



2021 Price List

March 2021
1024.M v1
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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 liquid ends
5. Liquefied 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	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

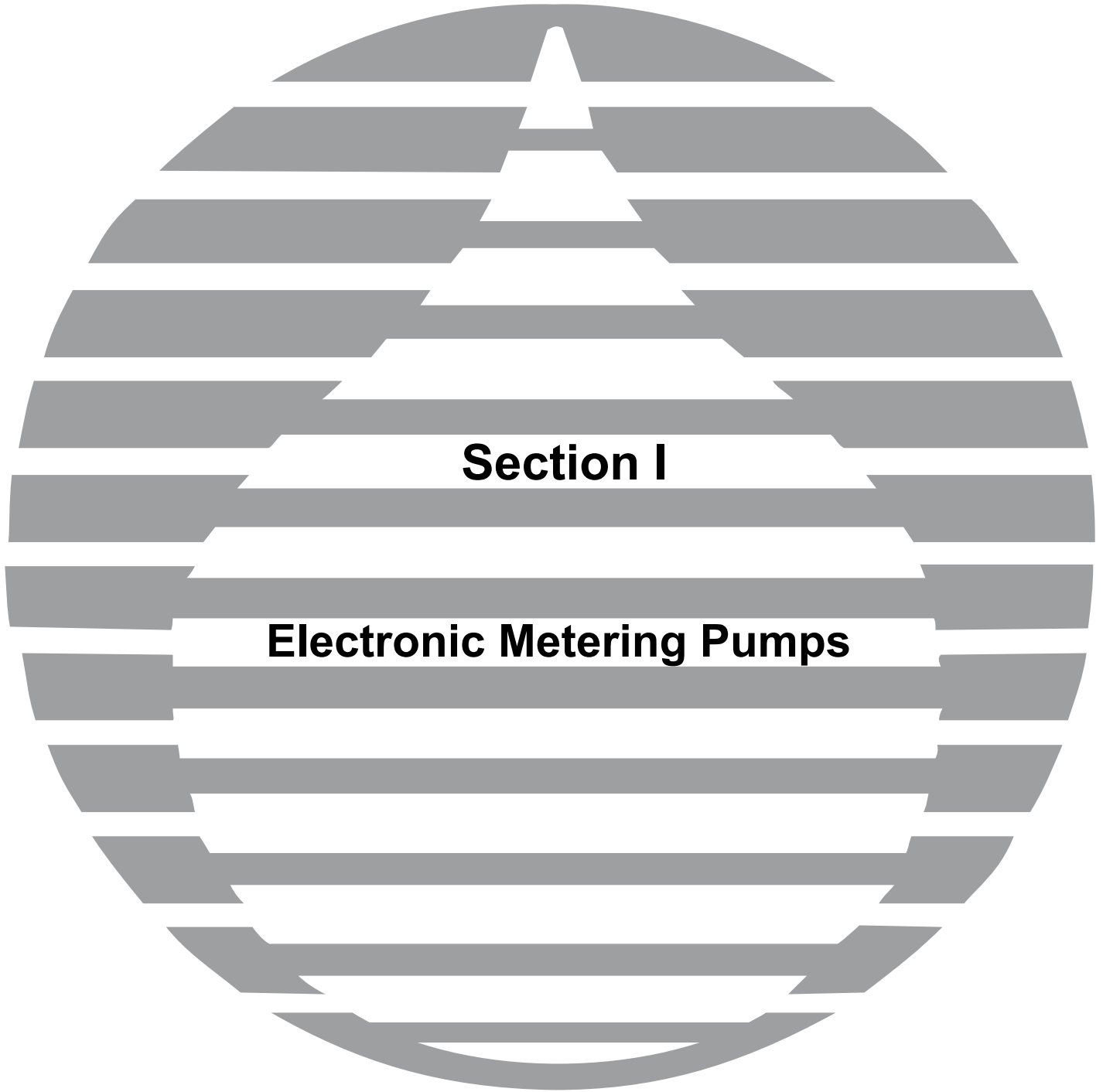
B - Use with caution

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

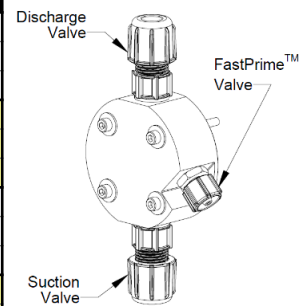
- **Off-gassing Fluids (such as Sodium Hypochlorite)** - Each pump series that offers special designs for these fluids has a separate selection table at the end of the pricing section (reference AUTOPRIME™ Liquid Ends). Pumps designed to handle these fluids are specially designed to automatically bleed 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



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



For support:



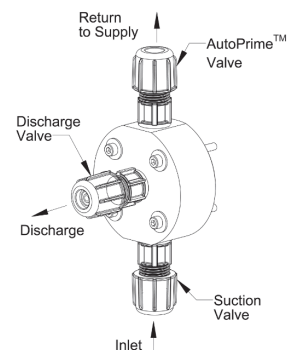
FastPrime™ Has an integral manual priming valve to facilitate quick pump start-up.

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		

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:						PD7 units include:
Tube Connection Hardware	Quick Start Guide	Suction/Discharge & Bleed Tubing	Injection Check Valve	Foot Valve	Ceramic Weight	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

OUTPUT CODE 1

160 SPM Max.

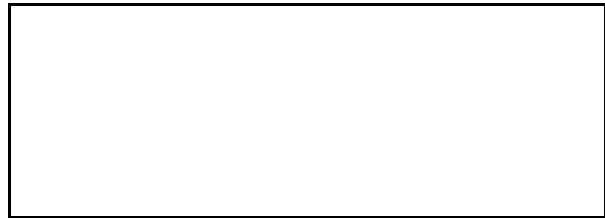
Size Code 0

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

PDx1								Price	
Drive End									
Control									
PD01 Manual Control								\$ 321	
PD71 Enhanced control with Pulse Input, Remote Stop/Start, and Tank Level Input								\$ 545	
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		Pump Price	
FastPrime™ Machined									
907NP	316SS	316SS	316SS	316SS / PTFE	1/4" NPT	RPM-907		\$ 555	
PD01	1	-907NP							

Pump Price
PD01 PD71
876 1100

RPM Kit	Price	Contents
RPM-907	\$ 265	*Liquifram *Shaft Seal *Suction Check Valve *Discharge Check Valve



SERIES PD METERING PUMP SELECTION AND PRICING

OUTPUT CODE 4

160 SPM Max.

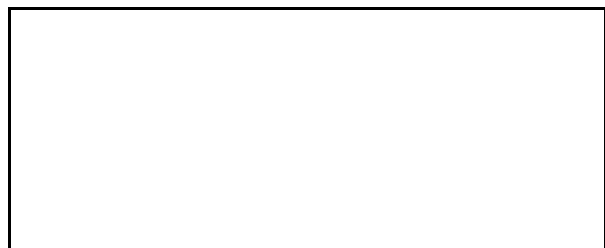
Size Code 2

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										\$	321		
PD74 Enhanced control with Pulse Input, Remote Stop/Start, and Tank Level Input										\$	545		
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	\$	290	611	835		
822SI	PVDF	PVDF	Ceramic	FV	PE 1/4" O.D.	Polyprel®	RPM-822	\$	369	690	914		
823NI	PVDF	PVDF	Ceramic	-	PE 1/4" O.D.	PTFE	RPM-823	\$	334	655	879		
823SI	PVDF	PVDF	Ceramic	FV	PE 1/4" O.D.	PTFE	RPM-823	\$	413	734	958		
828NI	PVC	PVC	Ceramic	-	PE 1/4" O.D.	Polyprel®	RPM-822	\$	245	566	790		
828SI	PVC	PVC	Ceramic	FV	PE 1/4" O.D.	Polyprel®	RPM-822	\$	324	645	869		
FastPrime™ Machined													
925NI	PP	PP	Ceramic	-	PE 1/4" O.D.	PTFE	RPM-823	\$	363	684	908		
925SI	PP	PP	Ceramic	FV	PE 1/4" O.D.	PTFE	RPM-823	\$	442	763	987		
927NP	316SS	316SS	316SS	-	1/4" NPT	316SS / PTFE	RPM-927	\$	568	889	1113		
928NI	PVC	PVC	Ceramic	-	PE 1/4" O.D.	Polyprel®	RPM-822	\$	353	674	898		
928SI	PVC	PVC	Ceramic	FV	PE 1/4" O.D.	Polyprel®	RPM-822	\$	432	753	977		
929NI	Acrylic	PVDF	PTFE	-	PE 1/4" O.D.	Polyprel®	RPM-929	\$	372	693	917		
929SI	Acrylic	PVDF	PTFE	FV	PE 1/4" O.D.	Polyprel®	RPM-929	\$	451	772	996		
920NI	Acrylic	PVC	Ceramic	-	PE 1/4" O.D.	Polyprel®	RPM-822	\$	360	681	905		
920SI	Acrylic	PVC	Ceramic	FV	PE 1/4" O.D.	Polyprel®	RPM-822	\$	439	760	984		
AutoPrime™ De-gas													
A28AI	PVC	PVC	Ceramic	-	PE 1/4" O.D.	PTFE / Polyprel®	RPM-A20A	\$	421	742	966		
A28HI	PVC	PVC	Ceramic	FV	PE 1/4" O.D.	PTFE / Polyprel®	RPM-A20A	\$	530	851	1075		
A20AI	Acrylic	PVC	Ceramic	-	PE 1/4" O.D.	PTFE / Polyprel®	RPM-A20A	\$	428	749	973		
A20HI	Acrylic	PVC	Ceramic	FV	PE 1/4" O.D.	PTFE / Polyprel®	RPM-A20A	\$	537	858	1082		
PD04	1	- 822NI											

