743	SHAFT, SPEED ADJ	10	\$ 60
10322	WEIGHT, SUCTION Tubing	10	\$ 80
48622	4FV Bleed Nut - Roytronic	10	\$ 80
27352	FLAPPER Valve,	10	\$ 90
10123	STRAINER, Foot Valve PP	10	\$ 90

O-Rings			
Part No.	Description	QTY	Price
36103	O-Ring, .549 ID X .103 W POLYPREL	10	\$ 50
33264	O-Ring, .674 ID X .103 W POLYPREL	10	\$ 40
26983	O-Ring, .937 ID X .139 W	10	\$ 70
34497	O-Ring, 0.25ID x 0.437OD	10	\$ 30
48347	O-Ring, 2-008 80D AFLAS	10	\$ 30
48349	O-Ring, 2-111, 80DUR AFLAS	10	\$ 50
10166	O-Ring, 3.989 ID X .070 W BUNA N	10	\$ 80
35269	O-Ring, 4.984 ID X .139	10	\$ 120
48590	O-Ring, PTFE, 2-007 , WHITE	10	\$ 30
48591	O-Ring, PTFE, 2-111	10	\$ 50
48589	O-Ring, PTFE, 2-113	10	\$ 50

Screws			
Part No.	Description	QTY	Price
30856	SCREW, 10-24 1.25L SS	10	\$ 40
10598	SCREW, 10-24 X .625 PH SS	10	\$ 30
10340	SCREW, 10-24 X .75 PH SS	10	\$ 40
25127	SCREW, 10-24 X 4.5 RH SS	10	\$ 80

Shims			
Part No.	Description	QTY	Price
32654	SHIM, .020 THICK 4.2	10	\$ 90
27586	SHIM, 3.5S 4.2C NY	10	\$ 30

Stud Assemblies			
Part No.	Description	QTY	Price
27641-1	STUD ASM, 3.0 SI 4.2C	10	\$ 100
27641	STUD ASM, 3.5 SI 4.2C	10	\$ 110

Varistor			
Part No.	Description	QTY	Price
10626	VARISTOR ASM, 115V	10	\$ 100

Washers			
Part No.	Description	QTY	Price
38490	Washer, FLAT #10 SS 316	10	\$ 30
30970	Washer, PLUNGER ASM	10	\$ 70
36107	Washer, Cartridge Valve	10	\$ 30

PARTS by Number

Part Number	Description	UM	Price
10123	STRAINER, FOOT VALVE PP	EA	\$ 9.00
10138	BALL, .500 CERAMIC	EA	\$ 11.00
10153	VALVE ASM, FOOT LE-20/20S	EA	\$ 106.00
10166	O-RING, 3.989 ID X .070 W Buna N	EA	\$ 8.00
10206	VALVE SEAT, SUCTION PVC	EA	\$ 24.00
10207	RING, SEAL .375 VITON	EA	\$ 11.00
10228	RING, SEAL .500 VITON	EA	\$ 15.00
10253	VALVE ASM, FOOT LE-26/26S	EA	\$ 106.00
10273	VALVE HOUSING, 1/2 TUBING PVC	EA	\$ 27.00
10292	VALVE SEAT, 3/8 OD TUB PVC	EA	Obsolete
10293	VALVE HOUSING, 3/8 OD TUBING PVC	EA	Obsolete
10294	FITTING, INJECTOR PVC	EA	Obsolete
10299	COUPLING NUT, PP 3/8	EA	\$ 8.00
10322	WEIGHT, SUCTION TUBING	EA	\$ 8.00
10338	BALL, .375 CERAMIC	EA	\$ 6.00
10340	SCREW, 10-24 X .75 PH SS	EA	\$ 4.00
10346	PLUG, PE (BLACK)	EA	\$ 3.00
10392	VALVE SEAT, 3/8 TUBING	EA	Obsolete
10393	VALVE HOUSING, 3/8	EA	Obsolete
10394	FITTING, INJECTOR 3/8 PP	EA	Obsolete
10407	RING, SEAL .375 TEFLON	EA	\$ 8.00
10411	COUPLING NUT, PP 1/2	EA	\$ 10.00
10422	RING, RETAINING	EA	\$ 3.00
10436	PLUG, CAP .375 OD, PE (YELLOW)	EA	\$ 3.00
10437	CAP, PLUG .516 OD PE	EA	\$ 3.00
10444	BALL, .375 TEFLON	EA	\$ 7.00
10465	GROMMET, .25 X .56 NEOPRENE	EA	\$ 3.00
10492	VALVE SEAT, 1/2 TUBING PVC	EA	\$ 27.00
10493	VALVE HOUSING, 1/2 TUBING PVC	EA	\$ 26.00
10524	HEAD, 3.0 ACRYLIC	EA	\$ 310.00
10525	HEAD, 3.0 PVC	EA	\$ 310.00
10561	VALVE ASM, DIS LE-20	EA	\$ 62.00
10562	VALVE ASM, SUC LE-20/21	EA	\$ 52.00
10563	VALVE ASM, DIS LE-26	EA	\$ 72.00
10564	VALVE ASM, SUC LE-26/26S	EA	\$ 52.00
10590	AGITATOR, 34" SS 115V	EA	\$ 650.00
10598	SCREW, 10-24 X .625 PH SS	EA	\$ 3.00
10601	BALL, .500 TEFLON	EA	\$ 9.00
10626	VARIATOR ASM, 115V	EA	\$ 10.00
10627	VARIATOR ASM, 220-250V	EA	\$ 15.00
10659	BALL, .375 SS	EA	\$ 7.00
10681	HEAD, 3.0 PP	EA	\$ 405.00
10746	BRACKET, PUMP HOLD-DOWN	EA	\$ 13.00
10792	VALVE SEAT, 1/2 TUBING	EA	\$ 29.00
10793	VALVE HOUSING, 1/2	EA	\$ 32.00
10804	CONNECTOR ASM	EA	\$ 42.00
10833	CONNECTOR, 3/8 TUBE PP	EA	\$ 22.00
10884	KIT, SEAL RING VITON 1/2	EA	\$ 72.00
10895	CONNECTOR ASM	EA	\$ 42.00
10928	KIT, SEAL RING VITON 3/8	EA	\$ 35.00
10930	KIT, SEAL RING TEFLON	EA	\$ 41.00
10978	VALVE SEAT, PP	EA	Obsolete
25029	VALVE ASM, INJ CK	EA	Obsolete
25042	BALL, .500 SS	EA	\$ 7.00
25073	VALVE ASM, INJ CHK	EA	Obsolete
25106	VALVE SEAT, SUC PP 1/2	EA	\$ 35.00
25108	FITTING, INJECTOR 1/2 PP	EA	\$ 33.00
25125	CAP, SLEEVE .690D PE	EA	\$ 3.00
25127	SCREW, 10-24 X 4.5 RH SS	EA	\$ 8.00
25128	RING, SEAL .500 TEFLON	EA	\$ 17.00
25154	VALVE ASM, FOOT LE-25T, 35T	EA	\$ 106.00
25156	VALVE ASM, DIS LE-25T	EA	\$ 86.00
25157	VALVE ASM, SUC LE-25T	EA	\$ 66.00
25173	VALVE HOUSING, .500 X 1/2 PP	EA	\$ 40.00
25178	VALVE ASM, INJ CK	EA	Obsolete
25197	KIT, SEAL RING TEFLON	EA	\$ 50.00
25199	VALVE HOUSING, UHMWPE	EA	\$ 67.00
25201	VALVE ASM, DIS LE-82T	EA	\$ 55.00
25202	VALVE ASM, SUC LE-82T	EA	\$ 45.00
25273	VALVE ASM, INJ 71FS 81FS	EA	Obsolete
25290	AGITATOR, 34" SS	EA	\$ 661.00
25292	AGITATOR, 34" N 220-240V	EA	\$ 762.00
25299	BOX, OUTER 12 X 9 X 11	EA	\$ 13.00
25301	INSERT, PACKING PSF	EA	\$ 20.00
25335	NOZZLE ASM, CORP STOP	EA	\$ 77.00
25344	BUSHING, .71ID X .75OD X .75 NY	EA	\$ 5.00
25411	VALVE ASM, DIS LE-26T	EA	\$ 68.00
25412	VALVE ASM, SUC LE-26T	EA	\$ 57.00
25550	HEAD, 0.9 ACRYLIC HV	EA	\$ 234.00
25558	SPRING, .42 X .24 X 1.0	EA	\$ 8.00
25600	VALVE SEAT, FOOT PP	EA	\$ 33.00
25628	NUT, 6-32 X HEX SS	EA	\$ 5.00
25630	CAP, TUBE	EA	\$ 3.00

Part Number	Description	UM	Price
25631	NUT, RELIEF TUBING	EA	\$ 6.00
25643	CONNECTOR FEMALE, CABLE 4-PIN	EA	\$ 15.00
25644	CONNECTOR MALE, CABLE 4-PIN	EA	\$ 29.00
25648	PLUG, 3/4 - 16 PP YELLOW	EA	\$ 4.00
25649	VALVE SEAT, PP	EA	\$ 31.00
25650	CONNECTOR, 1/2 NPT	EA	\$ 32.00
25652	CLAMP, HOSE	EA	\$ 8.00
25661	VALVE ASM, DIS LE-76/86,	EA	\$ 70.00
25662	VALVE ASM, SUC LE-76/86,	EA	\$ 60.00
25663	VALVE ASM, INJ CK LE-20H	EA	\$ 101.00
25687	VALVE ASM, INJ CK	EA	Obsolete
25718	HEAD, 6.0 ACRYLIC	EA	\$ 523.00
25719	LIQUIFRAM, 6.0 FLUOROFILM (NON FABRIC)	EA	\$ 146.00
25882	STROKE DIAL, BX1	EA	\$ 8.00
25905	HEAD, 6.0 PVC	EA	\$ 363.00
25906	HEAD, 6.0 PP	EA	\$ 363.00
25970	BOX, TANK 50 GALLON	EA	\$ 80.00
25977	VALVE ASM, FOOT LE-36	EA	\$ 102.00
25985	CAP ASM, TANK	EA	\$ 21.00
26001	VALVE SEAT, 1/2 NPT PVC	EA	\$ 57.00
26013	VALVE ASM, DIS LE-25P/35	EA	\$ 100.00
26014	VALVE ASM, SUC LE-35P	EA	\$ 86.00
26015	VALVE ASM, FOOT LE-25P	EA	\$ 106.00
26019	VALVE ASM, DIS LE-34	EA	\$ 96.00
26020	VALVE ASM, SUC LE-24	EA	\$ 77.00
26021	VALVE ASM, FOOT LE-24/34	EA	\$ 106.00
26024	VALVE, 1/2 NPT PVC	EA	\$ 62.00
26025	BALL, .188 TEFLON	EA	Obsolete
26032	VALVE SEAT, 1/2 NPT PP	EA	\$ 57.00
26033	VALVE HOUSING, 1/2 NPT	EA	\$ 60.00
26040	HEAD, 1.8 PP HV	EA	\$ 287.00
26136	CLAMP RING, 3/8 OD TUBING	EA	\$ 4.00
26293	CORD ASM, 115V B & C	EA	\$ 57.00
26297	CORD ASM, 220-250V DIN B	EA	\$ 33.00
26323	BALL GUIDE, .500 DIA	EA	\$ 10.00
26350	TANK AND COVER ASM	EA	\$ 468.00
26576	MOTOR, AGITATOR 115V	EA	\$ 539.00
26577	SHAFT ASM, AGITATOR 35"	EA	\$ 223.00
26579	FLANGE, AGITATOR MOUNTING	EA	\$ 81.00
26637	COVER, TANK 50 GALLON	EA	\$ 161.00
26710	VALVE ASM, INJ CK LE-25P/35P	EA	\$ 140.00
26713	VALVE ASM, INJ CK LE-30/36	EA	\$ 101.00
26716	VALVE ASM, INJ CK LE-24/34/24WK/34WK	EA	\$ 129.00
26731	SWITCH ASM, LL 115V	EA	\$ 581.00
26732	SWITCH ASM, LL 230V	EA	\$ 605.00
26751	VALVE ASM, INJ CK LE-26	EA	\$ 101.00
26758	VALVE ASM, INJ CK LE-25T	EA	\$ 101.00
26779	CAP, PLUG PE BLACK 10 GAL TANK	EA	\$ 4.00
26839	VALVE SEAT, PVDF 3/8 TUB	EA	Obsolete
26840	VALVE HOUSING, PVDF 3/8	EA	Obsolete
26841	FITTING, INJECTOR	EA	Obsolete
26851	VALVE ASM, INJ CK LE-20/21	EA	\$ 85.00
26893	EPU & SPACER ASM, "B"	EA	\$ 638.00
26897	EPU & SPACER ASM, "B"	EA	\$ 638.00
26900	TANK ASM, SATURATOR	EA	\$ 396.00
26983	O-RING, .937 ID X .139 W	EA	\$ 7.00
27034	SPRING & PAD ASM, D	EA	\$ 4.00
27039	CAP, PLUG 5.25OD PE	EA	\$ 7.00
27052	VALVE ASM, DIS LE-25HV/76-86PB	EA	\$ 75.00
27053	VALVE ASM, SUC LE-25HV/76PB	EA	\$ 80.00
27080	VALVE ASM, INJ 25HV 75HV	EA	\$ 99.00
27097	STICKER, STROKE DIAL DX4	EA	\$ 8.00
27214	HEAD, 1.8 PVDF	EA	\$ 146.00
27226	BOX, 20 1/4 X 20 1/4 X 31	EA	\$ 62.00
27253	RING, RETAINING EXT 3/8	EA	\$ 3.00
27300	VALVE, 1/4 ANGLE PVC	EA	\$ 235.00
27301	BUSHING, .375 ID X .375	EA	\$ 10.00
27352	FLAPPER VALVE,	EA	\$ 9.00
27394	HEAD, 3.0 316 SS	EA	\$ 1,729.00
27397	CONNECTOR, MALE 35	EA	\$ 11.00
27400	TANK ASM, 35 GAL	EA	\$ 546.00
27401	NIPPLE, 1/4 CLOSE PVC	EA	\$ 9.00
27417	SWITCH ASM, LL 35 GAL	EA	\$ 546.00
27511	HEAD, 1.8 UHMWPE SLURRY	EA	\$ 268.00
27516	SPACER, 1.8SI 4.2C	EA	\$ 148.00
27517	SPACER, 3.0SI 4.2C	EA	\$ 86.00
27530	VALVE ASM, DIS LE-37	EA	\$ 317.00
27535	VALVE ASM, FOOT LE-27/37	EA	\$ 629.00
27586	SHIM, 3.5S 4.2C NY	EA	\$ 3.00
27591	AGITATOR, 27" SS 115V	EA	\$ 630.00
27641	STUD ASM, 3.5 SI 4.2C	EA	\$ 11.00
28390	HEAD, 0.5 ACRYLIC	EA	\$ 211.00
28391	HEAD, 0.5 PP	EA	\$ 309.00

PARTS by Number

Part Number	Description	UM	Price
28410	LABEL, MODEL # FIELD	EA	\$ 5.00
28663	FERRULE, 1/4" OD	EA	\$ 4.00
28664	VALVE SEAT, 1/4 TUBING	EA	Obsolete
28665	VALVE HOUSING, 1/4	EA	Obsolete
28804	CONNECTOR, TUBING	EA	Obsolete
28882	VALVE SEAT, 1/4 TUBING	EA	Obsolete
28883	VALVE HOUSING, 1/4	EA	Obsolete
28896	CONNECTOR ASM,	EA	Obsolete
28898	DOWEL, PLASTIC .250 OD X 1.75L	EA	\$ 4.00
28925	HOUSING LESS WIRES	EA	\$ 141.00
28970	HOUSING ASM, 115V B7 BE	EA	\$ 232.00
28983	HOUSING ASM, 220-240V	EA	\$ 246.00
29190	SWITCH ASM, LEVEL A7 B7 D7	EA	\$ 120.00
29256	HOUSING, B1 SERIES	EA	\$ 200.00
29437	DISK, 0.9	EA	\$ 9.00
29445	DISK, 0.5	EA	\$ 10.00
29609	HEAD, 0.5 PVDF	EA	\$ 127.00
29611	HEAD, 0.9 PVDF	EA	\$ 180.00
29788	CORD ASM, 240V	EA	\$ 34.00
30107	EPU ASM W/DISK, 0.5	EA	\$ 359.00
30154	EPU ASM, 3.0 82 OHMS	EA	\$ 359.00
30155	EPU, 3.0 330 OHMS	EA	\$ 262.00
30240	EPU ASM W/DISK, 0.5	EA	\$ 359.00
30242	EPU ASM W/DISK, 0.9	EA	\$ 359.00
30348	SPRING, COATED	EA	\$ 42.00
30375	VALVE HOUSING, PVC	EA	Obsolete
30383	VALVE SEAT, PVC	EA	Obsolete
30414	BOX, "U" AND "P" PUMP	EA	\$ 11.00
30481	VALVE ASM, DIS LE-20PB/66PB/76PB/ 86PB	EA	\$ 82.00
30530	EPU, 3.0 82 OHMS 120 V	EA	\$ 359.00
30531	EPU, 3.0 313 OHMS 240V	EA	\$ 380.00
30643	LABEL COVER, CLEAR	EA	\$ 3.00
30709	KNOB, PUSH-ON	EA	\$ 10.00
30744	PLUG, CAP 1-14	EA	\$ 3.00
30803	GASKET, NEOPRENE	EA	\$ 3.00
30856	SCREW, 10-24 1.25L SS	EA	\$ 4.00
30896	CABLE ASM, CORP STOP 3/4	EA	\$ 37.00
30897	CABLE ASM, CORP STOP 1" STD	EA	\$ 57.00
30916	LIQUIFRAM, 0.5 FLUORFILM	EA	\$ 91.00
30917	LIQUIFRAM, 0.9 FLUORFILM	EA	\$ 96.00
30926	CORD ASM, 115V	EA	\$ 57.00
30970	WASHER, PLUNGER ASM	EA	\$ 7.00
31032	INSERT, "B" SERIES	EA	\$ 6.00
31053	HEAD, 3.0 PVDF MOLDED	EA	\$ 192.00
31255	VARISTOR ASM, 240V	EA	\$ 14.00
31271	DIVIDER ASM, PD-4	EA	\$ 524.00
31277	CONNECTOR ASM, 8 PIN	EA	\$ 37.00
31332	VALVE HOUSING, BARBED PP	EA	\$ 29.00
31419	LIQUIFRAM, 3.0 FLUORFILM (NON FABRIC)	EA	\$ 106.00
31420	LIQUIFRAM, 1.8 FLUORFILM	EA	\$ 101.00
31562	VALVE HOUSING, 1/2 TUBING PVDF	EA	\$ 47.00
31862	EPU, 3.0 82 OHMS	EA	\$ 253.00
31891	KNOB ASM, "B" SERIES	EA	\$ 14.00
31898	STROKE ADJ ASM, B SERIES	EA	\$ 100.00
31927	EPU W/STROKE ADJ, "B" 0.9 115V (D SHAFT)	EA	\$ 638.00
31929	EPU W/STROKE ADJ, "B" 1.8 115V (D SHAFT)	EA	\$ 638.00
31937	VALVE SEAT, 1/2 TUBING	EA	\$ 52.00
31938	VALVE HOUSING, 1/2" TUBING	EA	\$ 60.00
32088	VALVE ASM, INI. CHECK	EA	Obsolete
32158	EPU ASM, 120V, CX01,CX11	EA	\$ 846.00
32159	EPU ASM, 220/240V	EA	\$ 846.00
32239	EPU ASM, C761/C771	EA	\$ 1,305.00
32314	EPU ASM, 120V C781	EA	\$ 1,305.00
32329	EPU & SPACER ASM, C771	EA	\$ 1,305.00
32405	HOUSING ASM, C7X6	EA	\$ 258.00
32465	STROKE DIAL, CX1	EA	\$ 8.00
32466	STROKE DIAL, CX2/CX6	EA	\$ 8.00
32467	STROKE DIAL, CX3	EA	\$ 9.00
32506	HEAD, 0.5 SS 316	EA	\$ 431.00
32507	HEAD, 0.9 SS 316	EA	\$ 489.00
32508	HEAD, 1.8 SS 316	EA	\$ 558.00
32509	HEAD, 3.0 SS 316	EA	\$ 465.00
32514	VALVE ASM, INI CHECK SS	EA	\$ 95.00
32515	VALVE ASM, CHECK 316 SS	EA	\$ 77.00
32534	EPU & SPACER ASM, "C" 1.8SI 120V	EA	\$ 1,045.00
32536	EPU & SPACER ASM, "C" 3.0SI 120V	EA	\$ 1,045.00
32654	SHIM, .020 THICK 4.2	EA	\$ 9.00
32862	BUSHING, SHAFT AX1S	EA	Obsolete
33211	CONTROL PANEL ASM, B7/C7	EA	\$ 676.00
33212	CONTROL PANEL ASM, 230V	EA	\$ 738.00
33256	MAGNET, DIGIPULSE	EA	\$ 56.00
33264	O-RING, .674 ID X .103 W POLYPREL	EA	\$ 4.00
33480	VALVE ASM, FT LE-32, 32S	EA	\$ 116.00