RPM Kit	Price	Contents
FastPrime™		
RPM-822	\$ 143	*O Rings
RPM-823	\$ 163	*Shaft Seal
RPM-927	\$ 275	*Liquifram
RPM-929	\$ 143	*Check Valve Cartridges
AutoPrime™ De-gas		
RPM-A20A	\$ 173	*Injection Valve Cartridge *FastPrime or AutoPrime Cartridge



SERIES PD METERING PUMP SELECTION AND PRICING

OUTPUT CODE 5

160 SPM Max.

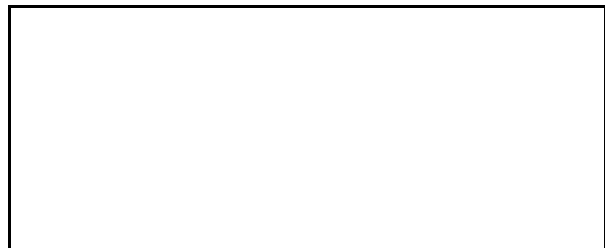
Size Code 3

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										\$	321	
PD75 Enhanced control with Pulse Input, Remote Stop/Start, and Tank Level Input										\$	545	
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	\$	290	611	835	
832SI	PVDF	PVDF	Ceramic	FV	PE 3/8" O.D.	Polyprel®	RPM-832	\$	369	690	914	
833NI	PVDF	PVDF	Ceramic	-	PE 3/8" O.D.	PTFE	RPM-833	\$	334	655	879	
833SI	PVDF	PVDF	Ceramic	FV	PE 3/8" O.D.	PTFE	RPM-833	\$	413	734	958	
838NI	PVC	PVC	Ceramic	-	PE 3/8" O.D.	Polyprel®	RPM-832	\$	245	566	790	
838SI	PVC	PVC	Ceramic	FV	PE 3/8" O.D.	Polyprel®	RPM-832	\$	324	645	869	
FastPrime™ Machined												
935NI	PP	PP	Ceramic	-	PE 3/8" O.D.	PTFE	RPM-833	\$	363	684	908	
935SI	PP	PP	Ceramic	FV	PE 3/8" O.D.	PTFE	RPM-833	\$	442	763	987	
937NP	316SS	316SS	316SS		1/4" NPT	316SS / PTFE	RPM-937	\$	568	889	1113	
938NI	PVC	PVC	Ceramic	-	PE 3/8" O.D.	Polyprel®	RPM-832	\$	353	674	898	
938SI	PVC	PVC	Ceramic	FV	PE 3/8" O.D.	Polyprel®	RPM-832	\$	432	753	977	
939NI	Acrylic	PVDF	PTFE	-	PE 3/8" O.D.	Polyprel®	RPM-939	\$	372	693	917	
939SI	Acrylic	PVDF	PTFE	FV	PE 3/8" O.D.	Polyprel®	RPM-939	\$	451	772	996	
930NI	Acrylic	PVC	Ceramic	-	PE 3/8" O.D.	Polyprel®	RPM-832	\$	360	681	905	
930SI	Acrylic	PVC	Ceramic	FV	PE 3/8" O.D.	Polyprel®	RPM-832	\$	439	760	984	
AutoPrime™ De-gas												
A38AI	PVC	PVC	Ceramic	-	PE 3/8" O.D.	PTFE / Polyprel®	RPM-A30A	\$	421	742	966	
A38HI	PVC	PVC	Ceramic	FV	PE 3/8" O.D.	PTFE / Polyprel®	RPM-A30A	\$	530	851	1075	
A30AI	Acrylic	PVC	Ceramic	-	PE 3/8" O.D.	PTFE / Polyprel®	RPM-A30A	\$	428	749	973	
A30HI	Acrylic	PVC	Ceramic	FV	PE 3/8" O.D.	PTFE / Polyprel®	RPM-A30A	\$	537	858	1082	
PD05	1	- 832NI										

RPM Kit	Price	Contents
FastPrime™		
RPM-832	\$ 148	*O Rings
RPM-833	\$ 173	*Shaft Seal
RPM-937	\$ 286	*Liquifram
RPM-939	\$ 148	*Check Valve Cartridges
AutoPrime™		
RPM-A30A	\$ 184	*Injection Valve Cartridge *FastPrime or AutoPrime Cartridge



SERIES PD METERING PUMP SELECTION AND PRICING

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									\$ 321			
PD76 Enhanced control with Pulse Input, Remote Stop/Start, and Tank Level Input									\$ 545			
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	\$ 290	611	835		
842SI	PVDF	PVDF	Ceramic	FV	PE 3/8" O.D.	Polyprel®	RPM-842	\$ 369	690	914		
843NI	PVDF	PVDF	Ceramic	-	PE 3/8" O.D.	PTFE	RPM-843	\$ 334	655	879		
843SI	PVDF	PVDF	Ceramic	FV	PE 3/8" O.D.	PTFE	RPM-843	\$ 413	734	958		
848NI	PVC	PVC	Ceramic	-	PE 3/8" O.D.	Polyprel®	RPM-842	\$ 245	566	790		
848SI	PVC	PVC	Ceramic	FV	PE 3/8" O.D.	Polyprel®	RPM-842	\$ 324	645	869		
FastPrime™ Machined												
945NI	PP	PP	Ceramic	-	PE 3/8" O.D.	PTFE	RPM-843	\$ 363	684	908		
945SI	PP	PP	Ceramic	FV	PE 3/8" O.D.	PTFE	RPM-843	\$ 442	763	987		
947NP	316SS	316SS	316SS	-	1/4" NPT	316SS / PTFE	RPM-947	\$ 568	889	1113		
948NI	PVC	PVC	Ceramic	-	PE 3/8" O.D.	Polyprel®	RPM-842	\$ 353	674	898		
948SI	PVC	PVC	Ceramic	FV	PE 3/8" O.D.	Polyprel®	RPM-842	\$ 432	753	977		
949NI	Acrylic	PVDF	PTFE	-	PE 3/8" O.D.	Polyprel®	RPM-949	\$ 372	693	917		
949SI	Acrylic	PVDF	PTFE	FV	PE 3/8" O.D.	Polyprel®	RPM-949	\$ 451	772	996		
940NI	Acrylic	PVC	Ceramic	-	PE 3/8" O.D.	Polyprel®	RPM-842	\$ 360	681	905		
940SI	Acrylic	PVC	Ceramic	FV	PE 3/8" O.D.	Polyprel®	RPM-842	\$ 439	760	984		
AutoPrime™ De-gas												
A48AI	PVC	PVC	Ceramic	-	PE 3/8" O.D.	PTFE / Polyprel®	RPM-A40A	\$ 421	742	966		
A48HI	PVC	PVC	Ceramic	FV	PE 3/8" O.D.	PTFE / Polyprel®	RPM-A40A	\$ 530	851	1075		
A40AI	Acrylic	PVC	Ceramic	-	PE 3/8" O.D.	PTFE / Polyprel®	RPM-A40A	\$ 428	749	973		
A40HI	Acrylic	PVC	Ceramic	FV	PE 3/8" O.D.	PTFE / Polyprel®	RPM-A40A	\$ 537	858	1082		
PD06	1	- 842NI										

RPM Kit	Price	Contents
FastPrime™		
RPM-842	\$ 153	*O Rings
RPM-843	\$ 184	*Shaft Seal
RPM-947	\$ 296	*Liquifram
RPM-949	\$ 153	*Check Valve Cartridges
AutoPrime™ De-gas		
RPM-A40A	\$ 194	*Injection Valve Cartridge *FastPrime or AutoPrime Cartridge



EXCEL™ AD METERING PUMPS



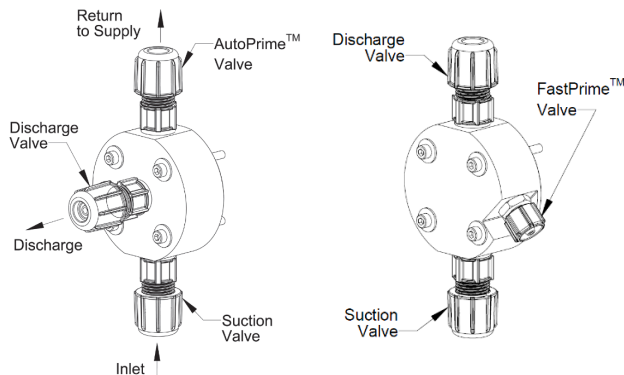
For support:



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			✓



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.



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

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

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)

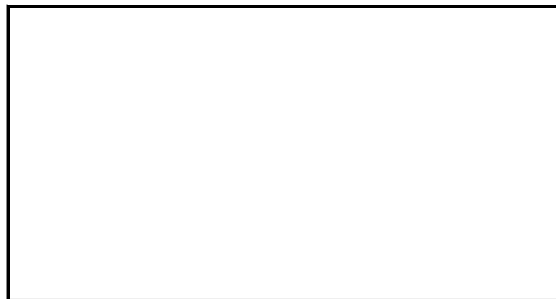
ADx1

Drive End	Price
Control	
AD21 Dual Manual Control (dual power supply)	\$ 708
AD81 Pulse/Analog Input w/ Dual Manual Control (universal power supply)	\$ 915
AD91 Pulse/Analog Input w/ Dual Manual Control - Advanced Features (universal power supply)	\$ 1,157

Power Code	Voltage	Frequency	Plug	Price
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	\$ 347	1055	1262	1504
910SI	Acrylic	PVC	Ceramic	FV	PE ¼" O.D.	PTFE/Polyprel®	RPM-812	\$ 426	1134	1341	1583
915NI	PP	PP	Ceramic	-	PE ¼" O.D.	PTFE	RPM-813	\$ 350	1058	1265	1507
915SI	PP	PP	Ceramic	FV	PE ¼" O.D.	PTFE	RPM-813	\$ 429	1137	1344	1586
918NI	PVC	PVC	Ceramic	-	PE ¼" O.D.	PTFE/Polyprel®	RPM-812	\$ 340	1048	1255	1497
918SI	PVC	PVC	Ceramic	FV	PE ¼" O.D.	PTFE/Polyprel®	RPM-812	\$ 419	1127	1334	1576
919NI	Acrylic	PVDF	PTFE	-	PE ¼" O.D.	Polyprel®	RPM-919	\$ 359	1067	1274	1516
919SI	Acrylic	PVDF	PTFE	FV	PE ¼" O.D.	Polyprel®	RPM-919	\$ 438	1146	1353	1595
917NP	316SS	316SS	316SS	-	¼" NPT	316SS/PTFE	RPM-917	\$ 555	1263	1470	1712
FastPrime™ Molded											
812NI	PVDF	PVDF	Ceramic	-	PE ¼" O.D.	PTFE/Polyprel®	RPM-812	\$ 277	985	1192	1434
812SI	PVDF	PVDF	Ceramic	FV	PE ¼" O.D.	PTFE/Polyprel®	RPM-812	\$ 356	1064	1271	1513
813NI	PVDF	PVDF	Ceramic	-	PE ¼" O.D.	PTFE	RPM-813	\$ 321	1029	1236	1478
813SI	PVDF	PVDF	Ceramic	FV	PE ¼" O.D.	PTFE	RPM-813	\$ 400	1108	1315	1557
818NI	PVC	PVC	Ceramic	-	PE ¼" O.D.	PTFE/Polyprel®	RPM-812	\$ 232	940	1147	1389
818SI	PVC	PVC	Ceramic	FV	PE ¼" O.D.	PTFE/Polyprel®	RPM-812	\$ 311	1019	1226	1468
AutoPrime™ De-gas											
A10AI	Acrylic	PVC	Ceramic	-	PE ¼" O.D.	PTFE/Polyprel®	RPM-A10A	\$ 415	1123	1330	1572
A10HI	Acrylic	PVC	Ceramic	FV	PE ¼" O.D.	PTFE/Polyprel®	RPM-A10A	\$ 524	1232	1439	1681
A18AI	PVC	PVC	Ceramic	-	PE ¼" O.D.	PTFE/Polyprel®	RPM-A10A	\$ 408	1116	1323	1565
A18HI	PVC	PVC	Ceramic	FV	PE ¼" O.D.	PTFE/Polyprel®	RPM-A10A	\$ 517	1225	1432	1674
AD21	1	-910NI									

RPM Kit	Price	Contents
FastPrime™		
RPM-812	\$ 138	
RPM-813	\$ 153	*O Rings
RPM-919	\$ 138	*Shaft Seal
RPM-917	\$ 265	*Liquifram
RPM-812	\$ 138	*Check Valve Cartridges
RPM-813	\$ 153	*Injection Valve Cartridge
AutoPrime™ De-gas		
RPM-A10A	\$ 163	*FastPrime or AutoPrime Cartridge



EXCEL AD METERING PUMP SELECTION AND PRICING

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)									\$ 708			
AD84 Pulse/Analog Input w/ Dual Manual Control (universal power supply)									\$ 915			
AD94 Pulse/Analog Input w/ Dual Manual Control - Advanced Features (universal power supply)									\$ 1,157			
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	Pump Price			
FastPrime™ Machined												
920NI	Acrylic	PVC	Ceramic	-	PE ¼" O.D.		PTFE/Polyprel®	RPM-822	\$ 360	1068	1275	1517
920SI	Acrylic	PVC	Ceramic	FV	PE ¼" O.D.		PTFE/Polyprel®	RPM-822	\$ 439	1147	1354	1596
925NI	PP	PP	Ceramic	-	PE ¼" O.D.		PTFE	RPM-823	\$ 363	1071	1278	1520
925SI	PP	PP	Ceramic	FV	PE ¼" O.D.		PTFE	RPM-823	\$ 442	1150	1357	1599
928NI	PVC	PVC	Ceramic	-	PE ¼" O.D.		PTFE/Polyprel®	RPM-822	\$ 353	1061	1268	1510
928SI	PVC	PVC	Ceramic	FV	PE ¼" O.D.		PTFE/Polyprel®	RPM-822	\$ 432	1140	1347	1589
929NI	Acrylic	PVDF	PTFE	-	PE ¼" O.D.		Polyprel®	RPM-929	\$ 372	1080	1287	1529
929SI	Acrylic	PVDF	PTFE	FV	PE ¼" O.D.		Polyprel®	RPM-929	\$ 451	1159	1366	1608
927NP	316SS	316SS	316SS	-	¼" NPT		316SS/PTFE	RPM-927	\$ 568	1276	1483	1725
FastPrime™ Molded												
822NI	PVDF	PVDF	Ceramic	-	PE ¼" O.D.		PTFE/Polyprel®	RPM-822	\$ 290	998	1205	1447
822SI	PVDF	PVDF	Ceramic	FV	PE ¼" O.D.		PTFE/Polyprel®	RPM-822	\$ 369	1077	1284	1526
823NI	PVDF	PVDF	Ceramic	-	PE ¼" O.D.		PTFE	RPM-823	\$ 334	1042	1249	1491
823SI	PVDF	PVDF	Ceramic	FV	PE ¼" O.D.		PTFE	RPM-823	\$ 413	1121	1328	1570
828NI	PVC	PVC	Ceramic	-	PE ¼" O.D.		PTFE/Polyprel®	RPM-822	\$ 245	953	1160	1402
828SI	PVC	PVC	Ceramic	FV	PE ¼" O.D.		PTFE/Polyprel®	RPM-822	\$ 324	1032	1239	1481
AutoPrime™ De-gas												
A20AI	Acrylic	PVC	Ceramic	-	PE ¼" O.D.		PTFE/Polyprel®	RPM-A20A	\$ 428	1136	1343	1585
A20HI	Acrylic	PVC	Ceramic	FV	PE ¼" O.D.		PTFE/Polyprel®	RPM-A20A	\$ 537	1245	1452	1694
A28AI	PVC	PVC	Ceramic	-	PE ¼" O.D.		PTFE/Polyprel®	RPM-A20A	\$ 421	1129	1336	1578
A28HI	PVC	PVC	Ceramic	FV	PE ¼" O.D.		PTFE/Polyprel®	RPM-A20A	\$ 530	1238	1445	1687
High Viscosity												
624VI	PP	PP	316SS	-	PE ½" OD / Vinyl 0.938" OD		PTFE	RPM-624	\$ 440	1148	1355	1597
624PI	PP	PP	316SS	-	PE ½" OD / Vinyl 0.938" OD		PTFE	RPM-624	\$ 467	1175	1382	1624
626VI	Acrylic	PP	316SS	-	PE ½" OD / Vinyl 0.938" OD		PTFE	RPM-626	\$ 437	1145	1352	1594
AD21	1	-920NI										