Part Number	Description	UM	Price
33481	VALVE ASM, INJ CK LE-22/32/32S	EA	\$ 115.00
33482	VALVE ASM, SUC LE-22/32/32S	EA	\$ 128.00
33510	SWITCH ASM, LL 35 GAL (230V)	EA	\$ 558.00
33536	VALVE ASM, DIS LE-22/32	EA	\$ 85.00
33738	CABLE ASM, 8 PIN/8WIRE	EA	\$ 49.00
33796	CABLE ASM, 4 PIN/4 WIRE	EA	\$ 56.00
33814	CONTROL PANEL ASM, C701/C711	EA	\$ 598.00
33816	CONTROL PANEL ASM, C721	EA	\$ 959.00
33817	CONTROL PANEL ASM, C72X	EA	\$ 769.00
33818	CONTROL PANEL ASM, C731	EA	\$ 769.00
33819	CONTROL PANEL ASM, C73X	EA	\$ 769.00
33820	PANEL ASM, CONTROL	EA	\$ 836.00
33821	CONTROL PANEL ASM, C74X	EA	\$ 769.00
33822	CONTROL PANEL ASM, C781	EA	\$ 769.00
33823	CONTROL PANEL ASM, C78X	EA	\$ 769.00
33833	CABLE ASM, HALL EFFECT	EA	\$ 98.00
34093	CONTROL PANEL ASM, B711	EA	\$ 676.00
34114	Plug, Audio 3.5 MM	EA	\$ 5.00
34115	GASKET, PACKJOINT	EA	\$ 6.00
34116	RING, ANTI-FRICTION	EA	\$ 7.00
34118	GASKET, PACK JOINT	EA	\$ 9.00
34497	O-RING, 0.25ID x 0.437OD	EA	\$ 3.00
34504	AGITATOR, 27" SS 230V	EA	\$ 648.00
34566	FLOW CONTROLLER	EA	\$ 809.00
35184	LABEL SET, SILVER (BLANK)	EA	\$ 4.00
35269	O-RING, 4.984 ID X .139	EA	\$ 12.00
35394	SPACER W/PLUG 5X5 1.8	EA	\$ 88.00
35395	SPACER W/PLUG 5X5 3.0	EA	\$ 88.00
35398	HOUSING, 5 X 5 W/PG9	EA	\$ 134.00
35404	HOUSING, LESS WIRES	EA	\$ 238.00
35420	VALVE SEAT, 1/2" NPT	EA	\$ 212.00
35585	VALVE HOUSING, 1/2" NPT	EA	\$ 125.00
35643	CYLINDER, CALIBRATION 200 ML SEALED TOP	EA	\$ 179.00
35644	CYLINDER, CALIBRATION 1000 ML SEALED TOP	EA	\$ 197.00
35645	CYLINDER, CALIBRATION 200 ML EZ CLEAN	EA	\$ 136.00
35710	CYLINDER, CALIBRATION 1000mL EZ Clean	EA	\$ 189.00
35743	SHAFT, SPEED ADJ	EA	\$ 6.00
35744	PIN, DUAL	EA	\$ 6.00
35837	SPACER, 0.9 W/O BOSSES	EA	\$ 86.00
35838	SPACER, 1.8 W/O BOSSES	EA	\$ 129.00
35839	SPACER, 3.0 W/O BOSSES	EA	\$ 122.00
35890	HOUSING, B9/C9	EA	\$ 284.00
36103	O-RING, .549 ID X .103 W POLYPREL	EA	\$ 5.00
36107	WASHER, CARTRIDGE VALVE	EA	\$ 3.00
36128	HEAD, MOLDED 3.0 PVDF	EA	\$ 216.00
36156	HEAD, MACHINED 0.5 ACRYLIC	EA	\$ 231.00
36157	HEAD, MACHINED 0.9	EA	\$ 178.00
36159	HEAD, MACHINED 3.0	EA	\$ 267.00
36204	COUPLING, FOOT VALVE PP	EA	\$ 22.00
36229	CONTROL PANEL ASM, B121, B131, B141	EA	\$ 453.00
36237	CONTROL PANEL ASM, C101/C111	EA	\$ 466.00
36240	CONTROL PANEL ASM, C121	EA	\$ 399.00
36243	CONTROL PANEL ASM, C131	EA	\$ 466.00
36246	CONTROL PANEL ASM, C141	EA	\$ 421.00
36254	PULSER, FIXED	EA	\$ 130.00
36256	PANEL W/NAMEPLATE, B1/C1	EA	\$ 42.00
36260	CAP ASM, RELIEF	EA	Obsolete
36280	CAP ASM, A/S	EA	Obsolete
36303	CARTRIDGE ASM, .281	EA	\$ 37.00
36304	CARTRIDGE ASM, .281	EA	\$ 37.00
36306	CARTRIDGE ASM, .375	EA	\$ 37.00
36307	CARTRIDGE ASM, .375	EA	\$ 25.00
36346	VALVE ASM, FOOT 1/4"	EA	\$ 72.00
36352	VALVE ASM, FOOT 3/8"	EA	\$ 72.00
36354	VALVE ASM, SUC 3/8" PVDF	EA	\$ 65.00
36358	VALVE ASM, FOOT 1/2"	EA	\$ 72.00
36360	VALVE ASM, SUC 1/2" PVDF	EA	\$ 65.00
36366	VALVE ASM, SUC 1/4" NPT	EA	\$ 65.00
36413	VALVE ASM, FOOT 1/4"	EA	\$ 73.00
36415	VALVE ASM, SUC 1/4" PVDF	EA	\$ 85.00
36418	VALVE ASM, SUC 3/8" PVDF	EA	\$ 65.00
36419	VALVE ASM, FOOT 1/2" PVDF POLYPREL	EA	\$ 72.00
36421	VALVE ASM, SUC 1/2" PVDF	EA	\$ 45.00
36424	VALVE ASM, SUC 1/4" NPT	EA	\$ 47.00
36502	VALVE ASM, FOOT 1/4" NPT	EA	\$ 72.00
36504	VALVE ASM, SUC 1/4" NPT	EA	\$ 45.00
36905	SPACER, FM-PRO	EA	\$ 21.00
37113	FITTING WITH WASHER, 1/4" TUBING PVDF (CART)	EA	\$ 27.00
37115	FITTING WITH WASHER, 3/8" TUBING PVDF (CART)	EA	\$ 27.00
37117	FITTING WITH WASHER, 1/2" TUBING PVDF (CART)	EA	\$ 27.00
37119	FITTING WITH WASHER, 1/4" NPT PVDF (CART)	EA	\$ 27.00
37144	SCREW KIT, HASTELLOY (4)		\$ 143.00
37203	CLAMP RING, 1/2" TUBING SST		\$ 4.00

PARTS by Number

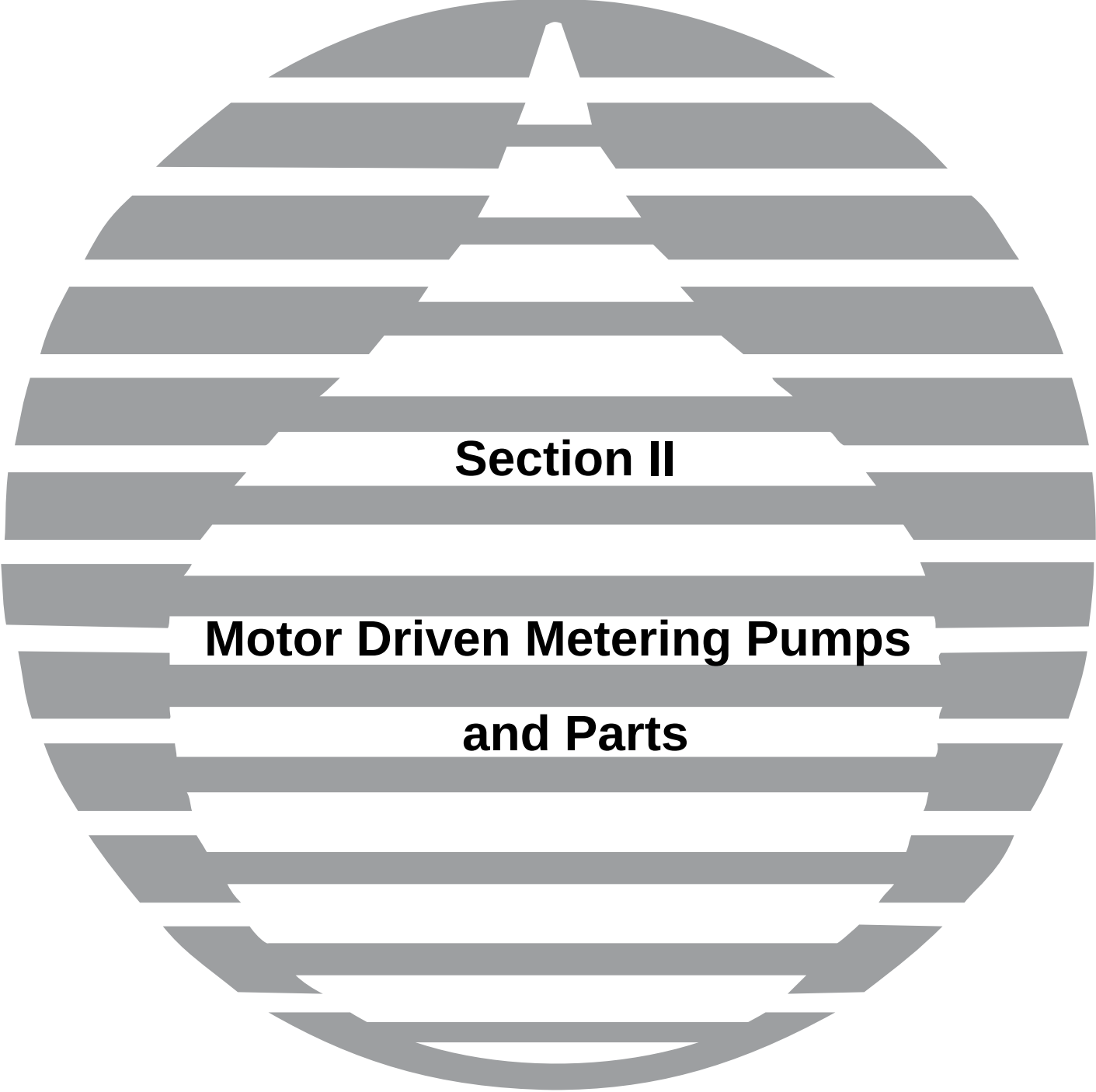
Part Number	Description	UM	Price
37334	Liquid End Cartridge	EA	\$ 25.00
37335	Liquid End Cartridge	EA	\$ 30.00
37337	Liquid End Cartridge	EA	\$ 25.00
37338	Liquid End Cartridge	EA	\$ 30.00
37341	SPRING, COMPRESSION	EA	\$ 7.00
37349	KIT, REPLACEMENT, SPRING LOADED LIQUIPRO INJ C	EA	\$ 15.00
37351	FITTING, LIQUIPRO	EA	\$ 33.00
37354	VALVE ASM, INJ 1/4" PVDF	EA	\$ 85.00
37356	VALVE ASM, INJ 3/8" PVDF	EA	\$ 80.00
37358	VALVE ASM, INJ 1/2" PVDF	EA	\$ 85.00
37360	VALVE ASM, INJ 1/4" NPT	EA	\$ 80.00
37394	BOX, 15 1/8 X 10 5/8 X 10 13/16 BROWN PRINTED	EA	\$ 19.00
37539	SPRING, CLEAR PVDF	EA	\$ 19.00
37742	HEAD, 1.8 MACHINED PVC	EA	\$ 293.00
37745	HEAD, 3.0 MACHINED PVC	EA	\$ 258.00
37750	HEAD, 0.5 MOLDED PVC	EA	\$ 77.00
37752	HEAD, 0.9 MOLDED PVC	EA	\$ 88.00
37754	HEAD, 1.8 MOLDED PVC	EA	\$ 146.00
37756	HEAD, 3.0 MOLDED PVC	EA	\$ 163.00
37763	FITTING WITH WASHER,	EA	Obsolete
37765	FITTING WITH WASHER,	EA	Obsolete
37767	FITTING WITH WASHER,	EA	Obsolete
37769	FITTING WITH WASHER,	EA	Obsolete
37845	VALVE ASM, FOOT 3/8" PVDF POLYPREL	EA	\$ 72.00
37846	VALVE ASM, SUC 1/4" PVDF POLYPREL	EA	\$ 43.00
37848	VALVE ASM, INJ 1/4" PVDF	EA	\$ 104.00
37857	CARTRIDGE ASM, .375 PVC/POLYPREL	EA	\$ 25.00
37858	Liquid End Cartridge	EA	\$ 25.00
37859	Liquid End Cartridge	EA	\$ 25.00
37980	HEAD, 0.5 MOLDED PVDF(DEEP COR	EA	\$ 115.00
38018	VALVE ASM, SUC 1/4" PVC	EA	Obsolete
38019	VALVE ASM, SUC 3/8" PVC	EA	\$ 41.00
38020	VALVE ASM, SUC 1/2" PVC	EA	Obsolete
38025	VALVE ASM, INJ 1/4" PVC	EA	Obsolete
38026	VALVE ASM, INJ 3/8" PVC	EA	Obsolete
38027	VALVE ASM, INJ 1/2" PVC	EA	Obsolete
38033	VALVE ASM, FOOT 1/2"	EA	Obsolete
38271	VALVE ASM, FOOT	EA	\$ 100.00
38490	WASHER, FLAT #10 SS 316	EA	\$ 3.00
38561	HEAD, 0.9 MACHINED	EA	\$ 197.00
38562	HEAD, 0.9 MACHINED PVC	EA	\$ 164.00
38568	HEAD, 0.9 ACRYLIC HV	EA	\$ 211.00
38569	HEAD, 0.9 PP HV	EA	\$ 263.00
38571	HEAD, 0.5 ACRYLIC HV	EA	\$ 293.00
38572	HEAD, 0.5 PP HV	EA	\$ 254.00
38578	HEAD, 0.5 MACHINED	EA	\$ 197.00
38579	HEAD, 0.5 MACHINED PVC	EA	\$ 179.00
38592	HEAD, 1.8 ACRYLIC HV	EA	\$ 219.00
38593	HEAD, 1.8 PP HV	EA	\$ 232.00
38595	HEAD, 1.8 ACRYLIC MACH	EA	\$ 226.00
38596	HEAD, 1.8 PVC MACHINED	EA	\$ 231.00
48167	DISK, LE ADAPTER SC1	EA	\$ 10.00
48168	DISK, LE ADAPTER SC2	EA	\$ 11.00
48169	DISK, LE ADAPTER SC3	EA	\$ 9.00
48170	DISK, LE ADAPTER SC4	EA	\$ 9.00
48186	LIQUIFRAM, SC1	EA	\$ 91.00
48187	LIQUIFRAM, SC2	EA	\$ 96.00
48188	LIQUIFRAM, SC3	EA	\$ 101.00
48189	LIQUIFRAM, SC4	EA	\$ 106.00
48214	HEAD, MACHINED, SC1 ACL	EA	\$ 170.00
48216	HEAD, MACHINED, SC1 PP	EA	\$ 208.00
48218	HEAD, MACHINED, SC2 ACL	EA	\$ 176.00
48219	HEAD, MACHINED, SC2 PVC	EA	\$ 136.00
48220	HEAD, MACHINED, SC2 PP	EA	\$ 182.00
48222	HEAD, MACHINED, SC3 ACL	EA	\$ 316.00
48224	HEAD, MACHINED, SC3 PP	EA	\$ 190.00
48226	HEAD, MACHINED, SC4 ACL	EA	\$ 192.00
48231	CORD, POWER USA 120V	EA	Obsolete
48313	RETAINING RING, 8MM	EA	\$ 7.00
48347	O-RING, 2-008 80D AFLAS	EA	\$ 3.00
48349	O-RING, 2-111, 80DUR AFLAS	EA	\$ 5.00
48363	HEAD, MOLDED FASTPRIME SC2	EA	\$ 93.00
48364	HEAD, MOLDED FASTPRIME SC2	EA	\$ 99.00
48366	HEAD, MOLDED FASTPRIME SC3	EA	\$ 146.00
48367	HEAD, MOLDED FASTPRIME SC3	EA	\$ 161.00
48369	HEAD, MOLDED FASTPRIME SC4	EA	\$ 151.00
48370	HEAD, MOLDED FASTPRIME SC4	EA	\$ 145.00
48414	CORDSET, 5-PIN REVERSE KEY	EA	\$ 79.00
48414	Cordset, Roytronic 5 pin	EA	\$ 79.00
48422	HEAD, AUTOPRIME, SC1 ACL	EA	\$ 338.00
48423	HEAD, AUTOPRIME, SC1 PVC	EA	\$ 172.00
48425	HEAD, AUTOPRIME, SC2 ACL	EA	\$ 214.00
48426	HEAD, AUTOPRIME, SC2 PVC	EA	\$ 207.00

Part Number	Description	UM	Price
48428	HEAD, AUTOPRIME, SC3 ACL	EA	\$ 290.00
48429	HEAD, AUTOPRIME SC3 PVC	EA	\$ 197.00
48431	HEAD, AUTOPRIME, SC4 ACL	EA	\$ 314.00
48432	HEAD, AUTOPRIME, SC4 PVC	EA	\$ 187.00
48471	HEAD, SC1, 316 SS	EA	\$ 465.00
48472	HEAD, SC2, 316 SS	EA	\$ 454.00
48473	HEAD, SC3, 316 SS	EA	\$ 465.00
48474	HEAD, SC4, 316 SS	EA	\$ 465.00
48488	ADAPTER, ROYTRONIC ACCESSORIES	EA	\$ 73.00
48490	CONNECTOR, 5-PIN REVERSE KEY	EA	\$ 62.00
48543	CARTRIDGE VALVE, 920, 930, 940	EA	\$ 25.00
48545	CARTRIDGE VALVE, 915, 813	EA	\$ 25.00
48546	CARTRIDGE VALVE, 925, 935, 945	EA	\$ 25.00
48549	FASTPRIME CARTRIDGE VALVE, 920	EA	\$ 25.00
48551	FASTPRIME CARTRIDGE VALVE, 915	EA	\$ 25.00
48552	FASTPRIME CARTRIDGE VALVE, 925	EA	\$ 25.00
48589	O-RING, PTFE, 2-113	EA	\$ 5.00
48590	O-RING, PTFE, 2-007 , WHITE	EA	\$ 3.00
48591	O-RING, PTFE, 2-111	EA	\$ 5.00
48594	CONTROL PANEL AD2	EA	\$ 219.00
48595	CONTROL PANEL AD8	EA	\$ 238.00
48596	CONTROL PANEL AD9	EA	\$ 249.00
48599	HOUSING, AD	EA	\$ 309.00
48603	COVER, CLEAR AD	EA	\$ 20.00
48617	FITTING, INJECTION VLV, PVC	EA	\$ 21.00
48618	FITTING, INJECTION VLV, PVDF	EA	\$ 30.00
48622	4FV Bleed Nut - Roytronic	EA	\$ 8.00
48646	COUPLING KNOB, 4FV	EA	\$ 8.00
48646	COUPLING KNOB, 4FV	EA	\$ 8.00
48670	FASTPRIME DISCHARGE CV	EA	\$ 49.00
48672	FASTPRIME DISCHARGE CV	EA	\$ 85.00
48676	SUCTION CHECK VALVE, 728, 738,	EA	\$ 37.00
48677	SUCTION CHECK VALVE, 812	EA	\$ 50.00
48678	SUCTION CHECK VALVE, 813	EA	\$ 48.00
48679	SUCTION CHECK VALVE	EA	\$ 85.00
48680	SUCTION CHECK VALVE, 823, 833,	EA	\$ 85.00
48681	SUCTION CHECK VALVE	EA	\$ 62.00
48682	SUCTION CHECK VALVE, 915	EA	\$ 85.00
48683	SUCTION CHECK VALVE, 919	EA	\$ 85.00
48684	SUCTION CHECK VALVE	EA	\$ 50.00
48685	SUCTION CHECK VALVE, 925, 935	EA	\$ 85.00
48686	SUCTION CHECK VALVE, 929, 939,	EA	\$ 85.00
48692	CARTRIDGE VALVE, 929, 939, 949	EA	\$ 25.00
48698	FASTPRIME CARTRIDGE VALVE, 929	EA	\$ 25.00
48699	FASTPRIME VALVE, 8X2, 9X9	EA	\$ 42.00
48700	FASTPRIME VALVE, 8X3	EA	\$ 39.00
48701	FASTPRIME VALVE, 9X5	EA	\$ 44.00
48702	LIQUID END HARDWARE, 9XX	EA	\$ 9.00
48703	LIQUID END HARDWARE, 7XX, 8XX	EA	\$ 9.00
48704	AUTOPRIME DISCHARGE CHECK	EA	\$ 85.00
48705	AUTOPRIME DISCHARGE CHECK	EA	\$ 85.00
48706	AUTOPRIME DISCHARGE CARTRIDGE	EA	\$ 48.00
48707	AUTOPRIME DISCHARGE CARTRIDGE	EA	\$ 40.00
48708	AUTOPRIME SHUTTLE VALVE	EA	\$ 88.00
48709	AUTOPRIME SHUTTLE CARTRIDGE	EA	\$ 73.00
48718	FOOT VALVE, 910, X18	EA	\$ 72.00
48719	FOOT VALVE, 919	EA	\$ 72.00
48720	FOOT VALVE, 812	EA	\$ 72.00
48721	FOOT VALVE, 920, 930, 940	EA	\$ 72.00
48722	FOOT VALVE, 929, 939, 949	EA	\$ 73.00
48723	FOOT VALVE, 822, 832, 842	EA	\$ 73.00
48724	FOOT VALVE, 813	EA	\$ 72.00
48725	FOOT VALVE, 823, 833, 843	EA	\$ 73.00
48726	FOOT VALVE, 915	EA	\$ 73.00
48727	FOOT VALVE, 925, 935, 945	EA	\$ 73.00
48728	INJECTION VALVE, 9X0, XX8	EA	\$ 67.00
48729	INJECTION VALVE, 9X5	EA	\$ 70.00
48730	INJECTION VALVE, 9X9	EA	\$ 70.00
48731	INJECTION VALVE, 8X2	EA	\$ 67.00
48732	INJECTION VALVE, 8X3	EA	\$ 85.00
48743	HEAD, AUTOPRIME, 0.5 ACL	EA	\$ 214.00
48744	HEAD, AUTOPRIME, 0.9 ACL	EA	\$ 260.00
48745	HEAD, AUTOPRIME, 1.8 ACL	EA	\$ 206.00
48748	HEAD, AUTOPRIME, 1.8 PVC	EA	\$ 289.00
48767	DISCHARGE CHECK VALVE, SS	EA	\$ 151.00
48768	SUCTION CHECK VALVE, SS	EA	\$ 151.00
48787	FITTING SGL BALL WITH O-RING	EA	\$ 19.00
48788	FITTING SGL BALL WITH O-RING	EA	\$ 19.00
48789	FITTING SGL BALL WITH O-RING	EA	\$ 19.00
48790	FITTING SGL BALL WITH O-RING	EA	\$ 19.00
48791	FITTING DBL BALL WITH O-RING	EA	\$ 21.00
48792	FITTING DBL BALL WITH O-RING	EA	\$ 21.00
48793	FITTING DBL BALL WITH O-RING	EA	\$ 21.00