RPM Kit	Price	Contents
FastPrime™		
RPM-822	\$ 143	*O Rings
RPM-823	\$ 163	*Shaft Seal
RPM-929	\$ 143	*Liquifram
RPM-927	\$ 275	*Check Valve Cartridges
AutoPrime™ De-gas		
RPM-A20A	\$ 173	*Injection Valve Cartridge
High Viscosity		
RPM-624	\$ 133	*Clamp Rings *Liquifram
RPM-626	\$ 133	*Seal Ring Seats *Balls, Springs
		*Shaft Seal



EXCEL AD METERING PUMP SELECTION AND PRICING

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)									\$ 707				
AD85 Pulse/Analog Input w/ Dual Manual Control (universal power supply)									\$ 914				
AD95 Pulse/Analog Input w/ Dual Manual Control - Advanced Features (universal power supply)									\$ 1,156				
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	Pump Price				
FastPrime™ Machined													
930NI	Acrylic	PVC	Ceramic	-	PE 3/8" O.D.		PTFE/Polyprel®	RPM-832	\$ 360	1067	1274	1516	
930SI	Acrylic	PVC	Ceramic	FV	PE 3/8" O.D.		PTFE/Polyprel®	RPM-832	\$ 439	1146	1353	1595	
935NI	PP	PP	Ceramic	-	PE 3/8" O.D.		PTFE	RPM-833	\$ 363	1070	1277	1519	
935SI	PP	PP	Ceramic	FV	PE 3/8" O.D.		PTFE	RPM-833	\$ 442	1149	1356	1598	
938NI	PVC	PVC	Ceramic	-	PE 3/8" O.D.		PTFE/Polyprel®	RPM-832	\$ 353	1060	1267	1509	
938SI	PVC	PVC	Ceramic	FV	PE 3/8" O.D.		PTFE/Polyprel®	RPM-832	\$ 432	1139	1346	1588	
939NI	Acrylic	PVDF	PTFE	-	PE 3/8" O.D.		Polyprel®	RPM-939	\$ 372	1079	1286	1528	
939SI	Acrylic	PVDF	PTFE	FV	PE 3/8" O.D.		Polyprel®	RPM-939	\$ 451	1158	1365	1607	
937NP	316SS	316SS	316SS	-	1/4" NPT		316SS/PTFE	RPM-937	\$ 568	1275	1482	1724	
FastPrime™ Molded													
832NI	PVDF	PVDF	Ceramic	-	PE 3/8" O.D.		PTFE/Polyprel®	RPM-832	\$ 290	997	1204	1446	
832SI	PVDF	PVDF	Ceramic	FV	PE 3/8" O.D.		PTFE/Polyprel®	RPM-832	\$ 369	1076	1283	1525	
833NI	PVDF	PVDF	Ceramic	-	PE 3/8" O.D.		PTFE	RPM-833	\$ 334	1041	1248	1490	
833SI	PVDF	PVDF	Ceramic	FV	PE 3/8" O.D.		PTFE	RPM-833	\$ 413	1120	1327	1569	
838NI	PVC	PVC	Ceramic	-	PE 3/8" O.D.		PTFE/Polyprel®	RPM-832	\$ 245	952	1159	1401	
838SI	PVC	PVC	Ceramic	FV	PE 3/8" O.D.		PTFE/Polyprel®	RPM-832	\$ 324	1031	1238	1480	
AutoPrime™ De-gas													
A30AI	Acrylic	PVC	Ceramic	-	PE 3/8" O.D.		PTFE/Polyprel®	RPM-A30A	\$ 428	1135	1342	1584	
A30HI	Acrylic	PVC	Ceramic	FV	PE 3/8" O.D.		PTFE/Polyprel®	RPM-A30A	\$ 537	1244	1451	1693	
A38AI	PVC	PVC	Ceramic	-	PE 3/8" O.D.		PTFE/Polyprel®	RPM-A30A	\$ 421	1128	1335	1577	
A38HI	PVC	PVC	Ceramic	FV	PE 3/8" O.D.		PTFE/Polyprel®	RPM-A30A	\$ 530	1237	1444	1686	
High Viscosity													
634VI	PP	PP	316SS	-	PE 1/2" OD / Vinyl 0.938" OD		PTFE	RPM-634	\$ 440	1147	1354	1596	
634PI	PP	PP	316SS	-	PE 1/2" OD / Vinyl 0.938" OD		PTFE	RPM-634	\$ 467	1174	1381	1623	
636VI	Acrylic	PP	316SS	-	PE 1/2" OD / Vinyl 0.938" OD		PTFE	RPM-636	\$ 437	1144	1351	1593	
AD21	1	-930NI											

RPM Kit	Price	Contents
FastPrime™		
RPM-832	\$ 148	*O Rings
RPM-833	\$ 173	*Shaft Seal
RPM-939	\$ 148	*Liquifram
RPM-937	\$ 286	*Check Valve Cartridges
AutoPrime™ De-gas		
RPM-A30A	\$ 184	*Injection Valve Cartridge
High Viscosity		
RPM-634	\$ 143	*Clamp Rings *Liquifram
RPM-636	\$ 143	*Seal Ring Seats *Balls, Springs
		*Shaft Seal



EXCEL AD METERING PUMP SELECTION AND PRICING

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)									\$ 745		
AD86 Pulse/Analog Input w/ Dual Manual Control (universal power supply)									\$ 952		
AD96 Pulse/Analog Input w/ Dual Manual Control - Advanced Features (universal power supply)									\$ 1,194		
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	Pump Price		
FastPrime™ Machined											
940NI	Acrylic	PVC	Ceramic	-	PE 3/8" O.D.	PTFE/Polyprel®	RPM-842	\$ 360	1105	1312	1554
940SI	Acrylic	PVC	Ceramic	FV	PE 3/8" O.D.	PTFE/Polyprel®	RPM-842	\$ 439	1184	1391	1633
945NI	PP	PP	Ceramic	-	PE 3/8" O.D.	PTFE	RPM-843	\$ 363	1108	1315	1557
945SI	PP	PP	Ceramic	FV	PE 3/8" O.D.	PTFE	RPM-843	\$ 442	1187	1394	1636
948NI	PVC	PVC	Ceramic	-	PE 3/8" O.D.	PTFE/Polyprel®	RPM-842	\$ 353	1098	1305	1547
948SI	PVC	PVC	Ceramic	FV	PE 3/8" O.D.	PTFE/Polyprel®	RPM-842	\$ 432	1177	1384	1626
949NI	Acrylic	PVDF	PTFE	-	PE 3/8" O.D.	Polyprel®	RPM-939	\$ 372	1117	1324	1566
949SI	Acrylic	PVDF	PTFE	FV	PE 3/8" O.D.	Polyprel®	RPM-939	\$ 451	1196	1403	1645
947NP	316SS	316SS	316SS	-	1/4" NPT	316SS/PTFE	RPM-947	\$ 568	1313	1520	1762
FastPrime™ Molded											
842NI	PVDF	PVDF	Ceramic	-	PE 3/8" O.D.	PTFE/Polyprel®	RPM-842	\$ 290	1035	1242	1484
842SI	PVDF	PVDF	Ceramic	FV	PE 3/8" O.D.	PTFE/Polyprel®	RPM-842	\$ 369	1114	1321	1563
843NI	PVDF	PVDF	Ceramic	-	PE 3/8" O.D.	PTFE	RPM-843	\$ 334	1079	1286	1528
843SI	PVDF	PVDF	Ceramic	FV	PE 3/8" O.D.	PTFE	RPM-843	\$ 413	1158	1365	1607
848NI	PVC	PVC	Ceramic	-	PE 3/8" O.D.	PTFE/Polyprel®	RPM-842	\$ 245	990	1197	1439
848SI	PVC	PVC	Ceramic	FV	PE 3/8" O.D.	PTFE/Polyprel®	RPM-842	\$ 324	1069	1276	1518
AutoPrime™ De-gas											
A40AI	Acrylic	PVC	Ceramic	-	PE 3/8" O.D.	PTFE/Polyprel®	RPM-A40A	\$ 428	1173	1380	1622
A40HI	Acrylic	PVC	Ceramic	FV	PE 3/8" O.D.	PTFE/Polyprel®	RPM-A40A	\$ 537	1282	1489	1731
A48AI	PVC	PVC	Ceramic	-	PE 3/8" O.D.	PTFE/Polyprel®	RPM-A40A	\$ 421	1166	1373	1615
A48HI	PVC	PVC	Ceramic	FV	PE 3/8" O.D.	PTFE/Polyprel®	RPM-A40A	\$ 530	1275	1482	1724
High Viscosity											
644VI	PP	PP	316SS	-	PE 1/2" OD / Vinyl 0.938" OD	PTFE	RPM-644	\$ 440	1185	1392	1634
644PI	PP	PP	316SS	-	PE 1/2" OD / Vinyl 0.938" OD	PTFE	RPM-644	\$ 467	1212	1419	1661
646VI	Acrylic	PP	316SS	-	PE 1/2" OD / Vinyl 0.938" OD	PTFE	RPM-646	\$ 437	1182	1389	1631
AD21	1	- 940NI									