PARTS by Number

Part Number	Description	UM	Price
48794	FITTING DBL BALL WITH O-RING	EA	\$ 21.00
48795	INJECTION VLV CARTRIDGE	EA	\$ 25.00
48848	Fastprime Valve xx8, 9x0	EA	\$ 50.00
48851	CORD, POWER USA 120V	EA	\$ 57.00
48852	CORD, POWER USA 230V	EA	\$ 57.00
48873	Foot Valve,3/8" PVC/TFE	EA	\$ 72.00
49031	Housing ASM, 120 V	EA	Obsolete
49035	Cordset, Roytronic 6 pin	EA	\$ 101.00
49088	VALVE ASM, SUC PVC/AFI/CER	EA	\$ 41.00
49089	VALVE ASM, SUC PVDF/AFI/CER	EA	\$ 85.00
49090	VALVE ASM, SUC PVDF/AFI/CER	EA	\$ 44.00
49092	VALVE ASM, SUC PVDF/PTFE/CER	EA	\$ 85.00
49093	VALVE ASM, SUC PVDF/AFI/PTFE	EA	\$ 85.00
49094	VALVE ASM, SUC PVDF/AFI/PTFE	EA	\$ 51.00
49097	CARTRIDGE SUB ASM, SPRING	EA	\$ 40.00
49098	VALVE ASM, DIS SPRING	EA	\$ 85.00
49099	Foot Valve,PVC/AFI/CER,358, 450, 458	EA	\$ 62.00
49100	Foot Valve,PVC/AFI/CER, 3/468, 3/498, 460, 490	EA	\$ 72.00
49101	Foot Valve,PVDF/AFI/CER, 352	EA	\$ 73.00
49102	Foot Valve,PVDF/AFI/CER, 362, 392	EA	\$ 72.00
49103	Foot Valve,PVDF/PTFE/CER, 353	EA	\$ 73.00
49104	Foot Valve,PVDF/PTFE/CER, 363, 393	EA	\$ 73.00
49106	Foot Valve,PVDF/AFI/PTFE, 469, 499	EA	\$ 72.00
49107	Foot Valve,PP/PTFE/CER, 455	EA	\$ 73.00
49108	Foot Valve,PP/PTFE/CER, 465, 495	EA	\$ 73.00
49109	LIQUID END HARDWARE, 4XX, DXX	EA	\$ 9.00
49163	VALVE ASM, SUC	EA	\$ 85.00
49164	Foot Valve, 910A, 918A	EA	\$ 73.00
49165	Foot Valve, 920A, 928A	EA	\$ 72.00
49216	90 degree adapter		\$ 106.00
49246	Roytronic Low Level Switch Assembly		\$ 269.00
49249	Switch, Dual Liquid Level (Excel only)		\$ 328.00
49253	3 Pin Connector (4 Pin standard key)	EA	\$ 96.00
49287	CORP STOP ASM, 3/4" - CA AB1953 mat'l req.	EA	\$ 391.00
49288	CORP STOP ASSY, 1" - CA AB1953 mat'l req.	EA	\$ 424.00
49290	CORP STOP ASSY, 1" - CA AB1953 mat'l req.	EA	\$ 380.00
49329	Head, machined SC2 HV Acrylic	EA	\$ 186.00
49331	Head, machined SC2 HV PP	EA	\$ 167.00
49332	Head, machined SC2 HV Ported PP	EA	\$ 390.00
49334	Head, machined SC3 HV Acrylic		\$ 227.00
49336	Head, machined SC3 HV PP		\$ 167.00
49337	Head, machined SC3 HV Ported PP		\$ 390.00
49339	Head, machined SC4 HV Acrylic		\$ 187.00
49341	Head, machined SC4 HV PP	EA	\$ 167.00
49342	Head, machined SC4 HV Ported PP	EA	\$ 390.00
50508	50 piece 1/4" ferrule kit	EA	\$ 62.00
50509	50 piece 3/8" ferrule kit		\$ 123.00
50510	50 piece 1/2" ferrule kit		\$ 123.00
50529	HEAD, AUTOPRIME, 3.0 ACL		\$ 349.00
50530	HEAD, AUTOPRIME, 3.0 PVC		\$ 214.00
50663	PULSER ASM, AD2		\$ 468.00
50664	PULSER ASM, AD8		\$ 502.00
50665	PULSER ASM, AD9		\$ 618.00
54783	TUBING, UV KIT, 1/4"		Obsolete
54784	TUBING, UV KIT, 3/8"		\$ 57.00
55787	REED SWITCH TRANSMITTER W/ FLYING LEADS		\$ 41.00
55789	REED SWITCH TRANSMITTER W/ 4 PIN CONNECT.		\$ 117.00
55796	REED SWITCH TRANSMITTER W/ 3.5MM CONNEC.		\$ 104.00
57958	CABLE ADAPTOR, MP-100 FOR PD7		\$ 96.00
59235	FLOWMETER, RFP-075	EA	\$ 437.00
59236	FLOWMETER, RFP-100	EA	\$ 874.00
59237	FLOWMETER, RFP-150	EA	\$ 1,071.00
59238	FLOWMETER, RFP-200	EA	\$ 1,638.00
59239	SENSOR ASM,RFP-075,100,150,200	EA	\$ 157.00
10141-500	TUBING, .500 OD X .062 VINYL, 500 FEET	EA	Obsolete
10142-500	TUBING, .500 OD X .062 PE, 500 FEET	EA	\$ 591.00
10342-500	TUBING, .375 OD X .062 PE, 500 FEET	EA	\$ 556.00
10469-06	TUBING VINYL, .375 OD X .062, 6 FEET	EA	\$ 10.00
10469-500	TUBING VINYL, .375 OD X .062, 500 FT	EA	\$ 556.00
10492-1	VALVE SEAT, 1/4 NPT	EA	\$ 29.00
10493-1	VALVE HOUSING, 1/4 NPT	EA	\$ 31.00
10524-3	HEAD, 3.0 ACRYLIC	EA	\$ 322.00
10681-3	HEAD, 3.0 PP HV	EA	\$ 351.00
10681-4	HEAD, 3.0 PP	EA	\$ 585.00
10786-1	COUPLING, 1/2" NPT	EA	\$ 50.00
10792-1	VALVE SEAT, .375 X 1/4	EA	\$ 40.00
10793-1	VALVE HOUSING, .375 X	EA	\$ 45.00
25636-16	TUBING PE, .250 X .062, 16 FEET	EA	\$ 24.00
25636-500	TUBING PE, .250 OD X .062, 500 FEET	EA	\$ 70.00
25651-50	TUBING VINYL, .938 OD X .15, 50 FT	EA	\$ 577.00
25906-3	HEAD, 6.0 PP HV	EA	\$ 419.00
26050-1	HEAD, 0.9 PP HV	EA	\$ 368.00
26350-1	TANK W/COVER, DRILL	EA	\$ 491.00
26893CE	EPU & SPACER ASM, "B"	EA	\$ 638.00

Part Number	Description	UM	Price
27142-500	TUBING PE, .500 OD X .062, 500 FEET	EA	\$ 661.00
27342-500	TUBING PE, .375 OD X .062, 500 FEET	EA	\$ 735.00
27641-1	STUD ASM, 3.0 SI 4.2C	EA	\$ 10.00
28636-500	TUBING PE, .250 OD X .062, 500 FEET	EA	\$ 617.00
29033CE	CORD ASM, 115V CE	EA	\$ 57.00
31561-1	VALVE SEAT, 1/4 NPT PVDF	EA	\$ 57.00
31562-1	VALVE HOUSING, 1/4 NPT	EA	\$ 60.00
31927CE	EPU W/STROKE ADJ, "B"	EA	\$ 638.00
31929CE	EPU W/STROKE ADJ, "B"	EA	\$ 552.00
32158CE	EPU ASM, 120V C7 C9 CE	EA	\$ 846.00
32534CE	EPU & SPACER ASM, "C"	EA	\$ 1,045.00
32536CE	EPU & SPACER ASM, "C"	EA	\$ 1,045.00
35895CE	CONTROL PANEL ASM, B92/B93/B94 115V	EA	\$ 1,647.00
35949CE	HOUSING ASM, B9X1/C9X1	EA	\$ 249.00
35956CE	HOUSING ASM, B9X6/C9X6	EA	\$ 268.00
35960CE	CONTROL PANEL ASM, C901/C911 115V	EA	\$ 1,209.00
35962CE	CONTROL PANEL ASM, C921 115 V	EA	\$ 1,209.00
35964CE	CONTROL PANEL ASM, C931 115V	EA	\$ 1,209.00
35966CE	CONTROL PANEL ASM, C941 115V	EA	\$ 1,209.00
38568-1	HEAD, 0.9 ACRYLIC HV	EA	\$ 247.00
38569-1	HEAD, 0.9 PP HV	EA	\$ 250.00
38571-1	HEAD, 0.5 ACRYLIC HV	EA	\$ 413.00
38572-1	HEAD, 0.5 PP HV	EA	\$ 378.00
38592-1	HEAD, 1.8 ACRYLIC HV	EA	\$ 259.00
38593-1	HEAD, 1.8 PP HV	EA	\$ 317.00
50503-15	EXTENSION CABLE, 15 M / 49.2FT	EA	\$ 269.00
50503-6	EXTENSION CABLE, 6 M / 19.7FT	EA	\$ 157.00



Section II

Motor Driven Metering Pumps and Parts

Excel XR® Series



Manual

Communications

Enhanced

XRD

XRE

	Output Code	Max Output		Max Pressure	
		GPH	LPH	PSI	Bar
XRD	XRDx2	5.6	21.2	175	12
	XRDx3	14.0	53.0	75	5
	XRDx4	18.0	68.1	50	3.5
XRE	XREx2	16.0	60.6	150	10.3
	XREx3	32.0	121.1	100	6.9
	XREx4	53.0	200.6	60	4.1

For support:



What's in the Box

Excel XR units include:



Manual



Foot Valve



Tubing (0 or 2 rolls) & Tube Connection Hardware



Ceramic Foot Valve Weight



Injection Check Valve

Enhanced Model:



4 Pin Cordset

Communications Model:



5 Pin Cordset

Note: Depending on the configuration of the LE, some of the items may not be included in the box.

METERING PUMP SERIES

General Description

The EXCEL[®] XR metering pump is a mechanically actuated diaphragm pump driven by advanced variable speed technology to provide the most accurate and reliable performance in the industry. This proven technology is easy to maintain and will provide years of maximum up-time service. The EXCEL XR pump fits seamlessly into the process control requirements of every application. All models come standard with a color backlit display, multi-language options and remote operation options.

General Performance Specifications

- Flow rate up to 18.0 GPH (68.1 LPH)
 - Pressure up to 175 psi (12.0 bar)
 - Steady state accuracy +/- 1%
 - Turndown 1000:1 (200:1 PTFE Seat, 500:1 FPM Seat)
 - Power Required - 42 W rated (ETL)
- ** Flow rates up to 53.0 GPH (200.6 LPH) to be released with XRE in 2020**

Weights and Shipping Dimensions

Weight (approximate)	lbs	kg
Plastic Head (unboxed)	14	6.35
SS Head (unboxed)	24.5	11.1
Domestic Box	22	10

Domestic Box Dimensions	
Inches	Metric
16.5" x 18" x 13.5"	420 x 457 x 343

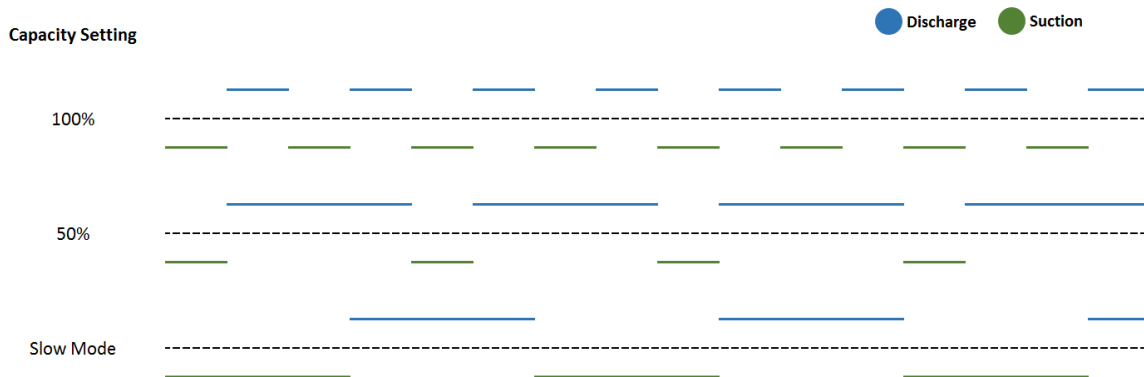
Temperature & Environmental Ratings

Unit	Ambient	Process Fluid	Storage
Fahrenheit	14°F to +104°F	14°F to +104°F	-40°F to +158°F
Celsius	-10°C to +40°C	-10°C to +40°C	-40°C to +70°C

Operating humidity range:	0-95% RH (Non-condensing)
Ingress protection:	IP65 / NEMA 4X
Operation environment:	Indoor

Drive Specifications

The drive is powered by an electronically controlled variable speed stepper motor which provides accurate dosing output of the fixed stroke length drive.



Capacity Adjustment

Variable speed stepper motor with controlled stroke profile. The profile features constant speed suction, and the discharge stroke is used to control pump capacity. This takes full advantage of the characteristics of a positive displacement pump, in that once the fluid is within the pump head, discharging it is highly controllable and predictable.

The profile also has a configurable feature allowing the suction stroke to be extended to better handle viscous fluids, or fluids with high specific gravity. The chart below indicates how the flexible stroke profile functions.

Overpressure Protection

An external safety relief valve is required for safe installation. The pump includes motor stall detection in the event of motor stall, but is not sufficient as the only means of overpressure protection.

EXCEL® XR SPECIFICATIONS

60

Lubrication System

Pump is factory lubricated for life.

Pump Housing Material

Polyphenylene ether and Polystyrene blend - 20% glass reinforced

Liquid End Specifications

Mechanically actuated diaphragm with suction and discharge ball check valves.

Materials

Refer to Price Tables for most materials

Spring Materials:

In High Viscosity Liquid ends - Spring material is 316ss

Injection Valve Spring Material - Hastelloy C 276

Performance Specifications

Turndown Ratio:	1000:1 (200:1 PTFE Seat, 500:1 FKM Seat)
Steady State Accuracy:	± 1.0%
Repetitive Accuracy:	± 3.0%
Linearity:	± 3.0%
Duty Rating:	Continuous

Suction Lift and Pressure

Drive	Max. Suction Lift [ft]	Max. Suction Lift [m]	Max. Suction Inlet Pressure [psi]	Max. Suction Inlet Pressure [bar]
XRDx2	13.1	4	30	2
XRDx3	13.1	4	30	2
XRDx4	6.5	2	30	2
XREx2	13.1	4	30	2
XREx3	6.5	2	30	2
XREx4	6.5	2	30	2

Testing

Standard Production Test: Every pump is tested to assure the pump meets capacity and pressure expectations and functions as expected.

Certifications

NSF 61

CE Compliant

ETL listed by Intertek to UL 61010-1 issued 2012/5/11 edition 3, and CSA C22.2#61010-1 issued 2012/5/11 edition 3

Dimension Drawing and Documentation

Description	No.
Customer Data Sheet	59261
Brochure	59260
Customer Dimensional Drawing	59017
Installation, Operation and Maintenance	54630
Enhanced Supplement	54772
Modbus Supplement	55312
Profibus Supplement	55313
Instruction Supplement	59288
Quick Start Guide	54941

EXCEL® XR SPECIFICATIONS

61

	Manual	Enhanced	Communications
User Interface			
Four Color Backlit graphical display	●	●	●
Flow rate or volume display (GPH, L/hr)	●	●	●
Capacity setting display	●	●	●
Start/Stop button	●	●	●
Mode/Select button	●	●	●
Full capacity (100%) button	●	●	●
Prime button	●	●	●
Active operation mode indication on display	●	●	●
Active alarm indication on display	●	●	●
Calibration status indication on display	●	●	●
Control Modes			
Manual (Internal)	●	●	●
Analog [0/4-20 mA] (External)	●	●	●
Pulse [volume/pulse] (External)	●	●	●
Batch (External)	●	●	●
Cycle Timer (Internal)	●	●	●
Timed event (Internal)	●	●	●
Control Input			
Programmable digital contacts	1	4	4
User 1**	●	●	●
User 2**	●	●	●
User 3**	●	●	●
Single level float switch	●	●	●
Dual low level float switch	●	●	●
Pulse control	●	●	●
Remote start/stop	●	●	●
Remote internal/external mode selection	●	●	●
Programmable analog inputs	0	2	2
Pacing	●	●	●
Tank level	●	●	●
Control Protocol			
Modbus RTU*	●	●	●
Profibus DP*	●	●	●

* Must order pump configured for your control protocol

	Manual	Enhanced	Communications
Control Output			
Programmable digital contacts	0	2	2
Pump running	●	●	●
Pump standby/stopped [not pumping but ready]	●	●	●
Alarm status	●	●	●
User alarm status	●	●	●
Internal/External mode indication	●	●	●
Pump stopped	●	●	●
Stroke pulse	●	●	●
Timed event running	●	●	●
Programmable analog output	0	1	1
Flow rate [4-20 mA correlates to 0 - max capacity]	●	●	●
Mirror analog input 1	●	●	●
Mirror analog input 2**	●	●	●
Power supply for remote device [24V] (eg. Flow sensor)	0	1	1
Operation functions			
Capacity control by motor speed variation	●	●	●
Variable stroke profile (variable discharge speed/constant suction speed)	●	●	●
Slow suction mode for viscous or degassing media	●	●	●
Calibration function (single point)	●	●	●
Prime feature (max capacity) button, timer	●	●	●
Totalizer (strokes, volume, hours motor operation, number of power cycles)	●	●	●
Keypad lock (software driven with password)	●	●	●
Clock feature (date and 12 hour time)	●	●	●
Diaphragm replacement mode (sets stroke to extended position)	●	●	●
Display firmware revision	●	●	●
Load factory defaults	●	●	●
Battery to maintain date and time settings when main power is removed	●	●	●
EEPROM nonvolatile memory (configurations saved/powers up in last used mode)	●	●	●
Internal/External input control mode configuration	●	●	●
Alarm output mask configuration (configure which events trigger alarm output relay)	●	●	●
Analog input response curve customization	●	●	●
Input pulse width setting	●	●	●
Start/Stop via remote signal	●	●	●
Pump switch off on tank empty	●	●	●
Modbus RTU / Profibus DP protocol	●	●	●
StayPrime Degassing Technology**	●	●	●
Alarm Log**	●	●	●

** Features coming to software version 2.0 alongside launch of XRE in 2020

EXCEL® XR

PUMP SELECTION AND PRICING

62

XRD - OUTPUT CODE 2

151 SPM Max.

Size Code 4

5.6 GPH (21.2 LPH); 175 psi (12 bar)

Note: High Viscosity option and PE tube limited to 150 psi (10.3 bar)

XRDx2												
Drive End												
Control		Description			Cordset Included		Part Number		Price			
XRD12		Manual Control			-		-		See Note \$ 2,518			
XRD92		Enhanced Control			4 Pin Cordset		54711		\$ 2,920			
XRDP2		Enhanced Control with ProfiBus			4 Pin, 5 Pin Cordset		54711, 55199		\$ 3,513			
XRDM2		Enhanced Control with ModBus			4 Pin, 5 Pin Cordset		54711, 55199		\$ 3,513			
	Power Code		Voltage		Plug							
	1		Universal		110 - 120 VAC 1 Phase US Plug					\$ -		
	2		Universal		220 - 240 VAC 1 Phase US Plug					\$ -		
	3		Universal		220 - 240 VAC 1 Phase DIN Plug					\$ -		
	5		Universal		220 - 240 VAC 1 Phase UK Plug					\$ -		
	6		Universal		220 - 240 VAC 1 Phase Australia / New Zealand Plug					\$ -		
			Liquid End	Head	Seat	Balls	Check Valve Body	Max Turndown Ratio	RPM Kit			
									Standard	DN15 Conn.		
			Standard Plastic									
			A44AC	PP	TFE/P	Ceramic	PVDF	1000:1	RPM54771	RPM54772	\$ 300	
			A44A1	PP	TFE/P	316L	PVDF	1000:1	RPM54778	RPM54779	\$ 289	
			A44AT	PP	TFE/P	PTFE	PVDF	1000:1	RPM56409	RPM56410	\$ 289	
			A74TC	PVDF	PTFE	Ceramic	PVDF	200:1	RPM54773	RPM54774	\$ 487	
			A74AT	PVDF	TFE/P	PTFE	PVDF	1000:1	RPM56409	RPM56410	\$ 476	
			Standard Metallic									
			A1411	316L	316L	316L	316L	1000:1	see below		\$ 857	
			Slurry									
			S1414	316L	316L	440C	316L	1000:1	RPM54776		\$ 927	
			High Viscosity									
			V44T1	PP	PTFE	316L	PP	1000:1	RPM54777		\$ 296	
				Standard Plastic		Diaphragm	O-Rings	Fittings	Connections	Tubing Kit	RPM Kit	
				A7T1		PTFE/PVDF	TFE/P	PVDF	Imperial Tube	1	-	
				A7PN		PTFE/PVDF	TFE/P	PVDF	1/2" BSP	-	-	
				A7M2		PTFE/PVDF	TFE/P	PVDF	Metric Tube	2	-	
				A2FN		PTFE/PVDF	TFE/P	PVDF/PVC	DN15 Female	-	see above	
				A7DN		PVDF heads only	PTFE/PVDF	TFE/P	PVDF	DN15 Male	-	
				Standard Metallic								
				A1PN		PTFE/316L	TFE/P	316L	1/2" FNPT	-	RPM56407	
				V1PN		PTFE/316L	FKM	316L	1/2" FNPT	-	RPM54775	
				Slurry								
				V1PN		PTFE/316L	FKM	316L	1/2" FNPT	-	-	
				High Viscosity								
				N4T3		PTFE/PVDF	-	PP	Imperial Tube	3	-	
	XRD12	1	A44AC	A7T1								

RPM Kit	Price	RPM Kit	Price	Contents
RPM54771	\$ 370	RPM54777	\$ 350	- Primary Diaphragm - Secondary Diaphragm housing seal - Required O-rings - Replacable Check valves or components
RPM54772	\$ 356	RPM54778	\$ 368	
RPM54773	\$ 368	RPM54779	\$ 355	
RPM54774	\$ 355	RPM56407	\$ 927	
RPM54775	\$ 664	RPM56409	\$ 384	
RPM54776	\$ 767	RPM56410	\$ 380	

Note: Add 6 pin cordset (49035) for digital input and analog output and 5 pin (48414) for digital output.

For Tubing Kit contents, refer to Tubing Kits Table.
For accessory kits and pricing, see Accessories section

EXCEL® XR PUMP SELECTION AND PRICING

63

XRD - OUTPUT CODE 3

162 SPM Max.

Size Code 4

14.0 GPH (53.0 LPH); 75 psi (5 bar)

XRDx3												
Drive End									Price			
Control	Description			Cordset Included		Part Number						
XRD13	Manual Control			-		-	See Note		\$ 2,651			
XRD93	Enhanced Control			4 Pin Cordset		54711			\$ 3,073			
XRDP3	Enhanced Control with ProfiBus			4 Pin, 5 Pin Cordset		54711, 55199			\$ 3,697			
XRDM3	Enhanced Control with ModBus			4 Pin, 5 Pin Cordset		54711, 55199			\$ 3,697			
	Power Code		Voltage		Plug							
	1		Universal		110 - 120 VAC 1 Phase US Plug					\$ -		
	2		Universal		220 - 240 VAC 1 Phase US Plug					\$ -		
	3		Universal		220 - 240 VAC 1 Phase DIN Plug					\$ -		
	5		Universal		220 - 240 VAC 1 Phase UK Plug					\$ -		
	6		Universal		220 - 240 VAC 1 Phase Australia / New Zealand Plug					\$ -		
		Liquid End	Head	Seat	Balls	Check Valve Body	Max Turndown Ratio	RPM Kit				
								Standard	DN15 Conn.			
		Standard Plastic										
		A44AC	PP	TFE/P	Ceramic	PVDF	1000:1	RPM54771	RPM54772	\$ 300		
		A44A1	PP	TFE/P	316L	PVDF	1000:1	RPM54778	RPM54779	\$ 289		
		A44AT	PP	TFE/P	PTFE	PVDF	1000:1	RPM56409	RPM56410	\$ 289		
		A74TC	PVDF	PTFE	Ceramic	PVDF	200:1	RPM54773	RPM54774	\$ 487		
		A74AT	PVDF	TFE/P	PTFE	PVDF	1000:1	RPM56409	RPM56410	\$ 476		
		Standard Metallic										
		A1411	316L	316L	316L	316L	1000:1	see below		\$ 857		
		Slurry										
		S1414	316L	316L	440C	316L	1000:1	RPM54776		\$ 927		
		High Viscosity										
		V44T1	PP	PTFE	316L	PP	1000:1	RPM54777		\$ 296		
			Standard Plastic	Diaphragm		O-Rings	Fittings	Connections	Tubing Kit	RPM Kit		
			A7T1	PTFE/PVDF		TFE/P	PVDF	Imperial Tube	1	-	\$ 265	
			A7PN	PTFE/PVDF		TFE/P	PVDF	1/2" BSP	-	-	\$ -	
			A7M2	PTFE/PVDF		TFE/P	PVDF	Metric Tube	2	-	\$ 106	
			A2FN	PTFE/PVDF		TFE/P	PVDF/PVC	DN15 Female	-	see above	\$ 55	
			A7DN	PVDF heads only	PTFE/PVDF	TFE/P	PVDF	DN15 Male	-	see above	\$ 481	
			Standard Metallic									
			A1PN	PTFE/316L		TFE/P	316L	1/2" FNPT	-	RPM56407	\$ -	
			V1PN	PTFE/316L		FKM	316L	1/2" FNPT	-	RPM54775	\$ -	
			Slurry									
			V1PN	PTFE/316L		FKM	316L	1/2" FNPT	-	-	\$ -	
			High Viscosity									
N4T3	PTFE/PVDF		-	PP	Imperial Tube	3	-	\$ 141				
XRD13	1		A44AC	A7T1								

RPM Kit	Price	RPM Kit	Price	Contents
RPM54771	\$ 370	RPM54777	\$ 350	• Primary Diaphragm • Secondary Diaphragm housing seal • Required O-rings • Replacable Check valves or components
RPM54772	\$ 356	RPM54778	\$ 368	
RPM54773	\$ 368	RPM54779	\$ 355	
RPM54774	\$ 355	RPM56407	\$ 927	
RPM54775	\$ 664	RPM56409	\$ 384	
RPM54776	\$ 767	RPM56410	\$ 380	

Note: Add 6 pin cordset (49035) for digital input and analog output and 5 pin (48414) for digital output.

For Tubing Kit contents, refer to Tubing Kits Table.
For accessory kits and pricing, see Accessories section

EXCEL® XR

PUMP SELECTION AND PRICING

64

XRD - OUTPUT CODE 4

144 SPM Max.

Size Code 6

18.0 GPH (68.1 LPH): 50 psi (3.5 bar)

XRDx4												
Drive End									Price			
Control	Description			Cordset Included		Part Number						
XRD14	Manual Control			-		-			See Note	\$ 2,697		
XRD94	Enhanced Control			4 Pin Cordset		54711				\$ 3,119		
XRDP4	Enhanced Control with ProfiBus			4 Pin, 5 Pin Cordset		54711, 55199				\$ 3,743		
XRDM4	Enhanced Control with ModBus			4 Pin, 5 Pin Cordset		54711, 55199				\$ 3,743		
	Power Code		Voltage		Plug							
	1		Universal		110 - 120 VAC 1 Phase US Plug					\$ -		
	2		Universal		220 - 240 VAC 1 Phase US Plug					\$ -		
	3		Universal		220 - 240 VAC 1 Phase DIN Plug					\$ -		
	5		Universal		220 - 240 VAC 1 Phase UK Plug					\$ -		
	6		Universal		220 - 240 VAC 1 Phase Australia / New Zealand Plug					\$ -		
		Liquid End	Head	Seat	Balls	Check Valve Body	Diaphragm	Max Turndown Ratio	RPM Kit			
		Standard PP										
		A46VC	PP	FKM	Ceramic	PP	PTFE	500:1	RPM54780	\$ 422		
		A46V1	PP	FKM	316L	PP	PTFE	500:1	RPM54784	\$ 411		
		A46AC	PP	TFE/P	Ceramic	PP	PTFE	500:1	RPM56405	\$ 422		
		A46A1	PP	TFE/P	316L	PP	PTFE	500:1	RPM56406	\$ 411		
		Standard PVDF										
		A76VC	PVDF	FKM	Ceramic	PVDF	PTFE	500:1	RPM54780	\$ 789		
		A76AT	PVDF	TFE/P	PTFE	PVDF	PTFE	500:1	RPM56411	\$ 778		
		A76AC	PVDF	TFE/P	Ceramic	PVDF	PTFE	500:1	RPM56405	\$ 789		
		Standard Metallic										
		A1611	316L	316L	316L	316L	PTFE	1000:1	see below	\$ 2,254		
		Slurry										
		S1614	316L	316L	440C	316L	PTFE	1000:1	RPM54783	\$ 2,324		
		High Viscosity										
		V46T1	PP	PTFE	316L	PP	PTFE	1000:1	RPM54782	\$ 411		
			Standard PP	O-Rings		Fittings	Connections	Tubing Kit		RPM Kit		
			N4PN	-		PP	1/2" NPT	-		-	\$ -	
			N4TN	-		PP	Imperial Tube	-		-	\$ -	
			N2FN	-		PP/PVC	DN15 Female	-		-	\$ 55	
			Standard PVDF									
			N2FN	-		PVDF/PVC	DN15 Female	-		-	\$ 55	
			N7PN	-		PVDF	1/2" NPT	-		-	\$ -	
			N7TN	-		PVDF	Imperial Tube	-		-	\$ -	
			Standard Metallic									
			A1PN	TFE/P		316L	1/2" FNPT	-		RPM56408	\$ -	
			V1PN	FKM		316L	1/2" FNPT	-		RPM54781	\$ -	
	Slurry											
	V1PN		FKM		316L	1/2" FNPT	-		-	\$ -		
	High Viscosity											
	N4P4		-		PP	1/2" NPT	4		-	\$ 345		
	N4T4		-		PP	Imperial Tube	4		-	\$ 345		
XRD14	1	A46VC	N4PN									

XRD14	1	A46VC	N4PN						
-------	---	-------	------	--	--	--	--	--	--

RPM Kit	Price	RPM Kit	Price	Contents
RPM54780	\$ 180	RPM56405	\$ 247	- Primary Diaphragm - Secondary Diaphragm housing seal - Required O-rings - Replacable Check valves or components
RPM54781	\$ 687	RPM56406	\$ 242	
RPM54782	\$ 211	RPM56408	\$ 733	
RPM54783	\$ 740	RPM56411	\$ 271	
RPM54784	\$ 176			

Note: Add 6 pin cordset (49035) for digital input and analog output and 5 pin (48414) for digital output.

For Tubing Kit contents, refer to Tubing Kits Table.
For accessory kits and pricing, see Accessories section

EXCEL® XR PUMP SELECTION AND PRICING

65

XRE - OUTPUT CODE 2

198 SPM Max.

Size Code 4

16 GPH (60.6 LPH); 150 psi (10.3 bar)

XREx2											
Drive End	Note: Cordsets from the accessories table may be required for the customer to connect to desired input/output.								Price		
Control	Description		Cordset Included			Part Number					
XRE12	Manual Control		-			-			See Note		
XRE92	Enhanced Control		4 Pin Cordset			54711					
XREP2	Enhanced Control with ProfiBus		4 Pin, 5 Pin Cordset			54711, 55199					
XREM2	Enhanced Control with ModBus		4 Pin, 5 Pin Cordset			54711, 55199					
	Power Code		Voltage		Plug						
	1		Universal		110 - 120 VAC 1 Phase US Plug						
	2		Universal		220 - 240 VAC 1 Phase US Plug						
	3		Universal		220 - 240 VAC 1 Phase DIN Plug						
	5		Universal		220 - 240 VAC 1 Phase UK Plug						
	6		Universal		220 - 240 VAC 1 Phase Australia / New Zealand Plug						
		Liquid End	Head	Seat	Balls	Check Valve Body	Max Turndown Ratio	RPM Kit			
								Standard	DN15 Conn.		
		Standard Plastic									
		A44A1	PP	TFE/P	316L	PVDF	1000:1	RPM54778	RPM54779		
		A44AC	PP	TFE/P	Ceramic	PVDF	1000:1	RPM54771	RPM54772		
		A44AT	PP	TFE/P	PTFE	PVDF	1000:1	RPM56409	RPM56410		
		A74AT	PVDF	TFE/P	PTFE	PVDF	1000:1	RPM56409	RPM56410		
		A74TC	PVDF	PTFE	Ceramic	PVDF	200:1	RPM54773	RPM54774		
		Standard Metallic									
		A1411	316L	316L	316L	316L	1000:1	see below			
		Slurry									
		S1414	316L	316L	440C	316L	1000:1	see below			
		High Viscosity									
		V44T1	PP	PTFE	316L	PP	1000:1	see below			
			Standard Plastic	Diaphragm		O-Rings	Fittings	Connections	Tubing Kit	RPM Kit	
			A2FN	PTFE/PVDF		TFE/P	PVDF/PVC	DN15 Female	-	-	
			A7M2	PTFE/PVDF		TFE/P	PVDF	Metric Tube	2	-	
			A7PN	PTFE/PVDF		TFE/P	PVDF	1/2" NPT/BSP	-	-	
			A7T1	PTFE/PVDF		TFE/P	PVDF	Imperial Tube	1	-	
			A7DN (PVDF heads only)	PTFE/PVDF		TFE/P	PVDF	DN15 Male	-	-	
	Standard Metallic										
	A1PN		PTFE/316L		TFE/P	316L	1/2" FNPT	-	RPM56407		
	V1PN		PTFE/316L		FKM	316L	1/2" FNPT	-	RPM54775		
Slurry											
V1PN	PTFE/316L		FKM	316L	1/2" FNPT	-	RPM54776				
High Viscosity											
N4T3	PTFE/PVDF		-	PP	Imperial Tube	3	RPM54777				
XRE12	1	A44AC	A7T1								

RPM Kit	Price	RPM Kit	Price	Contents
RPM54771	\$ 370	RPM54777	\$ 350	• Primary Diaphragm
RPM54772	\$ 356	RPM54778	\$ 368	• Secondary Diaphragm
RPM54773	\$ 368	RPM54779	\$ 355	housing seal
RPM54774	\$ 355	RPM56407	\$ 927	• Required O-rings
RPM54775	\$ 664	RPM56409	\$ 384	• Replacable Check valves or
RPM54776	\$ 767	RPM56410	\$ 380	components

Note: Add 6 pin cordset (49035) for digital input and analog output and 5 pin (48414) for digital output.

For Tubing Kit contents, refer to Tubing Kits Table.

For accessory kits and pricing, see Accessories section

EXCEL® XR PUMP SELECTION AND PRICING

66

XRE - OUTPUT CODE 3

200 SPM Max.

Size Code 6

28 GPH (106 LPH); 100 psi (6.9 bar) - 32 GPH (121 LPH); 50 psi (3.5 bar)

XREx3							
Drive End	Note: Cordsets from the accessories table may be required for the customer to connect to desired input/output.						
Control	Description	Cordset Included		Part Number			
XRE13	Manual Control	-		-		See Note	\$ 4,065
XRE93	Enhanced Control	4 Pin Cordset		54711			\$ 5,068
XREP3	Enhanced Control with ProfiBus	4 Pin, 5 Pin Cordset		54711, 55199			\$ 5,736
XREM3	Enhanced Control with ModBus	4 Pin, 5 Pin Cordset		54711, 55199			\$ 5,736
	Power Code	Voltage		Plug			
	1	Universal		110 - 120 VAC 1 Phase US Plug			\$ -
	2	Universal		220 - 240 VAC 1 Phase US Plug			\$ -
	3	Universal		220 - 240 VAC 1 Phase DIN Plug			\$ -
	5	Universal		220 - 240 VAC 1 Phase UK Plug			\$ -
	6	Universal		220 - 240 VAC 1 Phase Australia / New Zealand Plug			\$ -
	Liquid End	Head	Seat	Balls	Check Valve Body	Max Turndown Ratio	RPM Kit
Standard PP							
	A46A1	PP	TFE/P	316L	PP	500:1	RPM56406 \$ 411
	A46AC	PP	TFE/P	Ceramic	PP	500:1	RPM56405 \$ 422
	A46V1	PP	FKM	316L	PP	500:1	RPM54784 \$ 411
	A46VC	PP	FKM	Ceramic	PP	500:1	RPM54780 \$ 422
Standard PVDF							
	A76AC	PVDF	TFE/P	Ceramic	PVDF	500:1	RPM56405 \$ 789
	A76AT	PVDF	TFE/P	PTFE	PVDF	500:1	RPM56411 \$ 778
	A76VC	PVDF	FKM	Ceramic	PVDF	500:1	RPM54780 \$ 789
Standard Metallic							
	A1611	316L	316L	316L	316L	1000:1	see below \$ 2,254
Slurry							
	S1614	316L	316L	440C	316L	1000:1	RPM54783 \$ 2,324
High Viscosity							
	V46T1	PP	PTFE	316L	PP	1000:1	RPM54782 \$ 411
	Standard PP	Diaphragm	O-Rings	Fittings	Connections	Tubing Kit	RPM Kit
	N4PN	PTFE	-	PP	1/2" MNPT	-	\$ -
	N2FN	PTFE	-	PP/PVC	DN15 Female	-	\$ 55
Standard PVDF							
	N2FN	PTFE	-	PP/PVC	DN15 Female	-	\$ 55
	N7PN	PTFE	-	PVDF	1/2" MNPT	-	\$ -
Standard Metallic							
	A1PN	PTFE/316L	TFE/P	316L	1/2" FNPT	-	RPM56408 \$ -
	V1PN	PTFE/316L	FKM	316L	1/2" FNPT	-	RPM54781 \$ -
Slurry							
	V1PN	PTFE/316L	FKM	316L	1/2" FNPT	-	\$ -
High Viscosity							
	N4P4	PTFE/PVDF	-	PP	1/2" MNPT	4	\$ 345
XRE13	1	A46VC	N4PN				

RPM Kit	Price	RPM Kit	Price	Contents
RPM54780	\$ 180	RPM56405	\$ 247	• Primary Diaphragm
RPM54781	\$ 687	RPM56406	\$ 242	• Secondary Diaphragm
RPM54782	\$ 211	RPM56408	\$ 733	housing seal
RPM54783	\$ 740	RPM56411	\$ 271	• Required O-rings
RPM54784	\$ 176			• Replacable Check valves or components

Note: Add 6 pin cordset (49035) for digital input and analog output and 5 pin (48414) for digital output.

For Tubing Kit contents, refer to Tubing Kits Table.

For accessory kits and pricing, see Accessories section

EXCEL® XR PUMP SELECTION AND PRICING

67

XRE - OUTPUT CODE 4

184 SPM Max.

Size Code 6

53 GPH (200.6 LPH); 60 psi (4.1 bar)

XREx4										
Drive End	Note: Cordsets from the accessories table may be required for the customer to connect to desired input/output.									
Control	Description	Cordset Included			Part Number					
XRE14	Manual Control	-			-	See Note	\$	4,510		
XRE94	Enhanced Control	4 Pin Cordset			54711		\$	5,513		
XREP4	Enhanced Control with ProfiBus	4 Pin, 5 Pin Cordset			54711, 55199		\$	6,181		
XREM4	Enhanced Control with ModBus	4 Pin, 5 Pin Cordset			54711, 55199		\$	6,181		
	Power Code	Voltage	Plug							
	1	Universal	110 - 120 VAC 1 Phase US Plug				\$	-		
	2	Universal	220 - 240 VAC 1 Phase US Plug				\$	-		
	3	Universal	220 - 240 VAC 1 Phase DIN Plug				\$	-		
	5	Universal	220 - 240 VAC 1 Phase UK Plug				\$	-		
	6	Universal	220 - 240 VAC 1 Phase Australia / New Zealand Plug				\$	-		
		Liquid End	Head	Seat	Balls	Check Valve Body	Max Turndown Ratio	RPM Kit		
		Standard PP								
		A46A1	PP	TFE/P	316L	PVDF	500:1	RPM56406	\$ 411	
		A46AC	PP	TFE/P	Ceramic	PVDF	500:1	RPM56405	\$ 422	
		A46V1	PP	FKM	316L	PVDF	500:1	RPM54784	\$ 411	
		A46VC	PP	FKM	Ceramic	PVDF	500:1	RPM54780	\$ 422	
		Standard PVDF								
		A76AC	PVDF	TFE/P	Ceramic	PVDF	500:1	RPM56405	\$ 789	
		A76AT	PVDF	TFE/P	PTFE	PVDF	500:1	RPM56411	\$ 778	
		A76VC	PVDF	FKM	Ceramic	PVDF	500:1	RPM54780	\$ 789	
		Standard Metallic								
		A1611	316L	316L	316L	316L	1000:1	see below	\$ 2,254	
		Slurry								
		S1614	316L	316L	440C	316L	1000:1	RPM54783	\$ 2,324	
		High Viscosity								
		V46T1	PP	PTFE	316L	PP	1000:1	RPM54782	\$ 411	
			Standard PP	Diaphragm	O-Rings	Fittings	Connections	Tubing Kit	RPM Kit	
			N7NN	PTFE	-	PVDF	3/4" MNPT	-	\$ 111	
			N2GN	PTFE	-	PVDF/PVC	DN20 Female	-	\$ 161	
			Standard PVDF							
			N7NN	PTFE	-	PVDF	3/4" MNPT	-	\$ 111	
			N2GN	PTFE	-	PVDF/PVC	DN20 Female	-	\$ 161	
			Standard Metallic							
		A1NN	PTFE	TFE/P	316L	3/4" FNPT	-	\$ 111		
		V1NN	PTFE	FKM	316L	3/4" FNPT	-	\$ 111		
		Slurry								
		V1NN	PTFE	FKM	316L	3/4" FNPT	-	\$ 111		
		High Viscosity								
		N4N5	PTFE	-	PP	3/4" MNPT	5	\$ 512		
XRE14	1	A46VC	N7NN							

RPM Kit	Price	RPM Kit	Price	Contents
RPM54780	\$ 180	RPM56405	\$ 247	• Primary Diaphragm
RPM54781	\$ 687	RPM56406	\$ 242	• Secondary Diaphragm
RPM54782	\$ 211	RPM56408	\$ 733	housing seal
RPM54783	\$ 740	RPM56411	\$ 271	• Required O-rings
RPM54784	\$ 176			• Replacable Check valves or components

Note: Add 6 pin cordset (49035) for digital input and analog output and 5 pin (48414) for digital output.

For Tubing Kit contents, refer to Tubing Kits Table.
For accessory kits and pricing, see Accessories section

EXCEL® XR PUMP SELECTION AND PRICING

68

Tubing Kits (included in select pump configurations)				
Tubing Kit 1	Tubing Kit 2	Tubing Kit 3	Tubing Kit 4	Tubing Kit 5
• Injection Valve • Foot Valve • 1 Weight (Suction Tubing) • 16' PE Tube 3/8" • 20' Reinforced PVC Hose 1/4" x 1/2"	• Injection Valve • Foot Valve • 1 Weight (Suction Tubing) • Metric Ferrules 6x12mm • 6m Reinforced PVC Hose 6x12mm	• Injection Valve • 2m Reinforced PVC hose 15x23mm (Suction) • 3m PE Tube 1/2" (Discharge) • 1 Suction hose fitting (1/2" FNPT X 15x23 hose) & 2 hose clamps	• 2m Reinforced PVC hose 15x23mm (Suction) • 1 suction hose fitting (1/2" FNPT X 15x23 hose) & 2 hose clamps	• 6.5ft Reinforced PVC hose 0.75" x 1.031" (Suction) • 1 Suction hose fitting (3/4" MNPT x 0.75" x 1.031" hose) & 2 hose clamps

ACCESSORY KITS

OUTPUT CODE XRDx2, XRDx3, XREx2

Imperial Connections		
Part No.	Description	Price
PP Head, 316 SS Balls		
58982	Injection Valve, PTFE	\$ 69
58987	Foot Valve, Mixed	\$ 63
59008	Connection Kit, 0.375 and 0.25x0.5	\$ 299
Tubing Kit, includes:		
10342-10	3/8" TUBE X 10 FT	\$ 15
54342-20	1/4" x 1/2" HOSE x 20 FT	\$ 91
PP Head, Ceramic Balls		
58983	Injection Valve, Mixed	\$ 69
58985	Foot Valve, Aflas	\$ 63
59008	Connection Kit, 0.375 and 0.25x0.5	\$ 299
Tubing Kit, includes:		
10342-10	3/8" TUBE X 10 FT	\$ 15
54342-20	1/4" x 1/2" HOSE x 20 FT	\$ 91
PVDF Head, Ceramic Balls		
58983	Injection Valve, Mixed	\$ 69
58986	Foot Valve, PTFE	\$ 63
59008	Connection Kit, 0.375 and 0.25x0.5	\$ 299
Tubing Kit, includes:		
10342-10	3/8" TUBE X 10 FT	\$ 15
54342-20	1/4" x 1/2" HOSE x 20 FT	\$ 91

Metric Connections		
Part No.	Description	Price
PP Head, 316 SS Balls		
58982	Injection Valve, PTFE	\$ 69
58987	Foot Valve, Mixed	\$ 63
59009	Connection Kit, 6x12	\$ 72
Tubing Kit, includes:		
36181-6M	8mm TUBE X 6m	\$ 27
70121-6M	6x12mm HOSE X 6m	\$ 37
PP Head, Ceramic Balls		
58983	Injection Valve, Mixed	\$ 69
58985	Foot Valve, Aflas	\$ 63
59009	Connection Kit, 6x12	\$ 72
Tubing Kit, includes:		
36181-6M	8mm TUBE X 6m	\$ 27
70121-6M	6x12mm HOSE X 6m	\$ 37
PVDF Head, Ceramic Balls		
58983	Injection Valve, Mixed	\$ 69
58986	Foot Valve, PTFE	\$ 63
59009	Connection Kit, 6x12	\$ 72
Tubing Kit, includes:		
36181-6M	8mm TUBE X 6m	\$ 27
70121-6M	6x12mm HOSE X 6m	\$ 37
High Viscosity		
58984	Injection Valve, HV	\$ 69
59010	Connection Kit, Hose Clamp	\$ 32
59013	Tubing Kit, HV	\$ 47

OUTPUT CODE XRDx4, XREx3 (NPT Connections only)

Tubing Connections		
Part No.	Description	Price
PP Head		
26758	Injec. Valve, 0.5" Tube, PP, PTFE, Cer	\$ 101
25154	Foot Valve, 0.5" Tube, PP, PTFE, Cer	\$ 106
77384	Connection Kit, 0.5" Tubing	\$ 16
PVDF Head		
33481	Injec. Valve, 0.5" Tube, PVDF, PTFE, Cer	\$ 115
33480	Foot Valve, 0.5" Tube, PVDF, PTFE, Cer	\$ 116
77384	Connection Kit, 0.5" Tubing	\$ 16