RPM Kit	Price	Contents
FastPrime™		
RPM-842	\$ 153	*O Rings
RPM-843	\$ 184	*Shaft Seal
RPM-949	\$ 153	*Liquifram
RPM-947	\$ 296	*Check Valve Cartridges
AutoPrime™ De-gas		
RPM-A40A	\$ 194	*Injection Valve Cartridge
High Viscosity		
RPM-644	\$ 153	*Clamp Rings *Liquifram
RPM-646	\$ 153	*Seal Ring Seats *Balls, Springs
		*Shaft Seal



SERIES B METERING PUMPS



For support:



Output Code	Max Output		Max Pressure	
	GPH	LPH	PSI	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

Control Codes

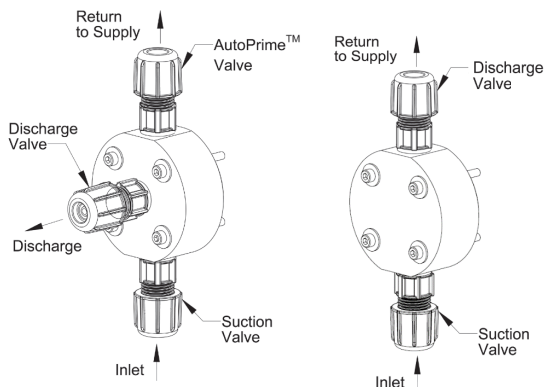
Key Features	B1	B7	B9
Stroke length manually adjustable	✓	✓	✓
Stroke frequency manually adjustable	✓	✓	✓
External control via pulse input		✓	✓
Manual/External mode selection		✓	✓
LCD and 4-key tactile keypad			✓
External control via 4-20mA			✓
Divide/Multiply incoming pulses			✓
Flow monitoring with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



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:	
						Certain B7 units include:	

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

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								\$	935			
B71	Pulse Input w/ Dual Manual Control								\$	1,051			
B91	Pulse/Analog Input w/ Dual Manual Control - Advanced Features								\$	1,417			
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				
Liquipro™ Molded									B11	B71	B91		
392NI	PVDF	PVDF	Ceramic	-	PE 3/8" O.D.	PVDF / Polyprel®	RPM-392/398	\$	299	1234	1350	1716	
392SI	PVDF	PVDF	Ceramic	FV	PE 3/8" O.D.	PVDF / Polyprel®	RPM-392/398	\$	378	1313	1429	1795	
393NI	PVDF	PVDF	Ceramic	-	PE 3/8" O.D.	PVDF / PTFE	RPM-393	\$	343	1278	1394	1760	
393SI	PVDF	PVDF	Ceramic	FV	PE 3/8" O.D.	PVDF / PTFE	RPM-393	\$	422	1357	1473	1839	
398NI	PVC	PVC	Ceramic	-	PE 3/8" O.D.	PVDF / Polyprel®	RPM-392/398	\$	252	1187	1303	1669	
398SI	PVC	PVC	Ceramic	FV	PE 3/8" O.D.	PVDF / Polyprel®	RPM-392/398	\$	331	1266	1382	1748	
Liquipro™ Machined													
490NI	Acrylic	PVC	Ceramic	-	PE 3/8" O.D.	PVDF / Polyprel®	RPM-392/398	\$	369	1304	1420	1786	
490SI	Acrylic	PVC	Ceramic	FV	PE 3/8" O.D.	PVDF / Polyprel®	RPM-392/398	\$	448	1383	1499	1865	
495NI	PP	PP	Ceramic	-	PE 3/8" O.D.	PTFE	RPM-495	\$	372	1307	1423	1789	
495SI	PP	PP	Ceramic	FV	PE 3/8" O.D.	PTFE	RPM-495	\$	451	1386	1502	1868	
498NI	PVC	PVC	Ceramic	-	PE 3/8" O.D.	PVDF / Polyprel®	RPM-392/398	\$	362	1297	1413	1779	
498SI	PVC	PVC	Ceramic	FV	PE 3/8" O.D.	PVDF / Polyprel®	RPM-392/398	\$	441	1376	1492	1858	
499NI	Acrylic	PVDF	PTFE	-	PE 3/8" O.D.	PVDF / Polyprel®	RPM-490F	\$	383	1318	1434	1800	
499SI	Acrylic	PVDF	PTFE	FV	PE 3/8" O.D.	PVDF / Polyprel®	RPM-490F	\$	462	1397	1513	1879	
Legacy LMI													
85HV	PP	PP	316SS	-	PE 1/2" OD / Vinyl 0.938" OD	PTFE	SP-85HV	\$	464	1399	1515	1881	
86HV	Acrylic	PP	316SS	-	PE 1/2" OD / Vinyl 0.938" OD	FKM	SP-86	\$	464	1399	1515	1881	
297	316SS	316SS	316SS	-	Pipe 1/4" NPT M	316SS	-	\$	582	1517	1633	1999	
Liquipro™ De-gas													
D90AI	Acrylic	PVC	Ceramic	-	PE 3/8" O.D.	Polyprel®	RPM-D98	\$	439	1374	1490	1856	
D90HI	Acrylic	PVC	Ceramic	FV	PE 3/8" O.D.	Polyprel®	RPM-D98	\$	548	1483	1599	1965	
D98AI	PVC	PVC	Ceramic	-	PE 3/8" O.D.	Polyprel®	RPM-D98	\$	432	1367	1483	1849	
D98HI	PVC	PVC	Ceramic	FV	PE 3/8" O.D.	Polyprel®	RPM-D98	\$	541	1476	1592	1958	
B11	1	- 392NI											

RPM Kit	Price	Contents	
Liquipro™			
RPM-392/398	\$ 143	*O-Rings	*Hardware kit
RPM-393	\$ 163	*Shaft Seal	*Liquifram
RPM-495	\$ 148	*Check Valve	*Injection Valve
RPM-490F	\$ 148	Cartridges	Cartridge
LMI			
SP-85HV	\$ 163	*Shaft Seal	*Liquifram
SP-86	\$ 153	*Seal Ring Seats	*Clamp rings
Liquipro™ De-gas			
RPM-D98	\$ 173	*O Rings	*Check Valve Cartridges
		*Shaft Seal	*Injection Valve Cartridge
		*Liquifram	*AutoPrime Cartridge