NPT Connections		
Part No.	Description	Price
PP Head		
26710	Injection Valve, NPT, PP, PTFE, Cer	\$ 140
26015	Foot Valve, NPT, PP, PTFE, Cer	\$ 106
PVDF Head		
38270	Injection Valve, NPT, PVDF, PTFE, Cer	\$ 162
38271	Foot Valve, NPT, PVDF, PTFE, Cer	\$ 100
High Viscosity		
56912	Injec. Valve, 0.5" MNPT, PVDF, PTFE, Cer	\$ 66

EXCEL® XR PUMP SELECTION AND PRICING

69

OUTPUT CODE XREx4

Part No.	Description	Price
PP Head		
56909	Injection Valve, 0.75" MNPT, PP, PTFE, Cer	\$ 108
56914	Foot Valve, 0.75" MNPT, PP, PTFE, Cer	\$ 226
PVDF Head		
56910	Injec. Valve, 0.75" MNPT, PVDF, PTFE, Cer	\$ 158
56915	Foot Valve, 0.75" MNPT, PVDF, PTFE, Cer	\$ 98
High Viscosity		
56911	Injec. Valve, 0.75" MNPT, PVDF, PTFE, Cer	\$ 105

ACCESSORIES

Tubing Connection Kits (One kit needed per tube end)

Kit No.	Description	Price
54714	TUBING CONNECTION KIT, 3/8" TUBE	\$ 7
54715	TUBING CONNECTION KIT, 1/4"x1/2" HOSE	\$ 7
54716	TUBING CONNECTION KIT, 8mm TUBE	\$ 9
54717	TUBING CONNECTION KIT, 6x12mm HOSE	\$ 7
54718	TUBING CONNECTION KIT, 1/2" TUBE	\$ 9
48378	COUPLING NUT	\$ 8
10411	COUPLING NUT, 1/2" TUBE	\$ 10

Tubing

Part No.	Description	Price
10342-10	3/8" TUBE X 10 FT	\$ 15
10142-10	1/2" TUBE X 10 FT	\$ 17
54342-20	1/4"x1/2" HOSE X 20 FT	\$ 91
36181-6M	8mm TUBE X 6m	\$ 27
70121-6M	6x12mm HOSE X 6m	\$ 37

Bulk Kit of 20 Ferrules Each Kit

Kit No.	Description	Price
54800	BULK FERRULE KIT, 3/8" TUBE	\$ 27
54801	BULK FERRULE KIT, 1/4"x1/2" HOSE	\$ 27
54802	BULK FERRULE KIT, 8mm TUBE	\$ 67
54803	BULK FERRULE KIT, 6x12mm HOSE	\$ 55

Input/Output Cordsets

Part No.	Description	Application Notes	Price
48414	CORDSET, 5 PIN, 2 M / 6.6 FT	(J2) Digital output	\$ 79
49035	CORDSET, 6 PIN, 2 M / 6.6 FT	(J1 & J4) Digital input & Analog output	\$ 101
54711	CORDSET, 4 PIN, 2 M / 6.6 FT	(J3) Analog input	\$ 73
55199	CORDSET, 5 PIN, 2 M / 6.6 FT	(C) ProfiBus/ModBus Communicaton	\$ 134

Extension Cable Assemblies - 5 Pin

Part No.	Description	Price
50503-6	Extension Cable, 6 M / 19.7 Ft	\$ 157
50503-15	Extension Cable, 15 M / 49.2 Ft	\$ 269

Extension Cable Assemblies - 6 Pin

Part No.	Description	Price
50684-6	Extension Cable, 6 M / 19.7 Ft	\$ 219
50684-30	Extension Cable, 30 M / 98.4 Ft	\$ 500

Excel® XR METERING PUMP SERIES

70

Parts by Number

Part Number	Description	List Price	Part Number	Description	List Price
10138	BALL	\$ 11	54804	BULK FERRULE KIT, 1/2" TUBE	\$ 37
10228	SEAT	\$ 15	58994	ASM, CHECK VALVE CARTRIDGE, TEFLON	\$ 25
10338	BALL	\$ 6	70033	LIQUID END HEAD Size 4 316L ss	\$ 806
10411	COUPLING NUT	\$ 10	70034	LIQUID END HEAD Size 6 316L ss	\$ 1,480
10659	BALL	\$ 7	70117	LIQUID END HEAD Size 4 PVDF	\$ 504
25042	BALL	\$ 7	70143	FERULE, MALE	\$ 5
25128	SEAT	\$ 17	70185	FERULE, MALE	\$ 5
25558	SPRING	\$ 8	70186	FERULE, FEMALE	\$ 5
25906	LIQUID END HEAD Size 6 PP	\$ 363	70187	FERULE, MALE	\$ 4
32234	LIQUID END HEAD Size 6 PVDF	\$ 1,637	70188	FERULE, FEMALE	\$ 5
35031	LIQUID END HEAD Size 4 PP Hi Vis	\$ 243	70192	FERULE, MALE	\$ 5
35326	SEAT	\$ 30	70193	FERULE, FEMALE	\$ 4
35330	SECONDARY DIAPHRAGM	\$ 19	77118	ASSEMBLY, DIAPHRAGM	\$ 295
36054	SEAT	\$ 7	77119	ASSEMBLY, DIAPHRAGM	\$ 331
36103	O-RING	\$ 5	0210599016N	FITTING	\$ 212
36116	CARTRIDGE	\$ 5	0210696016N	FITTING	\$ 166
36953	ASSEMBLY, DIAPHRAGM	\$ 198	0920046016N	BALL STOP	\$ 62
37012	LIQUID END HEAD Size 4 PP	\$ 134	0920064016N	BALL STOP	\$ 60
37340	SEAT	\$ 8	4070014112N	BALL	\$ 3
37341	SPRING	\$ 7	4370000144N	BALL	\$ 7
48145	SEAT	\$ 7	4370000224N	BALL	\$ 25
48349	O-RING	\$ 5	4370002094N	BALL	\$ 31
48378	COUPLING NUT	\$ 8	4370002144N	BALL	\$ 48
48485	LIQUID END HEAD Size 6 PP Hi Vis	\$ 646	4370002224N	BALL	\$ 23
48851	CORD, POWER USA 120V, A+	\$ 57	4380051072N	O-RING	\$ 5
48852	CORD, POWER USA 230V, A+	\$ 57	4380051162N	O-RING	\$ 3
48853	CORD, POWER DIN, A+	\$ 64	52702-1680	BEZEL,DISPLAY	\$ 60
48855	CORD, POWER BRITISH, A+	\$ 57	52702-1810	CLEAR COVER,DISPLAY	\$ 63
48856	CORD, POWER AUST, A+	\$ 57	RPM54771	RPM Size 4 PP/Ceramic Tube Conn	\$ 370
48857	CORD, POWER SWISS, A+	\$ 51	RPM54772	RPM Size 4 PP/Ceramic DN15 Conn	\$ 356
48859	CORD, POWER NO PLUG, A+	\$ 51	RPM54773	RPM Size 4 PVDF/Ceramic Tube Conn	\$ 368
53441	FERULE, MALE	\$ 42	RPM54774	RPM Size 4 PVDF/Ceramic DN15 Conn	\$ 355
53442	FERULE, FEMALE	\$ 24	RPM54775	RPM Size 4 316 ss Standard	\$ 664
54195	DISPLAY MEMBRANE	\$ 110	RPM54776	RPM Size 4 316 ss Slurry	\$ 767
54714	CONN KIT, 3/8" TUBE	\$ 7	RPM54777	RPM Size 4 PP/316 Ball Hi Vis	\$ 350
54715	CONN KIT, 1/4"x1/2" HOSE	\$ 7	RPM54778	RPM Size 4 PP/316 Ball Tube Conn	\$ 368
54716	CONN KIT, 8mm TUBE	\$ 9	RPM54779	RPM Size 4 PP/316 Ball DN15	\$ 355
54717	CONN KIT, 6x12mm HOSE	\$ 7	RPM54780	RPM Size 6 Ceramic Ball FKM Seat	\$ 180
54718	CONN KIT, 1/2" TUBE	\$ 9	RPM54781	RPM Size 6 316 ss Standard	\$ 687
54800	BULK FERRULE KIT, 3/8" TUBE	\$ 27	RPM54782	RPM Size 6 PP Hi Viscosity	\$ 211
54801	BULK FERRULE KIT, 1/4"x1/2" HOSI	\$ 27	RPM54783	RPM Size 6 316L ss Ball & Seat Slurry	\$ 740
54802	BULK FERRULE KIT, 8mm TUBE	\$ 67	RPM54784	RPM Size 6 316Lss Ball FKM Seat	\$ 176
54803	BULK FERRULE KIT, 6x12mm HOSE	\$ 48			

SERIES G SD METERING PUMPS



Size Code	Max Output		Max Pressure	
	GPH	LPH	PSI	Bar
2	0.7	2.6	175	12.1
4	12	45	150	10.3
7	50	189	100	6.9
8	115	435	75	5.2

Liquid Ends & Drives

The liquid ends and drives for Series G pumps can be purchased separately using the codes and pricing from the following price pages.

NOTE: Drives cannot be mixed and matched with all liquid end sizes. Check with factory before attempting to put a different size liquid end on a drive.

SERIES G - SD

PUMP SELECTION AND PRICING

72

SIZE CODE 2

0.7 GPH (2.6 LPH); 175 psi (12 bar)

SD2												Price				
Drive End																
SD2	Size Code											\$	1,972			
	60Hz						50Hz									
	Metallic Head Gear Code	GPH	LPH	psi	bar	SPM	GPH	LPH	psi	bar	SPM					
	1	0.18	0.7	175	12	43	0.15	0.6	175	12	36	\$	-			
	2	0.35	1.3	175	12	86	0.29	1.1	175	12	72	\$	-			
	6	0.48	1.8	175	12	120	0.40	1.5	175	12	102	\$	-			
	3	0.7	2.6	175	12	173	0.58	2.2	175	12	144	\$	-			
	Plastic Head Gear Code															
	1	0.12	0.5	175	12	43	0.10	0.4	175	12	36	\$	-			
	2	0.23	0.9	175	12	86	0.19	0.7	175	12	72	\$	-			
	6	0.34	1.3	175	12	120	0.28	1.0	175	12	102	\$	-			
	3	0.51	1.9	175	12	173	0.42	1.6	175	12	144	\$	-			
	Motor Code															
	8	0.25 HP, 1725 RPM, 1 Phase, 60 Hertz, 115/230 Volt, TEFC, NEMA 56C										\$	288			
	9	0.33 HP (.25 kW), 1425 RPM, 1 Phase, 50 Hertz, 115/230 Volt, TEFC, NEMA 56C										\$	288			
	J	0.25 HP, 1725 RPM, 3 Phase, 60 Hertz, 230/460 Volt, TEFC, NEMA 56C										\$	288			
	L	0.33 HP (.25 kW), 1425 RPM, 3 Phase, 50 Hertz, 220/380/440 Volt, TEFC, NEMA 56C										\$	288			
	P	DC Variable Speed Drive; 0.5 HP 1725 RPM TEFC motor w/DC Drive, 4-20 mA input, NEMA 4/12 115 VAC										\$	2,293			
	X	Mount less Motor; Flange Mount, NEMA 56C										\$	-			
			Liquid End	Head		Valves		Seals		Seats		Balls		RPM		
	2	PVDF	PVDF		PVDF		PolyPrel®		C22		Ceramic		RPM099	\$	1,533	
	8	PVC	PVC		PVDF		PolyPrel®		C22		Ceramic		RPM099	\$	935	
	7	316 SS	316 SS		316 SS		PTFE		316 SS		316 SS		RPM101	\$	2,160	
	P	Polymer Apps.	PVC		PVDF		Viton®		C 22		Alloy 20		Call Factory	\$	1,886	
	N	H2SO4 Apps	PVC		PVDF		PolyPrel®		Alloy 20		Alloy 20		Call Factory	\$	1,902	
			Connection Code													
			P Standard 1/4" NPTM											\$	-	
			T Tubing (Barb Fitting) 1/4"											Not available on Metallic Heads		\$
SD2	1	8	2	P												

RPM	Price	Contents
RPM099	\$ 1,156.50	
RPM101	\$ 1,078.50	*Diaphragm *Oil Seal *O-Rings *Suction & Discharge Cartridge, OR *Balls & Seats

All capacities are based on maximum pressures. For operation at reduced pressures, add 1% flow for every 25 psi (1.7 bar) decrease in pressure.

Motor requirements: 1/4 Horsepower or 0.18 KW

SERIES G - SD PUMP SELECTION AND PRICING

73

SIZE CODE 4

14.4 GPH (55 LPH); 150 psi (10 bar)

SD4												Price
Drive End												
SD4	Size Code											\$ 1,972
Gear Code	60Hz					50Hz						
	GPH	LPH	psi	bar	SPM	GPH	LPH	psi	bar	SPM		
1	3	11.4	150	10	43	2.5	9.5	150	10	36	\$	-
2	6.6	25	150	10	86	5.5	21	150	10	72	\$	-
6	10	38	150	10	120	6.9	26	150	10	102	\$	-
3	14.4	55	150	10	173	12	45	150	10	144	\$	-
Motor Code												
8	0.25 HP, 1725 RPM, 1 Phase, 60 Hertz, 115/230 Volt, TEFC, NEMA 56C											\$ 288
9	0.33 HP (.25 kW), 1425 RPM, 1 Phase, 50 Hertz, 115/230 Volt, TEFC, NEMA 56C											\$ 288
J	0.25 HP, 1725 RPM, 3 Phase, 60 Hertz, 230/460 Volt, TEFC, NEMA 56C											\$ 288
L	0.33 HP (.25 kW), 1425 RPM, 3 Phase, 50 Hertz, 220/380/440 Volt, TEFC, NEMA 56C											\$ 288
P	DC Variable Speed Drive; 0.5 HP 1725 RPM TEFC motor w/DC Drive, 4-20 mA input, NEMA 4/12 115 VAC											\$ 2,293
X	Mount less Motor; Flange Mount, NEMA 56C											\$ -
Liquid End	Head		Valves		Seals		Seats		Balls		RPM Kit	
2	PVDF	PVDF	PVDF	PolyPrel®	PTFE	Ceramic	RPM102	\$	1,533			
8	PVC	PVC	PVDF	PolyPrel®	PTFE	Ceramic	RPM102	\$	935			
7	316 SS	316 SS	316 SS	PTFE	316 SS	316 SS	RPM104	\$	2,160			
P	Polymer Apps	PVC	PVDF	Viton®	316 SS	316 SS	RPM196	\$	1,886			
L	Slurry Apps	316 SS	316 SS	-	316 SS	316 SS	RPM212	\$	2,582			
N	H2SO4 Apps	PVC	PVDF	PolyPrel®	Alloy 20	Alloy 20	RPM173	\$	1,902			
Connection Code												
P	Standard, 1/4" NPTM (1/2" for Slurry Apps)											\$ -
T	Tubing (Barb Fitting) 1/2"											\$ -
P	Degassing, 1/4" NPTF, must order Valve PN 38794											\$ -
T	Degassing, 1/2" Tubing, must order Valve PN 38794											\$ -
SD4	1	8	2	P								

RPM Kit	Price	Contents
RPM102	\$ 444.00	*Diaphragm
RPM102	\$ 444.00	*Oil Seal
RPM104	\$ 586.50	*O-Rings
RPM196	\$ 1,557.00	*Suction & Discharge
RPM173	\$ 1,012.50	Cartridge, OR
RPM212	\$ 1,408.50	*Balls & Seats

Degassing Valve	Price
38794	\$ 274

All capacities are based on maximum pressures. For operation at reduced pressures, add 1% flow for every 25 psi (1.7 bar) decrease in pressure.

Motor requirements: 1/4 Horsepower or 0.18 KW

SERIES G - SD

PUMP SELECTION AND PRICING

74

SIZE CODE 7

50 GPH (189 LPH); 100 psi (7 bar)

SD7													Price			
Drive End																
SD7	Size Code											\$	1,972			
	60Hz					50Hz										
	Gear Code		GPH	LPH	psi	bar	SPM	GPH	LPH	psi	bar	SPM				
	1		13	49	100	7	43	10	38	100	7	36	\$	-		
	2		25	95	100	7	86	21	79	100	7	72	\$	-		
	6		34	129	100	7	120	28	106	100	7	102	\$	-		
	3		50	189	100	7	173	42	159	100	7	144	\$	-		
	Motor Code															
	8		0.25 HP, 1725 RPM, 1 Phase, 60 Hertz, 115/230 Volt, TEFC, NEMA 56C									\$	288			
	9		0.33 HP (.25 kW), 1425 RPM, 1 Phase, 50 Hertz, 115/230 Volt, TEFC, NEMA 56C									\$	288			
	J		0.25 HP, 1725 RPM, 3 Phase, 60 Hertz, 230/460 Volt, TEFC, NEMA 56C									\$	288			
	L		0.33 HP (.25 kW), 1425 RPM, 3 Phase, 50 Hertz, 220/380/440 Volt, TEFC, NEMA 56C									\$	288			
	P		DC Variable Speed Drive; 0.5 HP 1725 RPM TEFC motor w/DC Drive, 4-20 mA input, NEMA 4/12 115 VAC									\$	2,293			
	X		Mount less Motor; Flange Mount, NEMA 56C									\$	-			
			Liquid End	Head	Valves	Seals	Seats	Balls	RPM Kit							
	2		PVDF	PVDF	PVDF	Teflex®	PVDF	Ceramic	RPM136	\$	3,369					
	8		PVC	PVC	PVDF	Viton®	PVC	Ceramic	RPM135	\$	1,530					
	7		316 SS	316 SS	316 SS	Viton®	316 SS	316 SS	RPM137	\$	3,600					
	P		Polymer Apps	PVC	PVC	Viton®	316 SS	316 SS	RPM211	\$	1,959					
	L		Slurry Apps	PVC	316 SS	Viton®	316 SS	316 SS	RPM401	\$	3,830					
	N		H2SO4 Apps	PVC	PVDF	PolyPrel®	Alloy 20	Alloy 20	RPM175	\$	2,540					
			Connection Code													
			P Standard 1/2" NPTF								\$	-				
			T Tubing (Barb Fitting) 1/2"								Not available on Metallic Heads				\$	-
			P Degassing, 1/2" NPTF, must order Valve PN 61411								Not available on Metallic Heads				\$	-
		T Degassing, 1/2" Tubing, must order Valve PN 61411								Not available on Metallic Heads				\$	-	
SD7	1	8	2	P												

RPM Kit	Price	Contents
RPM135	\$ 451.50	*Diaphragm
RPM136	\$ 498.00	*Oil Seal
RPM137	\$ 1,542.00	*O-Rings
RPM211	\$ 1,033.50	*Suction & Discharge
RPM175	\$ 894.00	Cartridge, OR
RPM401	\$ 1,341.00	*Balls & Seats

Degassing Valve	Price
61411	\$ 1,848

All capacities are based on maximum pressures. For operation at reduced pressures, add 1% flow for every 25 psi (1.7 bar) decrease in pressure.

Motor requirements: 1/4 Horsepower or 0.18 KW

SERIES G - SD

PUMP SELECTION AND PRICING

75

SIZE CODE 8

127 GPH (481 LPH); 75 psi (5 bar)

SD8												Price	
Drive End													
SD8	Size Code											\$	2,306

RPM Kit	Price	Contents
RPM105	\$ 451.50	*Diaphragm
RPM106	\$ 445.50	*Oil Seal
RPM107	\$1,542.00	*O-Rings
RPM210	\$ 783.00	*Suction & Discharge
RPM183	\$ 922.50	Cartridge, OR *Balls & Seats

Degassing Valve	Price
61411	\$ 1,848

All capacities are based on maximum pressures. For operation at reduced pressures, add 1% flow for every 25 psi (1.7 bar) decrease in pressure.

Motor requirements: 1/4 Horsepower or 0.18 KW for 3-phase
1/3 Horsepower or 0.25 KW for 1-phase

SERIES G - SD

PUMP SELECTION AND PRICING

76

Series G Model SD Drive End

SD						Price
Drive End Only						
SD						\$ -
	Liquid End Size Code					Max GPH at 173 SPM
	2	Only fits on Liquid End Code 2				0.7
	4	Liquid End Code 4 & 7 are interchangeable on drives with any of these codes				14.4
	7	Liquid End Code 4 & 7 are interchangeable on drives with any of these codes				50
	8	Only fits on Liquid End Code 8				127
		Gear Code		SPM at 60 Hz		SPM at 50 Hz
		1	43		36	
		2	86		72	
		6	120		102	
		3	173		144	
		Motor Code				
		8	0.25 HP, 1725 RPM, 1 Phase, 60 Hertz, 115/230 Volt, TEFC, NEMA 56C			
		9	0.33 HP (.25 kW), 1425 RPM, 1 Phase, 50 Hertz, 115/230 Volt, TEFC, NEMA 56C			
		J	0.25 HP, 1725 RPM, 3 Phase, 60 Hertz, 230/460 Volt, TEFC, NEMA 56C			
		L	0.33 HP (.25 kW), 1425 RPM, 3 Phase, 50 Hertz, 220/380/440 Volt, TEFC, NEMA 56C			
P		0.5 HP 1725 RPM TEFC motor w/DC Drive, 4-20 mA Input, NEMA 4/12 115 VAC				
X		Mount less Motor; Flange Mount, NEMA 56C				
SD	2	1	8	-DR		

All capacities are based on maximum pressures. For operation at reduced pressures, add 1% flow for every 25 psi (1.7 bar) decrease in pressure.

Motor requirements: 1/4 Horsepower or 0.18 KW

SERIES G - SD PUMP SELECTION AND PRICING

77

Series G Model SD Liquid End

SD											
Liquid End Only									Price		
SD2		Size Code 2							\$	-	
SD4		Size Code 4							\$	-	
SD7		Size Code 7							\$	-	
SD8		Size Code 8							\$	-	
	Liquid End Material by Size Code										
	Size Code 2		Head	Valves	Seals	Seats	Balls	RPM			
	2	PVDF	PVDF	PVDF	PolyPrel®	C22	Ceramic	RPM099	\$ 1,533		
	8	PVC	PVC	PVDF	PolyPrel®	C22	Ceramic	RPM099	\$ 935		
	7	316 SS	316 SS	316 SS	PTFE	316 SS	316 SS	RPM101	\$ 2,160		
	P	Polymer Apps.	PVC	PVDF	Viton®	Alloy 22	Alloy 20	Call Factory	\$ 1,886		
	N	H2SO4 Apps	PVC	PVDF	PolyPrel®	Alloy 20	Alloy 20	Call Factory	\$ 1,902		
	Size Code 4		Head	Valves	Seals	Seats	Balls	RPM Kit			
	2	PVDF	PVDF	PVDF	Teflex®	PVDF	Ceramic	RPM102	\$ 1,533		
	8	PVC	PVC	PVDF	Viton®	PVC	Ceramic	RPM102	\$ 935		
	7	316 SS	316 SS	316 SS	Viton®	316 SS	316 SS	RPM104	\$ 2,160		
	P	Polymer Apps	PVC	PVC	Viton®	316 SS	316 SS	RPM196	\$ 1,886		
	L	Slurry Apps	PVC	316 SS	Viton®	316 SS	316 SS	RPM212	\$ 2,582		
	N	H2SO4 Apps	PVC	PVDF	Viton®	Alloy 20	Alloy 20	RPM173	\$ 1,902		
	Size Code 7		Head	Valves	Seals	Seats	Balls	RPM Kit			
	2	PVDF	PVDF	PVDF	Teflex®	PVDF	Ceramic	RPM136	\$ 3,369		
	8	PVC	PVC	PVDF	Viton®	PVC	Ceramic	RPM135	\$ 1,530		
	7	316 SS	316 SS	316 SS	Viton®	316 SS	316 SS	RPM137	\$ 3,600		
	P	Polymer Apps	PVC	PVC	Viton®	316 SS	316 SS	RPM211	\$ 1,959		
	L	Slurry Apps	PVC	316 SS	Viton®	316 SS	316 SS	RPM401	\$ 3,830		
	N	H2SO4 Apps	PVC	PVDF	PolyPrel®	Alloy 20	Alloy 20	RPM175	\$ 2,540		
	Size Code 8		Head	Valves	Seals	Seats	Balls	RPM Kit			
	2	PVDF	PVDF	PVDF	Teflex®	PVDF	Ceramic	RPM106	\$ 3,487		
	8	PVC	PVC	PVDF	Viton®	PVC	Ceramic	RPM105	\$ 1,773		
	7	316 SS	316 SS	316 SS	Viton®	316 SS	316 SS	RPM107	\$ 4,035		
	P	Polymer Apps	PVC	PVC	Viton®	316 SS	316 SS	RPM210	\$ 2,046		
	L	Slurry Apps	PVC	316 SS	Viton®	316 SS	316 SS	Call Factory	\$ 4,144		
	N	H2SO4 Apps	PVC	PVDF	Viton®	Alloy 20	Alloy 20	RPM183	\$ 2,767		
	Connections by Size Code										
	Size Code 2										
	P		Standard 1/4" NPTM						\$	-	
	T		Tubing (Barb Fitting) 1/4"						Not available on Metallic Heads	\$ -	
	Size Code 4										
	P		Standard, 1/4" NPTM (1/2" for Slurry Apps)						\$	-	
	T		Tubing (Barb Fitting) 1/2"						Not available on Metallic Heads	\$ -	
	P		Degassing, 1/4" NPTF, must order Valve PN 38794						Not available on Metallic Heads	\$ -	
	T		Degassing, 1/2" Tubing, must order Valve PN 38794						Not available on Metallic Heads	\$ -	
	Size Code 7 & 8										
	P		Standard 1/2" NPTF						\$	-	
	T		Tubing (Barb Fitting) 1/2"						Not available on Metallic Heads	\$ -	
	P		Degassing, 1/2" NPTF, must order Valve PN 61411						Not available on Metallic Heads	\$ -	
	T		Degassing, 1/2" Tubing, must order Valve PN 61411						Not available on Metallic Heads	\$ -	
	SD2	2	P	-LE							

Degassing Valve		Price
38794	\$	274
61411	\$	1,848

All capacities are based on maximum pressures. For operation at reduced pressures, add 1% flow for every 25 psi (1.7 bar) decrease in pressure.
Motor requirements: 1/4 Horsepower or 0.18 KW

SERIES G SG METERING PUMPS



Size Code	Max Output		Max Pressure	
	GPH	LPH	PSI	Bar
5	106	400	150	10.3
6	147	556	100	6.9
7	300	1136	50	3.4

Liquid Ends & Drives

The liquid ends and drives for Series G pumps can be purchased separately using the codes and pricing from the following price pages.

NOTE: Drives cannot be mixed and matched with all liquid end sizes. Check with factory before attempting to put a different size liquid end on a drive.

SERIES G - SG

PUMP SELECTION AND PRICING

79

SIZE CODE 5

106 GPH (400 LPH); 150 psi (10.3 bar)

SG5												Price	
Drive End													
SG5	Size Code											\$ 3,164	
	60Hz					50Hz							
	Gear Code	GPH	LPH	psi	bar	SPM	GPH	LPH	psi	bar	SPM		
	1	26	98	150	10.3	43	22	82	150	10.3	36	\$ -	
	2	53	200	150	10.3	86	44	167	150	10.3	72	\$ -	
	6	75	284	150	10.3	120	63	237	150	10.3	102	\$ -	
	3	106	400	150	10.3	173	88	334	150	10.3	144	\$ -	
	Motor Code												
	8	1 HP, 1725 RPM, 1 Phase, 60 Hertz, 115/230 Volt, TEFC, NEMA 56C										\$ 448	
	9	1 HP (.75 kW), 1425 RPM, 1 Phase, 50 Hertz, 115/230 Volt, TE, NEMA 56C										\$ 448	
	J	1 hp, 1725 RPM, 3 Phase, 60 Hertz, 230/460 Volt, TEFC, NEMA 56C										\$ 448	
	L	1 HP (.75 kW), 1450 RPM, 3 Phase, 50 Hertz, 220/380 Volt, TEFC, NEMA 56C										\$ 448	
	P	1 HP 1725 RPM TEFC motor w/DC Drive, 4-20 mA input, NEMA 4/12 115 VAC										\$ 2,293	
	X	Mount less Motor; Flange Mount, NEMA 56C										\$ -	
	Y	Mount less Motor; Flange Mount, NEMA 143/145TC										\$ -	
	Liquid End		Head		Valves		Seals		Seats		Balls		RPM
	2	PVDF	PVDF		PVDF		Teflex®		PVDF		Ceramic		RPM046
	7	316 SS	316 SS		316 SS		Viton®		316 SS		316 SS		RPM047
	8	PVC	PVC		PVC		Viton®		PVC		Ceramic		RPM045
	4	Black PP	Black PP		PVDF		Viton®		PVC		Ceramic		RPM045
	C	Caustic Apps	PVC		PVDF		EPDM		PVC		Ceramic		RPM483
	F	Flouride Apps	PVC		PVDF		Viton®		PVC		PTFE		RPM045
	P	Polymer Apps	PVC		PVDF		Viton®		316 SS		316 SS		RPM126
	L	Slurry Apps*	PVC		316 SS		Viton®		316 SS (pin)		316 SS		SEE NOTE
	N	H2SO4 Apps	PVC		PVDF		Viton®		Alloy 20		Alloy 20		RPM175
	Connection Code												
	P	Standard, 1/2" NPTF										\$ -	
	T	Tubing (Barb Fitting) 1/2"										\$ -	
P	Degassing, 1/2" NPTF, must order Valve PN 61411							Not available on Metallic Heads			\$ -		
T	Degassing, 1/2" Tubing, must order Valve PN 61411							Not available on Metallic Heads			\$ -		
SG5	1	8	2	P									

RPM	Price	Contents
RPM045	\$ 601.50	*Diaphragm *Oil Seal *O-Rings *Suction & Discharge Cartridge, OR *Balls & Seats
RPM046	\$ 582.00	
RPM047	\$ 1,776.00	
RPM483	\$ 394.50	
RPM126	\$ 1,201.50	
RPM175	\$ 894.00	
RPM226	\$ 2,628.00	
RPM400	\$ 1,932.00	

Degassing Valve	Price
61411	\$ 1,848

*NOTE:

Slurry LE prior to May 2008, use RPM226.

Slurry LE post May 2008, new, or converted, use RPM400

SG5 Slurry pumps made before 2008 may require conversion kit RPM226 in order to use parts in RPM400 going forward. RPM400 is a more cost effective design used on all new pumps after May 2008 and on those converted to the new design using RPM226.

High Viscosity Liquid Ends may result in a reduction of output.

All Diaphragms are PTFE.

All capacities are based on maximum pressures. For operation at reduced pressures, add 1% flow for every 25 psi (1.7 bar) decrease in pressure.

Motor Requirements: 1HP / 0.75kW for Single and Three Phase

SERIES G - SG

PUMP SELECTION AND PRICING

80

SIZE CODE 6

147 GPH (556 LPH); 100 psi (6.9 bar)

SG6												Price
Drive End												
SG6	Size Code											\$ 3,164
	60Hz					50Hz						
	Gear Code	GPH	LPH	psi	bar	SPM	GPH	LPH	psi	bar	SPM	
	1	36	136	100	6.9	43	30	114	100	6.9	36	\$ -
	2	73	276	100	6.9	86	61	230	100	6.9	72	\$ -
	6	104	394	100	6.9	120	87	238	100	6.9	102	\$ -
	3	147	556	100	6.9	173	123	464	100	6.9	144	\$ -
	Motor Code											
	8	1 HP, 1725 RPM, 1 Phase, 60 Hertz, 115/230 Volt, TEFC, NEMA 56C										\$ 448
	9	1 HP (.75 kW), 1425 RPM, 1 Phase, 50 Hertz, 115/230 Volt, TE, NEMA 56C										\$ 448
	J	1 hp, 1725 RPM, 3 Phase, 60 Hertz, 230/460 Volt, TEFC, NEMA 56C										\$ 448
	L	1 HP (.75 kW), 1450 RPM, 3 Phase, 50 Hertz, 220/380 Volt, TEFC, NEMA 56C										\$ 448
	P	1 HP 1725 RPM TEFC motor w/DC Drive, 4-20 ma input, NEMA 4/12 115 VAC										\$ 2,293
	X	Mount less Motor; Flange Mount, NEMA 56C										\$ -
	Y	Mount less Motor; Flange Mount, NEMA 143/145TC										\$ -
	Liquid End Head Valves Seals Seats Balls RPM											
	2	PVDF	PVDF	PVDF	Teflex®	PVDF	Ceramic	RPM049	\$ 5,345			
	7	316 SS	316 SS	316 SS	PTFE	316 SS	316 SS	RPM050	\$ 4,034			
	8	PVC	PVC	PVC	Viton®	PE	Ceramic	RPM048	\$ 1,954			
	4	Black PP	Black PP	PP	Viton®	PE	Ceramic	RPM048	\$ 2,443			
	C	Caustic Apps	PVC	PVC	EPDM	PE	Ceramic	RPM485	\$ 1,954			
	F	Flouride Apps	PVC	PVC	Viton®	PE	PTFE	RPM048	\$ 1,954			
	P	Polymer Apps	PVC	PVC	Viton®	316 SS	316 SS	RPM176	\$ 3,112			
	L	Slurry Apps	PVC	316 SS	Viton®	316 SS (pin)	316 SS	RPM219	\$ 4,095			
	N	H2SO4 Apps	PVC	PVDF	Viton®	Alloy 20	Alloy 20	RPM194	\$ 2,902			
	Connection Code											
	P	Standard; 1" NPTF for Plastic Heads, 1" NPTM for Metallic Heads										\$ -
T	Tubing (Barb Fitting) 1"										\$ -	
P	Degassing, 1/2" NPTF, must order Valve PN 61421					Not available on Metallic Heads					\$ -	
T	Degassing, 1/2" Tubing, must order Valve PN 61421					Not available on Metallic Heads					\$ -	
SG6	1	8	2	P								

RPM	Price	Contents
RPM048	\$ 751.50	*Diaphragm
RPM049	\$ 1,228.50	*Oil Seal
RPM050	\$ 705.00	*O-Rings
RPM176	\$ 1,783.50	*Suction & Discharge
RPM194	\$ 3,961.50	Cartridge, OR
RPM219	\$ 1,224.00	*Balls & Seats
RPM485	\$ 544.50	

Degassing Valve	Price
61411	\$ 1,848

NOTE:

High Viscosity Liquid Ends may result in a reduction of output.

All Diaphragms are PTFE.

All capacities are based on maximum pressures. For operation at reduced pressures, add 1% flow for every 25 psi (1.7 bar) decrease in pressure.

Motor Requirements: 1HP / 0.75kW for Single and Three Phase

SERIES G - SG

PUMP SELECTION AND PRICING

81

SIZE CODE 7

300 GPH (1136 LPH); 50 psi (3.4 bar)

SG7 Drive End											Price			
SG7	Size Code										\$ 3,322			
	60Hz					50Hz								
	Gear Code	GPH	LPH	psi	bar	SPM	GPH	LPH	psi	bar	SPM			
	1	75	284	50	3.4	43	63	237	50	3.4	36	\$ -		
	2	149	564	50	3.4	86	127	470	50	3.4	72	\$ -		
	6	208	787	50	3.4	120	173	656	50	3.4	102	\$ -		
	3	300	1136	50	3.4	173	250	946	50	3.4	144	\$ -		
	Motor Code													
	8	1.5 HP, 1725 RPM, 1 Phase, 60 Hertz, 115/230 Volt, TEFC, NEMA 56C										\$ 448		
	9	1.5 HP (1.1 kW), 1425 RPM, 1 Phase, 50 Hertz, 115/230 Volt, TE, NEMA 56C										\$ 448		
	J	1 hp, 1725 RPM, 3 Phase, 60 Hertz, 230/460 Volt, TEFC, NEMA 56C										\$ 448		
	L	1 HP (.75 kW), 1450 RPM, 3 Phase, 50 Hertz, 220/380 Volt, TEFC, NEMA 56C										\$ 448		
	P	1 HP 1725 RPM TEFC motor w/DC Drive, 4-20 ma input, NEMA 4/12 115 VAC										\$ 2,293		
	X	Mount less Motor; Flange Mount, NEMA 56C										\$ -		
	Y	Mount less Motor; Flange Mount, NEMA 143/145TC										\$ -		
	Liquid End		Head		Valves		Seals		Seats		Balls		RPM	
	2	PVDF	PVDF		PVDF		Teflex®		PVDF		Ceramic		RPM052	\$ 7,846
	7	316 SS	316 SS		316 SS		PTFE		316 SS		316 SS		RPM053	\$ 4,989
	8	PVC	PVC		PVC		Viton®		PE		Ceramic		RPM051	\$ 3,643
	C	Caustic Apps	PVC		PVC		EPDM		PE		Ceramic		RPM487	\$ 3,643
	F	Flouride Apps	PVC		PVC		Viton®		PE		Teflon		RPM488	\$ 3,643
	P	Polymer Apps	PVC		PVC		Viton®		316 SS		316 SS		RPM221	\$ 5,072
	L	Slurry Apps	PVC		316 SS		Viton®		316 SS (pin)		316 SS		RPM220	\$ 5,515
	N	H2SO4 Apps	PVC		PVC		Viton®		Alloy 20		Alloy 20		RPM203	\$ 5,434
	Connection Code													
	P	Standard; 1" NPTF for Plastic Heads, 1" NPTM for Metallic Heads										\$ -		
	T	Tubing (Barb Fitting) 1"										\$ -		
	P	Degassing, 1/2" NPTF, must order Valve PN 61421					Not available on Metallic Heads					\$ -		
T	Degassing, 1/2" Tubing, must order Valve PN 61421					Not available on Metallic Heads					\$ -			
SG7	1	8	2	P										

RPM	Price	Contents
RPM051	\$ 789.00	*Diaphragm
RPM052	\$ 1,282.50	*Oil Seal
RPM053	\$ 1,126.50	*O-Rings
RPM203	\$ 3,379.50	*Suction & Discharge
RPM220	\$ 1,351.50	Cartridge, OR
RPM221	\$ 2,553.00	*Balls & Seats
RPM487	\$ 601.50	
RPM488	\$ 415.50	

Degassing Valve	Price
61421	\$ 2,676

NOTE:

High Viscosity Liquid Ends may result in a reduction of output.

All Diaphragms are PTFE.

All capacities are based on maximum pressures. For operation at reduced pressures, add 1% flow for every 25 psi (1.7 bar) decrease in pressure.

Motor Requirements-

Single Phase: 1.5 HP / 1.1 kW

Three Phase : 1 HP / 0.75 kW

SERIES G - SG

PUMP SELECTION AND PRICING

82

Series G Model SG Drive End

SG					Price		
Drive End Only							
SG	Size Code				\$	3,164	
	Gear Code		SPM at 60 Hz		SPM at 50 Hz		
	1		43		36		
	2		86		72		
	6		120		102		
	3		173		144		
		Motor Code					
	8	1 HP, 1725 RPM, 1 Phase, 60 Hertz, 115/230 Volt, TEFC, NEMA 56C				\$	448
	9	1 HP (.75 kW), 1425 RPM, 1 Phase, 50 Hertz, 115/230 Volt, TE, NEMA 56C				\$	448
	J	1 hp, 1725 RPM, 3 Phase, 60 Hertz, 230/460 Volt, TEFC, NEMA 56C				\$	448
	L	1 HP (.75 kW), 1450 RPM, 3 Phase, 50 Hertz, 220/380 Volt, TEFC, NEMA 56C				\$	448
	P	1 HP 1725 RPM TEFC motor w/DC Drive, 4-20 ma input, NEMA 4/12 115 VAC				\$	2,293
	X	Mount less Motor; Flange Mount, NEMA 56C				\$	-
	Y	Mount less Motor; Flange Mount, NEMA 143/145TC				\$	-
SG	1	8	-DR				

SERIES G - SG PUMP SELECTION AND PRICING

83

Series G Model SG Liquid End

SG										
Liquid End Only									Price	
SG5	Size Code 5								\$ -	
SG6	Size Code 6								\$ -	
SG7	Size Code 7								\$ -	
	Liquid End Material by Size Code									
	Size Code 5		Head	Valves	Seals	Seats	Balls	RPM		
	2	PVDF	PVDF	PVDF	Teflex®	PVDF	Ceramic	RPM046	\$ 3,088	
	7	316 SS	316 SS	316 SS	Viton®	316 SS	316 SS	RPM047	\$ 3,688	
	8	PVC	PVC	PVC	Viton®	PVC	Ceramic	RPM045	\$ 1,603	
	4	Black PP	Black PP	PVDF	Viton®	PVC	Ceramic	RPM045	\$ 2,185	
	C	Caustic Apps	PVC	PVDF	EPDM	PVC	Ceramic	RPM483	\$ 1,603	
	F	Flouride Apps	PVC	PVDF	Viton®	PVC	PTFE	RPM045	\$ 1,603	
	P	Polymer Apps	PVC	PVDF	Viton®	316 SS	316 SS	RPM126	\$ 2,153	
	L	Slurry Apps	PVC	316 SS	Viton®	316 SS (pin)	316 SS	see note	\$ 2,035	
	N	H2SO4 Apps	PVC	PVDF	Viton®	Alloy 20	Alloy 20	RPM175	\$ 2,329	
	Size Code 6		Head	Valves	Seals	Seats	Balls	RPM		
	2	PVDF	PVDF	PVDF	Teflex®	PVDF	Ceramic	RPM049	\$ 5,345	
	7	316 SS	316 SS	316 SS	PTFE	316 SS	316 SS	RPM050	\$ 4,034	
	8	PVC	PVC	PVC	Viton®	PE	Ceramic	RPM048	\$ 1,954	
	4	Black PP	Black PP	PP	Viton®	PE	Ceramic	RPM048	\$ 2,443	
	C	Caustic Apps	PVC	PVC	EPDM	PE	Ceramic	RPM485	\$ 1,954	
	F	Flouride Apps	PVC	PVC	Viton®	PE	PTFE	RPM048	\$ 1,954	
	P	Polymer Apps	PVC	PVC	Viton®	316 SS	316 SS	RPM176	\$ 3,112	
	L	Slurry Apps	PVC	316 SS	Viton®	316 SS (pin)	316 SS	RPM219	\$ 4,095	
	N	H2SO4 Apps	PVC	PVDF	Viton®	Alloy 20	Alloy 20	RPM194	\$ 2,902	
	Size Code 7		Head	Valves	Seals	Seats	Balls	RPM		
	2	PVDF	PVDF	PVDF	Teflex®	PVDF	Ceramic	RPM052	\$ 7,846	
	7	316 SS	316 SS	316 SS	PTFE	316 SS	316 SS	RPM053	\$ 4,989	
	8	PVC	PVC	PVC	Viton®	PE	Ceramic	RPM051	\$ 3,643	
	C	Caustic Apps	PVC	PVC	EPDM	PE	Ceramic	RPM487	\$ 3,643	
	F	Flouride Apps	PVC	PVC	Viton®	PE	Teflon	RPM488	\$ 3,643	
	P	Polymer Apps	PVC	PVC	Viton®	316 SS	316 SS	RPM221	\$ 5,072	
	L	Slurry Apps	PVC	316 SS	Viton®	316 SS (pin)	316 SS	RPM220	\$ 5,515	
	N	H2SO4 Apps	PVC	PVC	Viton®	Alloy 20	Alloy 20	RPM203	\$ 5,434	
		Connections by Size Code								
		Size Code 5								
		P	Standard, 1/2" NPTF							\$ -
		T	Tubing (Barb Fitting) 1/2"							\$ -
		P	Degassing, 1/2" NPTF, must order Valve PN 61411				Not available on Metallic Heads		\$ -	
		T	Degassing, 1/2" Tubing, must order Valve PN 61411				Not available on Metallic Heads		\$ -	
		Size Code 6 & 7								
		P	Standard; 1" NPTF for Plastic Heads, 1" NPTM for Metallic Heads							\$ -
		T	Tubing (Barb Fitting) 1"							\$ -
		P	Degassing, 1/2" NPTF, must order Valve PN 61421				Not available on Metallic Heads		\$ -	
	T	Degassing, 1/2" Tubing, must order Valve PN 61421				Not available on Metallic Heads		\$ -		
	SG5	2	P	-LE						