**SERIES B
PUMP SELECTION AND PRICING**

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								\$	935			
B72	Pulse Input w/ Dual Manual Control								\$	1,051			
B92	Pulse/Analog Input w/ Dual Manual Control - Advanced Features								\$	1,417			
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 3/8" O.D.	PVDF / Polyprel®	RPM-392/398	\$	299	1234	1350	1716	
392SI	PVDF	PVDF	Ceramic	FV	PE 3/8" O.D.	PVDF / Polyprel®	RPM-392/398	\$	378	1313	1429	1795	
393NI	PVDF	PVDF	Ceramic	-	PE 3/8" O.D.	PVDF / PTFE	RPM-393	\$	343	1278	1394	1760	
393SI	PVDF	PVDF	Ceramic	FV	PE 3/8" O.D.	PVDF / PTFE	RPM-393	\$	422	1357	1473	1839	
398NI	PVC	PVC	Ceramic	-	PE 3/8" O.D.	PVDF / Polyprel®	RPM-392/398	\$	252	1187	1303	1669	
398SI	PVC	PVC	Ceramic	FV	PE 3/8" O.D.	PVDF / Polyprel®	RPM-392/398	\$	331	1266	1382	1748	
Liquipro™ Machined													
490NI	Acrylic	PVC	Ceramic	-	PE 3/8" O.D.	PVDF / Polyprel®	RPM-392/398	\$	369	1304	1420	1786	
490SI	Acrylic	PVC	Ceramic	FV	PE 3/8" O.D.	PVDF / Polyprel®	RPM-392/398	\$	448	1383	1499	1865	
495NI	PP	PP	Ceramic	-	PE 3/8" O.D.	PTFE	RPM-495	\$	372	1307	1423	1789	
495SI	PP	PP	Ceramic	FV	PE 3/8" O.D.	PTFE	RPM-495	\$	451	1386	1502	1868	
498NI	PVC	PVC	Ceramic	-	PE 3/8" O.D.	PVDF / Polyprel®	RPM-392/398	\$	362	1297	1413	1779	
498SI	PVC	PVC	Ceramic	FV	PE 3/8" O.D.	PVDF / Polyprel®	RPM-392/398	\$	441	1376	1492	1858	
499NI	Acrylic	PVDF	PTFE	-	PE 3/8" O.D.	PVDF / Polyprel®	RPM-490F	\$	383	1318	1434	1800	
499SI	Acrylic	PVDF	PTFE	FV	PE 3/8" O.D.	PVDF / Polyprel®	RPM-490F	\$	462	1397	1513	1879	
Legacy LMI													
85HV	PP	PP	316SS	-	PE 1/2" OD / Vinyl 0.938" OD	PTFE	SP-85HV	\$	464	1399	1515	1881	
86HV	Acrylic	PP	316SS	-	PE 1/2" OD / Vinyl 0.938" OD	FKM	SP-86	\$	464	1399	1515	1881	
297	316SS	316SS	316SS	-	Pipe 1/4 NPT M	316SS	-	\$	582	1517	1633	1999	
Liquipro™ De-gas													
D90AI	Acrylic	PVC	Ceramic	-	PE 3/8" O.D.	Polyprel®	RPM-D98	\$	439	1374	1490	1856	
D90HI	Acrylic	PVC	Ceramic	FV	PE 3/8" O.D.	Polyprel®	RPM-D98	\$	548	1483	1599	1965	
D98AI	PVC	PVC	Ceramic	-	PE 3/8" O.D.	Polyprel®	RPM-D98	\$	432	1367	1483	1849	
D98HI	PVC	PVC	Ceramic	FV	PE 3/8" O.D.	Polyprel®	RPM-D98	\$	541	1476	1592	1958	
B11	1	- 392NI											

RPM Kit	Price	Contents	
Liquipro™			
RPM-392/398	\$ 143	*O-Rings	*Hardware kit
RPM-393	\$ 163	*Shaft Seal	*Liquifram
RPM-495	\$ 148	*Check Valve	*Injection Valve
RPM-490F	\$ 148	Cartridges	Cartridge
LMI			
SP-85HV	\$ 163	*Shaft Seal	*Liquifram
SP-86	\$ 153	*Seal Ring Seats	*Clamp rings
		*Balls & springs	
Liquipro™ De-gas			
RPM-D98	\$ 173	*O Rings	*Check Valve Cartridges
		*Shaft Seal	*Injection Valve Cartridge
		*Liquifram	*AutoPrime Cartridge



SERIES B PUMP SELECTION AND PRICING

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							\$ 935			
B73		Pulse Input w/ Dual Manual Control							\$ 1,051			
B93		Pulse/Analog Input w/ Dual Manual Control - Advanced Features							\$ 1,417			
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 3/8" O.D.	PVDF / Polyprel®	RPM-362/368	\$ 299			
362SI		PVDF	PVDF	Ceramic	FV	PE 3/8" O.D.	PVDF / Polyprel®	RPM-362/368	\$ 378			
363NI		PVDF	PVDF	Ceramic	-	PE 3/8" O.D.	PVDF / PTFE	RPM-363	\$ 343			
363SI		PVDF	PVDF	Ceramic	FV	PE 3/8" O.D.	PVDF / PTFE	RPM-363	\$ 422			
368NI		PVC	PVC	Ceramic	-	PE 3/8" O.D.	PVDF / Polyprel®	RPM-362/368	\$ 252			
368SI		PVC	PVC	Ceramic	FV	PE 3/8" O.D.	PVDF / Polyprel®	RPM-362/368	\$ 331			
Liquipro™ Machined												
460NI		Acrylic	PVC	Ceramic	-	PE 3/8" O.D.	PVDF / Polyprel®	RPM-362/368	\$ 369			
460SI		Acrylic	PVC	Ceramic	FV	PE 3/8" O.D.	PVDF / Polyprel®	RPM-362/368	\$ 448			
465NI		PP	PP	Ceramic	-	PE 3/8" O.D.	PTFE	RPM-465	\$ 372			
465SI		PP	PP	Ceramic	FV	PE 3/8" O.D.	PTFE	RPM-465	\$ 451			
468NI		PVC	PVC	Ceramic	-	PE 3/8" O.D.	PVDF / Polyprel®	RPM-362/368	\$ 362			
468SI		PVC	PVC	Ceramic	FV	PE 3/8" O.D.	PVDF / Polyprel®	RPM-362/368	\$ 441			
469NI		Acrylic	PVDF	PTFE	-	PE 3/8" O.D.	PVDF / Polyprel®	RPM-460F	\$ 383			
469SI		Acrylic	PVDF	PTFE	FV	PE 3/8" O.D.	PVDF / Polyprel®	RPM-460F	\$ 462			
Legacy LMI												
75HV		PP	PP	316SS	-	PE 1/2" OD / Vinyl 0.938" OD	PTFE	SP-75HV	\$ 464			
76HV		Acrylic	PP	316SS	-	PE 1/2" OD / Vinyl 0.938" OD	FKM	SP-76	\$ 464			
277		316SS	316SS	316SS	-	Pipe 1/4 NPT M	316SS	-	\$ 582			
Liquipro™ De-gas												
D60AI		Acrylic	PVC	Ceramic	-	PE 3/8" O.D.	Polyprel®	RPM-D68	\$ 439			
D60HI		Acrylic	PVC	Ceramic	FV	PE 3/8" O.D.	Polyprel®	RPM-D68	\$ 548			
D68AI		PVC	PVC	Ceramic	-	PE 3/8" O.D.	Polyprel®	RPM-D68	\$ 432			
D68HI		PVC	PVC	Ceramic	FV	PE 3/8" O.D.	Polyprel®	RPM-D68	\$ 541			
B13		1	- 362NI									

RPM Kit	Price	Contents	
Liquipro™			
RPM-362/368	\$ 148	*O-Rings	*Hardware kit
RPM-363	\$ 173	*Shaft Seal	*Liquifram
RPM-465	\$ 158	*Check Valve	*Injection Valve
RPM-460F	\$ 158	Cartridges	Cartridge
LMI			
SP-75HV	\$ 163	*Shaft Seal	*Liquifram
SP-76	\$ 153	*Seal Ring Seats	*Clamp rings
Liquipro™ De-gas			
RPM-D68	\$ 184	*O Rings	*Check Valve Cartridges
		*Shaft Seal	*Injection Valve Cartridge
		*Liquifram	*AutoPrime Cartridge