Degassing Valve	Price
61411	\$ 1,848
61421	\$ 2,676

Series G Parts by Number

84

Part Number	Description	Units	Price	Part Number	Description	Units	Price
21291	DRIVE SHAFT MACROY D	EA	\$ 715.50	60640	DIAPHRAGM CAP GB80 PVDF	EA	\$ 1,623.00
39461	CARTRIDGE ASM, 375	EA	\$ 714.00	60642	SUPPORT NUT GB80 304SS	EA	\$ 1,305.00
40203	WALDES TRUARC RET RING 5133-12	EA	\$ 14.10	60654	OBSOLETE - SEE 560654	EA	Obsolete
40204	WALDES RET RING X5133-18	EA	\$ 14.10	60733	COUPLING WORM,GM/MACROY D, 56C	EA	\$ 41.40
40348	O-RING TEFLEX PARKER#2-117	EA	Obsolete	60754	BACK-UP PLATE G40/60	EA	\$ 244.50
41065	BREATHER PLUG, 3/8 (#54022)	EA	\$ 66.00	60765	O-RING, TEFLEX-V-123	EA	\$ 36.90
41069	SOC HD SCR #10-24X1-3/4 SS	EA	\$ 14.10	60819	G40 LIME SLURRY SEAL RING,316S	EA	\$ 595.50
41655	BALL 9/32 DIA. CA20	EA	\$ 99.00	60828	DO NOT USE (560829&560829)	EA	Obsolete
60001	DRIVE HOUSING MACHINED GB	EA	\$ 928.50	60829	DO NOT USE (560829&560829)	EA	Obsolete
60002	SLIDING CRANK STEEL GB	EA	\$ 432.00	60855	SEAT 5/8" BALL CA20	EA	\$ 280.50
60003	ECCENTRIC STEEL GB	EA	\$ 376.50	60865	CONV KIT D7,D8,G5 POLYMER 1/2"	EA	\$ 1,249.50
60007	GEAR 10:1	EA	Obsolete	60875	ECCENTRIC; STROKE COUNTING	EA	\$ 2,676.00
60009	GEAR 20:1 MACD	EA	Obsolete	60876	TARGET; MACG STROKE COUNTING	EA	\$ 1,191.00
60011	GEAR 40:1 MACG	EA	Obsolete	60877	HOUSING; STROKE COUNTING	EA	\$ 1,845.00
60014	THRUST FLANGE BEARING GB	EA	\$ 130.50	60878	INDUCTIVE PROXIMITY SWITCH	EA	\$ 1,710.00
60020	WORM 40:1 F130 GB	EA	Obsolete	60931	BASE KIT MACROY	EA	\$ 72.00
60024	CARTRIDGE BODY PVDF GB40	EA	\$ 58.50	60948	STRK ADJ SCR G OBSOL(H60768)	EA	Obsolete
60031	HEAD PVDF GB40	EA	\$ 3,103.50	60949	BRG RET OBSOL(H60757)	EA	Obsolete
60032	HEAD POLYPRO GB40	EA	\$ 331.50	60973	HSG STROKE COUNTING SPECIAL G	EA	\$ 2,437.50
60033	HEAD PVC GB40	EA	\$ 495.00	60974	TARGET ADAPTER STR COUNTING	EA	\$ 3,648.00
60034	OIL SEAL CLAMP ALUM G	EA	\$ 48.00	60995	DIAPHRAGM, MACROY D, LE4	EA	\$ 246.00
60035	DIAPH SUPPORT RING GB40 POLYP	EA	\$ 114.00	61035	SPACER: MACROY D LE 2/4	EA	\$ 474.00
60043	OIL SEAL CLAMP ALUM G	EA	\$ 28.20	61051	SUPPORT NUT: MACD4.0	EA	\$ 354.00
60048	DIAPHRAGM / OIL SEAL BELLOW	EA	\$ 29.70	61052	DIAPHRAGM CAP: PVC; MACD4.0	EA	\$ 246.00
60050	GEAR OBSOLETE - SEE 560050	EA	Obsolete	61053	DIAPHRAGM CAP; PVDF; MACD4.0	EA	\$ 327.00
60052	SHOE GB	EA	\$ 57.00	61055	PTFE WASHER	EA	\$ 16.50
60068	HEAD PVDF GB60	EA	\$ 2,589.00	61056	PVC HEAD	EA	\$ 697.50
60070	DIAPHRAGM SUPPORT RING GB60	EA	\$ 117.00	61057	DIAPHRAGM HEAD, MACD4.0, PVDF	EA	\$ 2,173.50
60086	HEX HEAD PLUG 3/8-19 BSP	EA	\$ 79.50	61059	10-24X 3/4" HI-PREFORM HEXHEAD	EA	\$ 12.00
60117	UNION END 1/2 NPT FEMALE PVC	EA	\$ 46.50	61075	SUPPORT RING MACROY D 4	EA	\$ 138.00
60119	UNION END 1/2 NPT PVDF	EA	\$ 102.00	61076	MAC D & MILD NAMEPLTE	EA	\$ 32.70
60130	HEAD PVC GB60	EA	\$ 528.00	61083	ADAPTER; MACD2.0	EA	\$ 484.50
60132	UNION END 1" NPT PVC	EA	\$ 45.00	61088	DIAPHRAM SEAT RING	EA	\$ 502.50
60133	UNION END 1" NPT PVDF	EA	\$ 199.50	61089	DIAPHRAGM HEAD PVC SD2	EA	\$ 1,071.00
60135	COUPLING 1 BSP X 1/2 NPT 316	EA	\$ 394.50	61090	DIAPHRAGM HEAD PVDF SD2	EA	\$ 1,222.50
60147	UNION END 1" BSP PVDF	EA	\$ 565.50	61104	MALE ECCENTRIC SD2	EA	\$ 853.50
60148	CAUTION MOTOR DECAL G	EA	\$ 18.90	61105	FEMALE ECCENTRIC SD2	EA	\$ 787.50
60150	DIAPHRAGM ASSY GB40 PVC	EA	\$ 973.50	61106	DIAPHRAGM HEAD 316SS SD2	EA	\$ 1,647.00
60151	DIAPHRAGM ASSY GB60 PVC	EA	\$ 1,567.50	61107	BALL SEAT 9/32 BALL	EA	\$ 477.00
60159	DIAPHRAGM SUPPORT RING GB80	EA	\$ 385.50	61108	KEY SD2	EA	\$ 387.00
60160	CAP POLYPRO B80 (60639)	EA	Obsolete	61114	COUPLING IEC 71 FR MAC D	EA	\$ 595.50
60162	DIAPHRAGM GB80 GYLON	EA	\$ 331.50	61115	COUPLING 56CFR MAC D	EA	\$ 1,926.00
60163	SUPPORT NUT ALUM GB80 (60642)	EA	Obsolete	61116	BEARING DEEP GROOVE SKF# 6203	EA	\$ 44.40
60165	ADAPTER LE/HSG ALUM GB80	EA	\$ 573.00	61118	G60-80 SLURRY VALVE BODY,316	EA	\$ 2,023.50
60171	HEAD PVC GB80	EA	\$ 1,317.00	61136	COVER MACHINED SD	EA	\$ 2,131.50
60173	DIAPH CAP PVDF GB80 (60640)	EA	\$ 900.00	61141	CHECK VALVE SD2-PVC/PVDF-NPT	EA	\$ 1,087.50
60174	HEAD PVDF GB80	EA	\$ 7,447.50	61142	CHECK VALVE SD2-PVC/PVDF-TUBE	EA	\$ 1,117.50
60180	DIAPHRAGM HEAD 316 GB80	EA	Obsolete	61145	SUPPORT RING, SD8	EA	\$ 841.50
60199	MOTOR ADAPTER PLATE IEC 80	EA	\$ 385.50	61146	SUPPORT NUT; D8	EA	\$ 513.00
60206	HEX HD SCR M8X130MM LG 304SS	EA	\$ 35.70	61147	HEAD PVDF SD8	EA	\$ 1,407.00
60208	HEX NIPPLE 1/4NPT X 1/4BSP 316	EA	\$ 99.00	61148	HEAD PVC SD8	EA	\$ 543.00
60222	WORM-GEAR-SHAFT 10:1 IEC80	EA	\$ 1,015.50	61149	HEAD 316SS SD8	EA	Obsolete
60223	WORM-GEAR-SHAFT 20:1 IEC 80	EA	\$ 1,015.50	61152	SPACER: MACROY D7/8	EA	\$ 18.90
60224	WORM-GEAR-SHAFT 40:1 IEC80	EA	\$ 1,015.50	61153	SPRING CUP D7/8 (6)	EA	\$ 72.00
60226	DIAPHRAGM ASSY GB80 PVC	EA	\$ 1,857.00	61154	PTFE SEAL RING	EA	\$ 37.65
60227	DIAPHRAGM ASSY GB80 POLYPRO	EA	\$ 1,387.50	61155	ADAPTER, CONN. ROD, SD7/8	EA	\$ 57.00
60228	DIAPHRAGM ASSY GB80 316SS	EA	\$ 2,554.50	61156	LE ADPTR, SD7/8(D61156/HSIS)	EA	\$ 459.00
60229	DIAPHRAGM ASSY GB80 PVDF	EA	\$ 1,729.50	61216	SEAT CA20 1" BALL, MACROY G	EA	\$ 627.00
60232	D.D. SPACER PVC GB80	EA	\$ 2,457.00	61246	STANDOFF - D/SD ECC	EA	\$ 297.00
60233	D.D. INTER RING PVC GB80	EA	\$ 2,701.50	61247	DRIVE COUPLING - D/SD ECC	EA	\$ 564.00
60260	WORM SHAFT COUPLING IEC 71 FR	EA	\$ 114.00	61260	HEAD BLEED PORT 316 GB40	EA	\$ 1,888.50
60261	WORM SHAFT COUPLING 56C FR	EA	\$ 114.00	61261	STROKE SCREW, ORING, MACROY D	EA	\$ 1,968.00
60264	SPRING LEE LC-092H-1	EA	\$ 13.80	61262	SET SCREW M8 MOD, 3"MACROY D	EA	\$ 100.50
60266	CHECK 1/2NPTF CERAMIC BALL	EA	Obsolete	61266	BASE MACROY G AND D	EA	\$ 207.00
60292	SIDE GUARDS ECC GB MODIFY	EA	\$ 484.50	61270	SEAT 3/8 BALL MACROY D-4, D-2	EA	\$ 420.00
60294	PAN HD SCR SLOT M3X10MM 304SS	EA	\$ 12.00	61273	CHECK VLV SD4-PVC/PVDF-NPT DIS	EA	\$ 870.00
60296	STROKE CONTROL KNOB KIT	EA	\$ 102.00	61274	CHECK VLV SD4-PVC/PVDF-NPT SUC	EA	\$ 484.50
60395	WORM-GEAR-SHAFT 10:1 56C	EA	\$ 1,015.50	61275	SPRING, LEE LC-016C-8-HAST-C	EA	\$ 549.00
60396	WORM-GEAR-SHAFT 20:1 56C	EA	\$ 1,015.50	61277	CHKVLVS SLURRY G6,7 KIT	EA	\$ 4,992.00
60397	WORM-GEAR-SHAFT 40:1 56C"G"	EA	\$ 1,015.50	61300	INDUCTIVE SWITCH CABLE	EA	\$ 175.50
60443	SIDE COVR OBSOLETE USE H60767	EA	Obsolete	61302	VALVE BODY & GUIDE D15.9 316L	EA	\$ 687.00
60444	STROKE ADJ (H60768)INS OBSOLET	EA	Obsolete	61303	COUPLING 1 BSP X 3/4 NPT 316	EA	\$ 843.00
60536	HEAD ACRYLIC GB40	EA	\$ 1,830.00	61304	SUC CHECK ASSY G6 316 KIT	EA	\$ 1,992.00
60618	DIAPHRAGM D82 LE 40 GYLON	EA	\$ 246.00	61305	HEAD BLEED PORT PVC GB40	EA	\$ 735.00
60624	DIAPHRAGM GB60 GYLON	EA	\$ 246.00	61306	HEAD BLEED PORT POLY PRO GB40	EA	\$ 928.50
60628	DIAPHRAGM CAP GB40 PVC	EA	\$ 177.00	61307	HEAD BLEED PORT PVDF GB40	EA	\$ 1,923.00
60629	DIAPHRAGM CAP GB40 POLYPRO	EA	\$ 264.00	61316	BALL SEAT 3/8 BALL CA-20	EA	\$ 379.50
60630	DIAPHRAGM CAP GB40 PVDF	EA	\$ 369.00	61319	HEX HD SCR M8X140MM LG 304SS	EA	\$ 14.10
60631	DIAPHRAGM CAP GB40 316SS	EA	\$ 469.50	61377	DIAPHRAGM HEAD BLK POLY SD2	EA	\$ 970.50
60632	SUPPORT NUT GB40 304SS	EA	\$ 310.50	61378	MALE CONN 1/16 NPTM X1/8 TUBE	EA	Obsolete
60633	DIAPHRAGM CAP GB60 PVC	EA	\$ 148.50	61379	MODIFY STUD 1/4 X 1-3/8LG	EA	\$ 334.50
60634	DIAPHRAGM CAP GB60 POLYPRO	EA	\$ 186.00	61380	ADAPTER DOUBLE DIAPH MACD2.0	EA	\$ 952.50
60635	DIAPHRAGM CAP GB60 PVDF	EA	\$ 1,242.00	61381	DIAPH MACROY D2 MODIFY DD	EA	\$ 379.50
60636	DIAPHRAGM CAP GB60 316SS	EA	\$ 619.50	61386	DIAPHRAM SEAT RING DD	EA	\$ 1,171.50
60637	SUPPORT NUT GB60 304SS	EA	\$ 378.00	61395	ELBOW 1" MPT X 1" BARB PVDF	EA	\$ 91.50
60638	DIAPH CAP GB80 PVC (60170)	EA	\$ 460.50	61396	ELBOW 1/2" MPT X 1/2" BARB PVDF	EA	\$ 49.50
60639	DIAPH CAP GB80 POLYPRO (60160)	EA	\$ 2,490.00	61407	DE-GASSING VALVE BODY PVC	EA	\$ 778.50

Series G Parts by Number

85

Part Number	Description	Units	Price	Part Number	Description	Units	Price
61408	DE-GASSING SEAT INSERT PVC	EA	\$ 477.00	4350035542	HEX HD SCR M8 X 35MM Z PL	EA	Obsolete
61409	DE-GASSING BALL STOP PVC	EA	\$ 178.50	4350035655	HEX HD SCR M8X 90MM LG 304SS	EA	\$ 21.30
61410	DE-GASSING LIFT PIN HASTC22	EA	\$ 244.50	4350035785	HEX HD SCR M10 X 75MM LG 304	EA	\$ 29.10
61411	DE-GAS VAL ASSY PVC D7/D8/G5	EA	\$ 1,848.00	4350036035	HEX HD SCR M12 X 130MM 304SS	EA	\$ 35.40
61412	UNION END 1/4 NPTF PVC	EA	\$ 99.00	4350071284	SOC SET SCR DOG PT M10X45MM ST	EA	\$ 13.20
61413	O' RING 2-015 VITON	EA	Obsolete	4350071334	SOC SET SCR DOG PT M10X70MM ST	EA	\$ 18.90
61414	DE-GASSING ADAP PVC 1" BSP	EA	\$ 1,168.50	4350071374	SOC SET SCR CUP PT M10X90MM	EA	\$ 30.15
61415	WORM-GEAR-SHAFT 14:1 56C	EA	\$ 1,080.00	4350117100	SELF-TAPPING TH'D INSERT M10	EA	\$ 14.85
61421	DEGASSING VALVE	EA	\$ 2,676.00	4370000140	BALL 14MM CERAMIC AD995	EA	\$ 123.00
61422	SENSOR ADAPTER STR COUNTING	EA	\$ 592.50	4370000169	BALL D15.9 GLASS (BOROSILICATE)	EA	\$ 60.00
61425	DE-GASSING ADAP PVC 1-1/2 BSP	EA	\$ 1,380.00	4380051062	O-RING VITON	EA	Obsolete
61426	HEAD BLEED PORT PVC GB60	EA	\$ 993.00	60030106071	BALL GUIDE PVC	EA	\$ 267.00
61439	SEAT 9/32 BALL CA20	EA	\$ 477.00	60240137073	SEAT POLYETHYLENE 1" BALL	EA	\$ 156.00
62000	BASE MACROY D 3-A	EA	\$ 1,029.00	1600273192N	MALE ECCENTRIC 6MM S.L. - N/A	EA	\$ 778.50
62001	DRIVE HOUSING MACHINED FD	EA	\$ 901.50	2502110067N	SEAL SIDE COVER SD	EA	\$ 69.00
62002	LOCKING KNOB MACROY FD 316	EA	\$ 592.50	3701310039N	OBSOLETED SEE 37013100039	EA	Obsolete
62003	STROKE KNOB MACROY FD 316SS	EA	\$ 1,635.00	4380024051N	O-RING 102MM ID 4MM THICK	EA	\$ 38.70
62009	STROKE SCREW COVER REWORK	EA	\$ 481.50	5203092085N	GEAR 10:1 MACROY D - N/A Must purchase Drive	EA	\$ 445.50
62013	DIAPHRAGM CAP 40 316SS 3A PUMP	EA	\$ 1,342.50	5203093085N	GEAR 20:1 MACROY D - N/A Must purchase Drive	EA	\$ 445.50
62014	LE ADAPTOR, SD7/8, 3A PUMP	EA	\$ 2,640.00	5203094085N	GEAR 40:1 MACROY D - N/A Must purchase Drive	EA	\$ 226.50
62019	BALL GUIDE 5/8 WITH 1" T/C	EA	\$ 2,064.00	H60767	SIDE COVER GB	EA	\$ 582.00
62020	SEAT 5/8 BALL WITH 1" T/C	EA	\$ 652.50	H60768	ADJUST SCREW GB	EA	\$ 169.50
62021	LIQUID END SD 7/8 3-A	EA	\$ 3,696.00	RPM019	ROUTINE MAINT KIT GB40 POLYPRO	EA	\$ 901.50
70003	MOLDED CONNECTING ROD DMR PART-N/A	EA	\$ 141.00	RPM020	ROUTINE MAINT KIT GB60 POLYPRO	EA	\$ 1,783.50
70022	G KNOB STICKER(SEE69004)	EA	Obsolete	RPM021	ROUTINE MAINT KIT GB80 POLYPRO	EA	\$ 1,840.50
70066	STROKE ADJUST KNOB GB	EA	\$ 72.00	RPM022	ROUTINE MAINT KIT GB40 PVC	EA	\$ 798.00
70067	VENT W/DIP STICK	EA	\$ 87.00	RPM023	ROUTINE MAINT KIT GB60 PVC	EA	\$ 1,362.00
40215010	VALVE CLAMP 304SS	EA	\$ 469.50	RPM024	ROUTINE MAINT KIT GB80 PVC	EA	\$ 1,671.00
210696016	VAL BODY & GUIDE (REWORK)	EA	\$ 547.50	RPM025	ROUTINE MAINT KIT GB40 PVDF	EA	\$ 1,146.00
210696071	CARTRIDGE BODY DOUBLE B40 PVC	EA	\$ 327.00	RPM026	ROUTINE MAINT KIT GB60 PVDF	EA	\$ 1,959.00
210760016	HEAD 316 GB40	EA	Obsolete	RPM027	ROUTINE MAINT KIT GB80 PVDF	EA	\$ 3,547.50
210761016	HEAD 316 GB60	EA	Obsolete	RPM028	ROUTINE MAINT KIT GB40 G5 316	EA	\$ 2,310.00
240137016	SEAT,1" BALL, 316SS	EA	\$ 1,236.00	RPM029	ROUTINE MAINT KIT GB60 316SS	EA	\$ 1,183.50
440090078	POPPET, PVDF	EA	\$ 199.50	RPM030	ROUTINE MAINT KIT GB80 316SS	EA	\$ 1,840.50
450128116	CHECK VALVE BODY 1"NPT 316	EA	\$ 309.00	RPM045	RPM KIT G5 SG5 PP/PVC/ACRYLIC	EA	\$ 601.50
450420016	COUPLING 1 BSP X 1/2 BSP 316	EA	\$ 297.00	RPM046	RPM KIT G5 SG5 PVDF	EA	\$ 582.00
800123026	SPRING, HASTELLOY C	EA	\$ 82.50	RPM047	RPM KIT G5 SG5 316SS	EA	\$ 1,776.00
920064071	BALL STOP B40 PVC	EA	\$ 186.00	RPM048	RPM KIT G6 SG6 PP/PVC/ACRYLIC	EA	\$ 751.50
980358062	SUPPORT NUT D82 LE 40	EA	\$ 148.50	RPM049	RPM KIT G6 SG6 PVDF	EA	\$ 1,228.50
980366071	D.D. INTER RING PVC GB40	EA	\$ 562.50	RPM050	RPM KIT G6 SG6 316SS	EA	\$ 705.00
980367071	D.D. SPACER PVC GB40	EA	\$ 562.50	RPM051	RPM KIT G7 SG7 PP/PVC/ACRYLIC	EA	\$ 789.00
980368071	D.D. INTER RING PVC GB60	EA	\$ 3,210.00	RPM052	RPM KIT G7 SG7 PVDF	EA	\$ 1,282.50
980369071	D.D. SPACER PVC GB60	EA	\$ 2,763.00	RPM053	RPM KIT G7 SG7 316SS	EA	\$ 1,126.50
2240173078	SEAT 5/8 PVDF	EA	\$ 49.50	RPM099	RPM KIT D2/SD2 PVC / PVDF	EA	\$ 1,156.50
2530040602	STROKE SCALE	EA	\$ 18.90	RPM101	RPM KIT D2/SD2 316SS	EA	\$ 1,078.50
3050583022	CHECK VALVE D25 ASSY 316SS	EA	\$ 862.50	RPM102	RPM KIT D4/SD4 PVC / PVDF	EA	\$ 444.00
3050629007	COMP BODY/SEAT/ORING/BALL	EA	\$ 747.00	RPM104	RPM KIT D4/SD4 316SS	EA	\$ 586.50
3050629008	CHECK VALVE D25 ASSY PVDF	EA	\$ 708.00	RPM105	RPM KIT D8/SD8 PVC	EA	\$ 451.50
3050629009	COMP BODY/SEAT/ORING/BALL	EA	\$ 1,152.00	RPM106	RPM KIT D8/SD8 PVDF	EA	\$ 445.50
3050629500	SEAT, BALL, SEAL KIT - G6/7	EA	\$ 355.50	RPM107	RPM KIT D8/SD8 316SS	EA	\$ 1,542.00
3050629700	SEAT, O-RING, BALL D25 PVDF	EA	\$ 1,461.00	RPM126	RPM KIT G5 SG5 POLYMER CHKVLVS	EA	\$ 1,201.50
3050870007	CHK VALVE DN 15 PVC	EA	\$ 348.00	RPM134	RPM KIT G51X0002	EA	\$ 1,518.00
3050870008	CHECK VALVE D15.9 ASSY PVDF	EA	\$ 379.50	RPM135	RPM KIT D7/SD7 PVC	EA	\$ 451.50
3050876602	SS CHK VALV USE IN HSE COMPON	EA	\$ 801.00	RPM136	RPM KIT D7/SD7 PVDF	EA	\$ 498.00
3050879500	SEAT, BALL & O-RING KIT GB	EA	\$ 238.50	RPM137	RPM KIT D7/SD7 316SS	EA	\$ 1,542.00
3050879700	SEAT, O-RING, BALL D15.9 PVDF	EA	\$ 259.50	RPM161	RPM KIT D2/SD2 PVC / PVDF D.D.	EA	\$ 1,548.00
3050976090	DIAPHRAGM ASSY GB60 POLYPRO	EA	\$ 775.50	RPM162	RPM KIT D2/SD2 316SS D.D.	EA	\$ 1,467.00
3050976110	DIAPHRAGM ASSY G5 POLYPRO	EA	\$ 775.50	RPM163	RPM KIT D4/SD4 PVC / PVDF D.D.	EA	\$ 612.00
3050976120	DIAPHRAGM ASSY GB40 316	EA	\$ 901.50	RPM164	RPM KIT D4/SD4 316SS D.D.	EA	\$ 766.50
3050976130	DIAPHRAGM ASSY GB40 PVDF	EA	\$ 993.00	RPM173	RPM KIT D4 H2SO4 NPT CONN	EA	\$ 1,012.50
3050976230	DIAPHRAGM ASSY GB60 PVDF	EA	\$ 894.00	RPM174	RPM KIT D4 H2SO4 TUBING CONN	EA	\$ 1,018.50
3050976320	DIAPHRAGM ASSY GB60 316	EA	\$ 1,008.00	RPM175	RPM KIT G5 D7 SG5 SD7 H2SO4	EA	\$ 894.00
4040009012	FLAT WASHER 3/8 Z PLT	EA	\$ 13.50	RPM176	RPM KIT G6 SG6 POLYMER CHKVLVS	EA	\$ 1,783.50
4040107231	TRUARC RET RING 5160-66 - N/A	EA	\$ 12.00	RPM178	ROUTINE MAINT KIT SD71X0001	EA	\$ 2,479.50
4050018119	HEX HD SCR 3/8-16X1 GR5 ULTRA	EA	\$ 15.45	RPM183	RPM KIT D8 H2SO4	EA	\$ 922.50
4070014172	BALL 5/8 316SS	EA	\$ 61.50	RPM185	RPM KIT FD7 SEAT,BALL,GASKET	EA	\$ 1,015.50
4070014173	BALL 5/8 CA20	EA	\$ 153.00	RPM194	RPM KIT G6 SG6 H2SO4	EA	\$ 3,961.50
4070014233	BALL 1" CA20	EA	\$ 393.00	RPM196	RPM KIT SD4 & SD2 POLYMER	EA	\$ 1,557.00
4070152010	GEAR OIL EP-95, QUART CAN	QT	\$ 30.90	RPM203	RPM KIT G7 H2SO4	EA	\$ 3,379.50
4070324030	SD GEAR OIL	QT	\$ 73.50	RPM210	RPM KIT D8/SD8 POLYMER	EA	\$ 783.00
4080068135	O-RING 2-123 VITON A	EA	\$ 18.60	RPM211	RPM KIT D7/SD7 POLYMER	EA	\$ 1,033.50
4080095371	O-RING PARKER 2-246 BUNA N	EA	\$ 18.60	RPM212	RPM KIT D4/SD4 SLURRY	EA	\$ 1,408.50
4090116040	BEARING CONE - TIMKEN LM11949	EA	\$ 48.00	RPM219	RPM KIT G6 SG6 316SS SLURRY	EA	\$ 1,224.00
4090116050	BEARING CUP - TIMKEN LM11910	EA	\$ 25.35	RPM220	RPM KIT G7 SG7 316SS SLURRY	EA	\$ 1,351.50
4099994000	BEARING SINGLE ROW SKF# 6303 - N/A	EA	\$ 234.00	RPM221	RPM KIT G7 SG7 POLYMER CHKVLVS	EA	\$ 2,553.00
4320236038	UNION NUT 1/2" PVC	EA	\$ 33.15	SG0654	CONNECTING ROD GB	EA	\$ 489.00
4320236058	UNION NUT 1" PVC	EA	\$ 42.45				
4320350008	UNION END METRIC SOC 25X32PVC	EA	\$ 29.10				
4320350028	UNION END METRIC SOC 15X20PVC	EA	\$ 18.90				
4340009002	SPRING LOCKWASHER 8MM SS	EA	\$ 12.00				
4340009095	SPRING LOCKWASHER 12MM 18-8SS	EA	\$ 12.00				
4340055073	FLAT WASHER M12 REG 304SS	EA	\$ 12.00				
4350000042	HEX NUT M8 CLASS 8 STAINLESS S	EA	\$ 12.00				
4350001622	HEX HD SCR M8X 16MM LG Z PL	EA	\$ 12.00				
4350001655	HEX HD SCR M8-1.25X110 304SS	EA	\$ 15.45				
4350001732	HEX HD SCR M10 X 25MM STL	EA	\$ 12.00				
4350003473	SOC HD SCR M8 X 25MM ZINC PLT	EA	\$ 12.00				

SECTION III
CONTROLLERS
&
ACCESSORIES

Controllers



CONTROLLERS

Conductivity

88

Conductivity

Liquitron™ DC4000 Series					Price
DC4000	Microprocessor-Based, Cooling Tower/boiler conductivity controller with four [4] programmable inhibitor feed options, 4-20 mA (non-isolated) recorder output. 0 - 20,000 µS/cm control range.				\$ 885
	Voltage	Voltage	Frequency	Plug	
	01	115VAC	50-60 HZ	No power cord, PG-9 connectors	\$ -
	02	230VAC	50-60 HZ	No power cord, PG-9 connectors	\$ -
	03	115VAC	50-60 HZ	No power cord, 1/2" NPT Plugs	\$ -
	04	230VAC	50-60 HZ	No power cord, 1/2" NPT plugs	\$ -
	1	115 VAC*	50-60 HZ	USA Plug	\$ -
	2	230 VAC*	50-60 HZ	USA Plug	\$ -
	3	220-240 VAC*	50-60 HZ	DIN Plug	\$ -
	5	240-250 VAC*	50-60 HZ	UK Plug	\$ -
	6	240-250 VAC*	50-60 HZ	AUST/NZ Plug	\$ -
	Probe and Manifold				
	0	No Probe/Manifold			\$ -
	1	Cooling Tower Carbon Probe and 3/4" Fslip Sch 80 PVC Tee with 10 ft (3m) Cable Assembly (Manifold # 34758)			\$ 284
	2	Cooling Tower Carbon Probe and Manifold Assembly with Flow Switch, Sample Valve and 10ft (3m) Cable Assembly (Manifold # 34752)			\$ 507
	3	Boiler Probe Assembly with 1" Cross and 1/2" Conduit Tee (Manifold # 34761)			\$ 408
DC4000 -	01 -	0			

NOTES:

*+ All options listed with a part number above are available for purchase separately. The price listed with the accessory is the price if purchased separately.

* 115VAC Units are provided with one 6 ft. (2m) grounded power cord and plug, and two [2] 1 ft. (30 cm) output power cords with grounded receptacles for controlled devices.

230VAC Units are provided with 6 ft. (2m) grounded power cords and plug, and throughput connectors for hardwire connection of controlled devices.

A CE approved controller must be requested by adding the prefix "CE". Example: CE-DC4000-X.

For support:



CONTROLLERS

Conductivity

89

Conductivity

Liquitron™ DC4500 Series							Price	
DC4500	Microprocessor-Based, Cooling Tower conductivity controller with dual biocide, adjustable lockout timer, prebleed, four [4] programmable inhibitor feed options, and 4-20 mA (non-isolated) recorder output. 0 - 20,000 μS /cm control range.						\$ 1,217	
	Power Supply		Voltage					
	1	115 VAC				\$ -		
	2	220 - 250 VAC				\$ -		
		Voltage	Description	Frequency	Plug			
		0	PG-9 Connectors	50-60 HZ	No Power Cord	\$ -		
		1	115 VAC*	50-60 HZ	USA Plug	\$ -		
		2	230 VAC*	50-60 HZ	USA Plug	\$ -		
		3	220-240 VAC*	50-60 HZ	DIN Plug	\$ -		
		5	240-250 VAC*	50-60 HZ	UK Plug	\$ -		
		6	240-250 VAC*	50-60 HZ	AUST/NZ Plug	\$ -		
		Pump Control Wiring						
		0	No Pump Output Power Cables (Pump Hardwired)				\$ -	
		1	Three (3) Pump Output Power Cables (115VAC receptacles)				\$ -	
		2	Three (3) Pump Signal Cables (Four [4] Conductor with 4-pin Connector)				\$ -	
		3	Three (3) Pump Signal Cables (Five [5] Conductor with 5-pin Connector)				\$ -	
			Probe and Manifold					
			0	No Probe/Manifold				\$ -
			1	Cooling Tower Carbon Probe and 3/4" Fslip Sch 80 PVC Tee with 10 ft (3m) Cable Assembly (Manifold # 34758)				\$ 284
			2	Cooling Tower Carbon Probe and Manifold Assembly with Flow Switch, Sample Valve and 10ft (3m) Cable Assembly (Manifold # 34752)				\$ 507
			3	Cooling Tower Carbon Probe and Manifold Assembly with Flow Switch, Sample Valve and 10ft (3m) Cable Assembly (Manifold # 35657) – Includes ¾" FNPT Connections				\$ 508
DC4500 -	1	0	0	A -	0			

NOTES:

*+ All options listed with a part number above are available for purchase separately. The price listed with the accessory is the price if purchased separately.

* 115VAC Units are provided with one 6 ft. (2m) grounded power cord and plug, and four [4] 1 ft. (30 cm) output power cords with grounded receptacles for controlled devices.

230VAC Units are provided with 6 ft. (2m) grounded power cords and plug, and throughput connectors for hardwire connection of controlled devices.

For support:



CONTROLLERS**Conductivity**

90

Conductivity Controller - Accessories			
DC4500 Part No.	DC4000 Part No.	Description	Price
35659	35659	Carbon Probe & 3/4" NPT Sch 80 PVC Tee	\$ 278
34758	34758	Carbon Probe & 3/4" Fslip Sch 80 PVC Tee	\$ 284
35657	35657	Carbon Probe & Manifold Assembly, NPT	\$ 508
34752	34752	Carbon Probe & Manifold Assembly	\$ 507
34659	34659	Carbon Probe & Cable	\$ 247
32623	32623	Carbon Probe with Tee & 4-Pin Connector	\$ 351
34565	34565	Flow Switch Assembly with 3/4" Fslip Sch 80 PVC Tee	\$ 194
48088	48088	Flow Switch Assembly with 3/4" Fslip Sch 80 PVC Tee w/	\$ 209
36130	36130	Flow Switch Assembly with 3/4" NPT Sch 80 PVC Tee	\$ 194
36131	36131	Flow Switch Assembly, Threaded	\$ 194
37505	37505	Float Assembly (Techtron)	\$ 50
37586	37586	Tee, Flow Switch Assembly NPT	\$ 56
35674	35674	Tee, Flow Switch Assembly	\$ 19
34572	34572	Flow Switch & 3/4" Fslip	\$ 302
34746	34746	Sample Valve with 3/4" Fslip Sch 80 PVC Tee (Horizontal	\$ 56
34747	34747	Sample Valve with 3/4" Fslip Sch 80 PVC Tee (Vertical	\$ 159
34749	34749	Union Kit, PVC (Union & 2 Sleeves)	\$ 27
37535-20	37535-20	20 FT Extension Cable Assembly, Carbon Probe	\$ 101
37535-50	37535-50	50 FT Extension Cable Assembly, Carbon Probe	\$ 168
37535-100	37535-100	100 FT Extension Cable Assembly, Carbon Probe	\$ 269
-	34761	Boiler Probe Assembly with 1" Cross & 1/2" Conduit	\$ 408

Replacement Parts for Controller Accessories			
DC4500 Part No.	DC4000 Part No.	Description	Price
32829	32829	Clamp, Pipe	\$ 12
32838	32838	Pin, Retaining for Tee	\$ 14
34541	34541	Standoff, Pipe	\$ 8
32383	32383	Tee for 32776 Carbon Probe	\$ 65
35660	35660	Tee Assembly, 3/4" NPT PVC (for carbon probe)	\$ 81
34668	34668	Tee Assembly, 3/4" Fslip PVC (for carbon probe)	\$ 77
-	34759	Boiler Probe	\$ 281
-	34760	Cross, 1"	\$ 90
-	34796	Conduit Box Assembly	\$ 56
-	35058	Nipple, 1/2" Conduit	\$ 6
-	35059	Fitting, 1/2" Conduit	\$ 21
37435	37435	O-Ring, Union	\$ 25
35666	35666	Sample Valve Tee Assembly, 3/4" NPT Vertical	\$ 59

CONTROLLERS

Conductivity

91

DC4000 - Boiler Accessories		
DC4000 Part Number	Description	Price
35201	Flow Control Valve 1/2" - 800 psi	\$ 1,232
35202	Flow Control Valve 3/4" - 800 psi	\$ 1,473
35206	Orifice Union	Obsolete
35207	Orifice Union w/Plates (no holes)	\$ 247
35208	Orifice Union w/Plates (pre-drilled)	\$ 286
35210	Orifice Plates (no holes)	Obsolete
35211	Orifice Plates (pre-drilled)	\$ 125
35213	Worcester 10-36 Actuator	Obsolete
35216	Worcester 10-36 Actuator with 1/2" valve	Obsolete
35217	Worcester 10-36 Actuator with 3/4" valve	Obsolete
35218	Worcester 10-75 Actuator with 1/2" valve	Obsolete
35219	Worcester 10-75 Actuator with 3/4" valve	Obsolete

Conductivity Controller - Spare Parts				
DC5500 Part No.	DC4500 Part No.	DC4000 Part No.	Description	Price
25930	25930	25930	Cap, 4-Pin Jack, Yellow	\$ 4
25957-1	25957-1	25957-1	Cord Clamp	\$ 9
25990	25990	25990	Connector Assembly	\$ 14
36810	36810	36810	Dowel	\$ 3
30588	30588	30588	Label, Outside Junction Panel (LMI)	\$ 5
30749	30749	30749	Power Cord, 115V - '1' Cord	\$ 57
30752	30752	30752	Power Cord, 230V - '3' Cord, DIN	\$ 33
30754	30754	30754	Power Cord, 230V - '6' Cord, AUST	\$ 35
31571	31571	31571	Clamp, Cord (PG-9)	\$ 8
31617	31617	31617	Cover	\$ 34
32094	32094	32094	Label, Housing Cover (water drop)	\$ 10
32186	32186	32186	Screw, 4-40 x .37	\$ 3
32187	32187	32187	Nut, 4-40 Flush	\$ 3
32209	32209	32209	Latch	\$ 11
32211	32211	32211	Cap, .125 x .38	\$ 4
32352	32352	32352	O-Ring, Sponge	\$ 6
32395	32395	32395	Screw	\$ 4
33566	33566	33566	Solder Lug Terminal	\$ 5
34074	34074	34074	Gasket, Foam	\$ 5
34088	34088	34088	Cover Utility Box	\$ 21
-	-	36525	Front Panel Assembly	\$ 721
34716	34716	34716	Standoff	\$ 8
34735	34735	34735	Ground Wire Assembly	\$ 6
-	-	34710	I/O Board Assembly	\$ 420
-	-	34675	Housing, U.S.A.	\$ 102
-	-	34931	Label, External Plugs	\$ 10
35712	35712	35712	Fuse, 4A, Time Delay	\$ 7

pH / ORP

Liquitron™ DP5000 & DR5000 Series					Price	
DP5000	Microprocessor-Based, pH controller, wall mount, on/off or proportional pump control, limit timers, hi/low alarm, low level and flow switch inputs, custom backlit LCD display.				\$ 1,872	
DR5000	Microprocessor-based ORP controller, wall mount, on/off or proportional pump control, limit timers, hi/low alarm, low level and flow switch inputs, custom backlit LCD display.				\$ 1,872	
	Voltage		Frequency	Plug		
	1	115 VAC*	50/60 Hz	USA Plug	\$ -	
	2	230 VAC*	50/60 Hz	USA Plug	\$ -	
	3	220-240 VAC*	50/60 Hz	DIN Plug	\$ -	
	5	240-250 VAC*	50/60 Hz	UK Plug	\$ -	
	6	240-250 VAC*	50/60 Hz	AUST/NZ Plug	\$ -	
		Pump Control				
		A	On/Off Output			\$ -
		B	Proportional Output (non-Roytronic pumps)			\$ -
		C	Proportional Output (for Roytronic Series pumps)			\$ -
			Recorder Output			
			0	No Probe/Manifold		\$ -
			1	4-20 mA Recorder Output (isolated) (replacement part 37830 - see note below)		\$ 400
DP5000 -	1	A -	0			

To complete your DP5000 or DR5000 installation, select either:

1. Submersible probe and cable assembly, or
2. In-line probe, cable assembly, and tee assembly.

See the following page for more details

NOTES:

*+ All options listed with a part number above are available for purchase separately. The price listed with the accessory is the price if purchased separately.

* 115VAC & 220 VAC Proportional Units are provided with one[1] 6 ft. (2m) grounded power cord and plug, and two [2] 10 ft. (3 cm) output cables for direct connections to LMI Series "7" and "9" pumps.

115VAC On/Off Units are provided with one 6 ft. (2m) grounded power cord and plug, and two [2] 1 ft (30cm) output power cords with grounded receptacles for pumps.

230VAC Units are provided with 6 ft. (2m) grounded power cords and plug, and throughput connectors for hardwire connection of controlled devices.

For DR Controller support:



For DP Controller support:



To complete your DP5000 or DR5000 installation, select either

- 1) submersible probe and cable assembly or
- 2) in-line probe, cable assembly and tee assembly.

CONTROLLERS pH and ORP

93

pH / ORP Controller - Accessories			
DP5000 Part No.	DR5000 Part No.	Description	Price
32820	-	Flat Surface Combination [pH] Electrode, In-Line PVC Body	\$ 436
-	33369	Flat Surface Combination [ORP] Electrode, In-Line PVC Body	\$ 524
32821	-	Flat Surface Combination [pH] Electrode, Submersible PVC Body	\$ 436
32822	-	Cable Assembly with Temperature Compensation for In-Line Mounting (compatible with Electrode)	\$ 1,854
32823	-	Cable Assembly with Temperature Compensation for Submersible Mounting	\$ 500
32824	-	Cable Assembly with Temperature Compensation for In-Line Mounting (compatible with Electrode)	\$ 661
33370	33370	Cable Assembly, Non-Temperature Compensated, install kit with a 3/4" NPT PVC "T" for In-Line	\$ 267
33371	33371	Cable Assembly, Non-Temperature Compensated, install kit with a 3/4" NPT CPVC "T" for In-Line	\$ 394
33372	33372	Cable Assembly, Non-Temperature Compensated, for Submersible Mounting (Compatible with Electrode)	\$ 211
34495	-	Cable Assembly with Temperature Compensation for In-Line Mounting (Compatible with Electrode)	\$ 625
34624	34624	Tee Assembly, without TC (F Slip) (Compatible with 32820 electrode [pH] or 33369 electrode [ORP])	\$ 87
34625	-	Tee Assembly, with TC (Compatible with 32820 electrode [pH only])	\$ 78
34665	34665	Tee Assembly, without TC (Compatible with 32819 electrode [pH])	\$ 61
34666	-	Tee Assembly, with TC (Compatible with 32819 electrode [pH only])	\$ 66
35662	-	Tee Assembly, pH with TC, 3/4" NPT	Obsolete
33217	33217	Pre-Amp, pH / ORP	\$ 416
33286-25	33286-25	25' Cable Assembly (only), for Pre-Amp to Controller	\$ 152
33286-50	33286-50	50' Cable Assembly (only), for Pre-Amp to Controller	\$ 215
33286-100	33286-100	100' Cable Assembly (only), for Pre-Amp to Controller	\$ 331
37830	37830	4-20 mA Circuit Board Assembly	\$ 342
34565	34565	Flow Switch Assembly with 3/4" Fslip Sch 80 TVC Tee	\$ 194
36130	36130	Flow Switch Assembly with 3/4" NPT Sch 80 PVC Tee	\$ 194
34561	34561	Switch Assembly	\$ 122
37505	37505	Float Assembly (Techtron)	\$ 50
37586	37586	Tee, Flow Switch Assembly NPT	\$ 56
34746	34746	Sample Valve with 3/4" Fslip Sch 80 TVC Tee (Horizontal Mounting)	\$ 56
34747	34747	Sample Valve with 3/4" Fslip Sch 80 TVC Tee (Vertical Mounting)	\$ 159
34749	34749	Union Kit, PVC (Union & Two [2] Sleeves)	\$ 27
34751	34751	pH/ORP Manifold Assembly (Compatible with 32820 electrode [pH] or 33369 [ORP])	\$ 331

CONTROLLERS pH and ORP

94

pH / ORP Controller - Spare Parts			
DP5000 Part No.	DR5000 Part No.	Description	Price
25957-1	25957-1	Cord Clamp	\$ 9.00
28898	28898	Dowel	\$ 4.00
30588	30588	Label	\$ 5.00
30749	30749	Power Cord, 115V - '1' Cord	\$ 57.00
30752	30752	Power Cord, 230V - '3' Cord	\$ 33.00
30754	30754	Power Cord, 230V - '6' Cord	\$ 35.00
31571	31571	Clamp, Cord (PG-9)	\$ 8.00
31576	31576	Standoff	\$ 4.00
32094	32094	Label	\$ 10.00
32186	32186	Screw, 4-40 x .37	\$ 3.00
32187	32187	Nut, 4-40 Flush	\$ 3.00
32209	32209	Latch	\$ 11.00
32211	32211	Cap, .125 x .38	\$ 4.00
32352	32352	O-Ring, Sponge	\$ 6.00
32395	32395	Screw	\$ 4.00
33636	33636	4-Pin Cable Assembly	\$ 39.00
34074	34074	Gasket, Foam	\$ 5.00
34092	-	Switch, Membrane	\$ 110.00
-	34642	Switch, Membrane	\$ 314.00
37524	-	Front Panel Assembly	\$ 1,030.00
-	37526	Front Panel Assembly	\$ 1,304.00
34200	34200	PCB Assembly	\$ 1,030.00
34270	34270	I/O Board Assembly	\$ 486.00
34329	34329	BNC Cable Assembly	\$ 81.00
34330	34330	Ribbon Cable Assembly	\$ 41.00
34691	34691	Housing	\$ 103.00
34716	34716	Standoff	\$ 8.00
34930	34930	Label, Terminal Cover	\$ 11.00
37435	37435	O-Ring, Union	\$ 25.00

Controllers
Flow Switch Time Switch

95

Flow Switch & Time Switch

Liquitron™ FS5000 Series Flow Switch		Price
FS5000	Flow Switch Controller for use in applications that require flow/no flow control of metering pumps or other devices. Includes flow switch with 3/4" FSLIP fittings, three (3) 115 VAC receptacles on with flow, one (1) 115 VAC service receptacle, and 0.75 GPM flow activation. Power indicator light, flow indicator light and test switch included.	\$ 636

Liquitron™ FS5000 Series Flow Switch		Price
33424	This compact digital time switch is capable of operating two pumps or one pump and one valve for simultaneous operation of feed and bleed. It provides precise timing with the flexibility of daily and/or weekly programming. Simple and fast setting by means of push buttons and display prompts.	\$ 847

LMI® is a brand of Ingersoll Rand®.



LMI® is a registered trademark of Milton Roy, LLC.
LIQUIFRAM™ is a trademark of Milton Roy, LLC.
AUTOPRIME™ is a trademark of Milton Roy, LLC.
PRO PAC™ is a trademark of Milton Roy, LLC.
FASTPRIME™ is a trademark of Milton Roy, LLC.
ROYTRONIC® is a registered trademark of Milton Roy, LLC.
MICROPACE™ is a trademark of Milton Roy, LLC.
© 2001, 2018 Milton Roy, LLC.
info@lmipumps.com
www.lmipumps.com