SERIES B PUMP SELECTION AND PRICING

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								\$	999			
B74 Pulse Input w/ Dual Manual Control								\$	1,115			
B94 Pulse/Analog Input w/ Dual Manual Control - Advanced Features								\$	1,481			
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				
Liquipro™ Molded												
312NI	PVDF	PVDF	Ceramic	-	PE ½" O.D.	PVDF / Polyprel®	RPM-312/318	\$	417	1416	1532	1898
312SI	PVDF	PVDF	Ceramic	FV	PE ½" O.D.	PVDF / Polyprel®	RPM-312/318	\$	496	1495	1611	1977
313NI	PVDF	PVDF	Ceramic	-	PE ½" O.D.	PVDF / PTFE	RPM-313	\$	461	1460	1576	1942
313SI	PVDF	PVDF	Ceramic	FV	PE ½" O.D.	PVDF / PTFE	RPM-313	\$	540	1539	1655	2021
318NI	PVC	PVC	Ceramic	-	PE ½" O.D.	PVDF / Polyprel®	RPM-312/318	\$	370	1369	1485	1851
318SI	PVC	PVC	Ceramic	FV	PE ½" O.D.	PVDF / Polyprel®	RPM-312/318	\$	449	1448	1564	1930
Liquipro™ Machined												
410NI	Acrylic	PVC	Ceramic	-	PE ½" O.D.	PVDF / Polyprel®	RPM-312/318	\$	487	1486	1602	1968
410SI	Acrylic	PVC	Ceramic	FV	PE ½" O.D.	PVDF / Polyprel®	RPM-312/318	\$	566	1565	1681	2047
415NI	PP	PP	Ceramic	-	PE ½" O.D.	PTFE	RPM-415	\$	490	1489	1605	1971
415SI	PP	PP	Ceramic	FV	PE ½" O.D.	PTFE	RPM-415	\$	569	1568	1684	2050
418NI	PVC	PVC	Ceramic	-	PE ½" O.D.	PVDF / Polyprel®	RPM-312/318	\$	480	1479	1595	1961
418SI	PVC	PVC	Ceramic	FV	PE ½" O.D.	PVDF / Polyprel®	RPM-312/318	\$	559	1558	1674	2040
419NI	Acrylic	PVDF	PTFE	-	PE ½" O.D.	PVDF / Polyprel®	RPM-410F	\$	501	1500	1616	1982
419SI	Acrylic	PVDF	PTFE	FV	PE ½" O.D.	PVDF / Polyprel®	RPM-410F	\$	580	1579	1695	2061
Legacy LMI												
217	316SS	316SS	316SS	-	Pipe ¼" NPT M	316SS	-	\$	700	1699	1815	2181
Liquipro™ De-gas												
D10AI	Acrylic	PVC	Ceramic	-	PE ½" O.D.	Polyprel®	RPM-D98	\$	557	1556	1672	2038
D10HI	Acrylic	PVC	Ceramic	FV	PE ½" O.D.	Polyprel®	RPM-D98	\$	666	1665	1781	2147
D18AI	PVC	PVC	Ceramic	-	PE ½" O.D.	Polyprel®	RPM-D98	\$	550	1549	1665	2031
D18HI	PVC	PVC	Ceramic	FV	PE ½" O.D.	Polyprel®	RPM-D98	\$	659	1658	1774	2140
B13	1	- 312NI										

RPM Kit	Price	Contents
Liquipro™		
RPM-312/318	\$ 153	*O-Rings *Shaft Seal
RPM-313	\$ 184	*Check Valve Cartridges
RPM-415	\$ 168	*Hardware kit
RPM-410F	\$ 168	*Liquifram *Injection Valve Cartridge
Liquipro™ De-gas		
RPM-D18	\$ 194	*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:



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

Control Codes

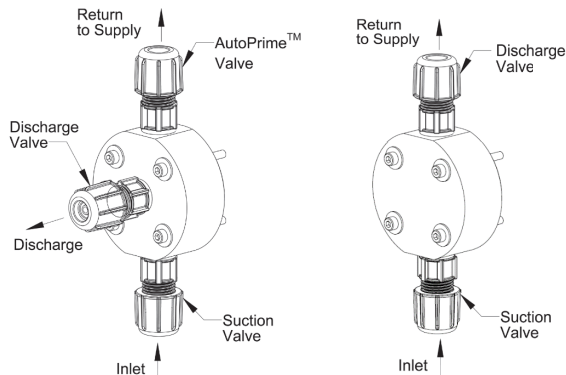
Key Features	C1	C7	C9
Stroke length manually adjustable	✓	✓	✓
Stroke frequency manually adjustable	✓	✓	✓
External control via pulse input		✓	✓
Manual/External mode selection		✓	✓
LCD and 4-key tactile keypad			✓
External control via 4-20mA			✓
Divide/Multiply incoming pulses			✓
Flow monitoring with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



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:						C9 units include:	
						Certain C7 units include:	

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

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									\$ 1,333	
C70 Pulse Input w/ Dual Manual Control									\$ 1,441	
C90 Pulse/Analog Input w/ Dual Manual Control - Advanced Features									\$ 1,821	
Power Code										
	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										
	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	\$ 441	
Legacy LMI										
	297	-	316SS	316SS	316SS	316SS	Pipe ¼" NPT M	-	\$ 582	
C10	1	-498SP								

Pump Price		
C10	C70	C90
1774	1882	2262
1915	2023	2403

RPM Kit	Price	Contents
Liquipro™		
RPM-392/398	\$ 143	*O-Rings *Shaft Seal *Check Valve Cartridges *Hardware kit *Liquifram



SERIES C PUMP SELECTION AND PRICING

OUTPUT CODE 1

100 SPM Max.

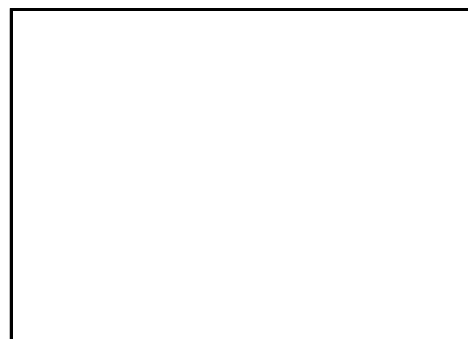
Size Code 1.8

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									\$ 1,333		
C71 Pulse Input w/ Dual Manual Control									\$ 1,441		
C91 Pulse/Analog Input w/ Dual Manual Control - Advanced Features									\$ 1,821		
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 3/8" O.D.	PVDF / Polyprel®	RPM-362/368	\$ 299	1632	1740	2120
362SI	PVDF	PVDF	Ceramic	FV	PE 3/8" O.D.	PVDF / Polyprel®	RPM-362/368	\$ 378	1711	1819	2199
363NI	PVDF	PVDF	Ceramic	-	PE 3/8" O.D.	PVDF / PTFE	RPM-363	\$ 343	1676	1784	2164
363SI	PVDF	PVDF	Ceramic	FV	PE 3/8" O.D.	PVDF / PTFE	RPM-363	\$ 422	1755	1863	2243
368NI	PVC	PVC	Ceramic	-	PE 3/8" O.D.	PVDF/ Polyprel®	RPM-362/368	\$ 252	1585	1693	2073
368SI	PVC	PVC	Ceramic	FV	PE 3/8" O.D.	PVDF/ Polyprel®	RPM-362/368	\$ 331	1664	1772	2152
Liquipro™ Machined											
460NI	Acrylic	PVC	Ceramic	-	PE 3/8" O.D.	PVDF/ Polyprel®	RPM-362/368	\$ 369	1702	1810	2190
460SI	Acrylic	PVC	Ceramic	FV	PE 3/8" O.D.	PVDF/ Polyprel®	RPM-362/368	\$ 448	1781	1889	2269
465NI	PP	PP	Ceramic	-	PE 3/8" O.D.	PTFE	RPM-465	\$ 372	1705	1813	2193
465SI	PP	PP	Ceramic	FV	PE 3/8" O.D.	PTFE	RPM-465	\$ 451	1784	1892	2272
468NI	PVC	PVC	Ceramic	-	PE 3/8" O.D.	PVDF/ Polyprel®	RPM-362/368	\$ 362	1695	1803	2183
468SI	PVC	PVC	Ceramic	FV	PE 3/8" O.D.	PVDF/ Polyprel®	RPM-362/368	\$ 441	1774	1882	2262
469NI	Acrylic	PVDF	PTFE	-	PE 3/8" O.D.	PVDF/ Polyprel®	RPM-460F	\$ 383	1716	1824	2204
469SI	Acrylic	PVDF	PTFE	FV	PE 3/8" O.D.	PVDF/ Polyprel®	RPM-460F	\$ 462	1795	1903	2283
Legacy LMI											
75HV	PP	PP	316SS	-	PE 1/2" OD / Vinyl 0.938" OD	PTFE	SP-75HV	\$ 464	1797	1905	2285
76HV	Acrylic	PP	316SS	-	PE 1/2" OD / Vinyl 0.938" OD	FKM	SP-76	\$ 464	1797	1905	2285
277	316SS	316SS	316SS	-	Pipe 1/4" NPT M	316SS	-	\$ 582	1915	2023	2403
Liquipro™ De-gas											
D60AI	Acrylic	PVC	Ceramic	-	PE 3/8" O.D.	Polyprel®	RPM-D68	\$ 439	1772	1880	2260
D60HI	Acrylic	PVC	Ceramic	FV	PE 3/8" O.D.	Polyprel®	RPM-D68	\$ 548	1881	1989	2369
D68AI	PVC	PVC	Ceramic	-	PE 3/8" O.D.	Polyprel®	RPM-D68	\$ 432	1765	1873	2253
D68HI	PVC	PVC	Ceramic	FV	PE 3/8" O.D.	Polyprel®	RPM-D68	\$ 541	1874	1982	2362
C11	1	-362SI									

RPM Kit	Price	Contents
Liquipro™		
RPM-362/368	\$ 148	*O-Rings *Shaft Seal
RPM-363	\$ 173	*Check Valve Cartridges
RPM-465	\$ 158	*Hardware kit
RPM-460F	\$ 158	*Liquifram
Legacy LMI		
SP-75HV	\$ 163	*Shaft Seal *Liquifram *Seal Ring Seats *Clamp rings
SP-76	\$ 153	*Balls & springs
Liquipro™ De-gas		
RPM-D68	\$ 184	*O Rings *Check Valve Cartridges *Shaft Seal *Injection Valve Cartridge *Liquifram *AutoPrime Cartridge



SERIES C PUMP SELECTION AND PRICING

OUTPUT CODE 2

100 SPM Max.

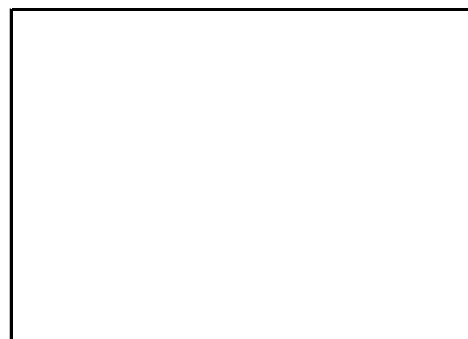
Size Code 1.8

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										\$	1,333			
C72 Pulse Input w/ Dual Manual Control										\$	1,441			
C92 Pulse/Analog Input w/ Dual Manual Control - Advanced Features										\$	1,821			
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					
									C12	C72	C92			
Liquipro™ Molded														
362NI	PVDF	PVDF	Ceramic	-	PE 3/8" O.D.	PVDF / Polyprel®	RPM-362/368	\$	299	1632	1740	2120		
362SI	PVDF	PVDF	Ceramic	FV	PE 3/8" O.D.	PVDF / Polyprel®	RPM-362/368	\$	378	1711	1819	2199		
363NI	PVDF	PVDF	Ceramic	-	PE 3/8" O.D.	PVDF / PTFE	RPM-363	\$	343	1676	1784	2164		
363SI	PVDF	PVDF	Ceramic	FV	PE 3/8" O.D.	PVDF / PTFE	RPM-363	\$	422	1755	1863	2243		
368NI	PVC	PVC	Ceramic	-	PE 3/8" O.D.	PVDF/ Polyprel®	RPM-362/368	\$	252	1585	1693	2073		
368SI	PVC	PVC	Ceramic	FV	PE 3/8" O.D.	PVDF/ Polyprel®	RPM-362/368	\$	331	1664	1772	2152		
Liquipro™ Machined														
460NI	Acrylic	PVC	Ceramic	-	PE 3/8" O.D.	PVDF/ Polyprel®	RPM-362/368	\$	369	1702	1810	2190		
460SI	Acrylic	PVC	Ceramic	FV	PE 3/8" O.D.	PVDF/ Polyprel®	RPM-362/368	\$	448	1781	1889	2269		
465NI	PP	PP	Ceramic	-	PE 3/8" O.D.	PTFE	RPM-465	\$	372	1705	1813	2193		
465SI	PP	PP	Ceramic	FV	PE 3/8" O.D.	PTFE	RPM-465	\$	451	1784	1892	2272		
468NI	PVC	PVC	Ceramic	-	PE 3/8" O.D.	PVDF/ Polyprel®	RPM-362/368	\$	362	1695	1803	2183		
468SI	PVC	PVC	Ceramic	FV	PE 3/8" O.D.	PVDF/ Polyprel®	RPM-362/368	\$	441	1774	1882	2262		
469NI	Acrylic	PVDF	PTFE	-	PE 3/8" O.D.	PVDF/ Polyprel®	RPM-460F	\$	383	1716	1824	2204		
469SI	Acrylic	PVDF	PTFE	FV	PE 3/8" O.D.	PVDF/ Polyprel®	RPM-460F	\$	462	1795	1903	2283		
Legacy LMI														
75HV	PP	PP	316SS	-	PE 1/2" OD / Vinyl 0.938" OD	PTFE	SP-75HV	\$	464	1797	1905	2285		
76HV	Acrylic	PP	316SS	-	PE 1/2" OD / Vinyl 0.938" OD	FKM	SP-76	\$	464	1797	1905	2285		
277	316SS	316SS	316SS	-	Pipe 1/4" NPT M	316SS	-	\$	582	1915	2023	2403		
Liquipro™ De-gas														
D60AI	Acrylic	PVC	Ceramic	-	PE 3/8" O.D.	Polyprel®	RPM-D68	\$	439	1772	1880	2260		
D60HI	Acrylic	PVC	Ceramic	FV	PE 3/8" O.D.	Polyprel®	RPM-D68	\$	548	1881	1989	2369		
D68AI	PVC	PVC	Ceramic	-	PE 3/8" O.D.	Polyprel®	RPM-D68	\$	432	1765	1873	2253		
D68HI	PVC	PVC	Ceramic	FV	PE 3/8" O.D.	Polyprel®	RPM-D68	\$	541	1874	1982	2362		
C11	1	-362SI												

RPM Kit	Price	Contents
Liquipro™		
RPM-362/368	\$ 148	*O-Rings *Shaft Seal
RPM-363	\$ 173	*Check Valve Cartridges
RPM-465	\$ 158	*Hardware kit
RPM-460F	\$ 158	*Liquifram
Legacy LMI		
SP-75HV	\$ 163	*Shaft Seal *Liquifram *Seal Ring Seats *Clamp rings
SP-76	\$ 153	*Balls & springs
Liquipro™ De-gas		
RPM-D68	\$ 184	*O Rings *Check Valve Cartridges *Shaft Seal *Injection Valve Cartridge *Liquifram *AutoPrime Cartridge



SERIES C PUMP SELECTION AND PRICING

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									\$ 1,333		
C73 Pulse Input w/ Dual Manual Control									\$ 1,441		
C93 Pulse/Analog Input w/ Dual Manual Control - Advanced Features									\$ 1,821		
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			
									C13	C73	C93
Liquipro™ Molded											
312NI	PVDF	PVDF	Ceramic	-	PE ½" O.D.	PVDF / Polyprel®	RPM-312/318	\$ 417	1750	1858	2238
312SI	PVDF	PVDF	Ceramic	FV	PE ½" O.D.	PVDF / Polyprel®	RPM-312/318	\$ 496	1829	1937	2317
313NI	PVDF	PVDF	Ceramic	-	PE ½" O.D.	PVDF / PTFE	RPM-313	\$ 461	1794	1902	2282
313SI	PVDF	PVDF	Ceramic	FV	PE ½" O.D.	PVDF / PTFE	RPM-313	\$ 540	1873	1981	2361
318NI	PVC	PVC	Ceramic	-	PE ½" O.D.	PVDF/ Polyprel®	RPM-312/318	\$ 370	1703	1811	2191
318SI	PVC	PVC	Ceramic	FV	PE ½" O.D.	PVDF/ Polyprel®	RPM-312/318	\$ 449	1782	1890	2270
Liquipro™ Machined											
410NI	Acrylic	PVC	Ceramic	-	PE ½" O.D.	PVDF/ Polyprel®	RPM-312/318	\$ 487	1820	1928	2308
410SI	Acrylic	PVC	Ceramic	FV	PE ½" O.D.	PVDF/ Polyprel®	RPM-312/318	\$ 566	1899	2007	2387
415NI	PP	PP	Ceramic	-	PE ½" O.D.	PTFE	RPM-415	\$ 490	1823	1931	2311
415SI	PP	PP	Ceramic	FV	PE ½" O.D.	PTFE	RPM-415	\$ 569	1902	2010	2390
418NI	PVC	PVC	Ceramic	-	PE ½" O.D.	PVDF/ Polyprel®	RPM-312/318	\$ 480	1813	1921	2301
418SI	PVC	PVC	Ceramic	FV	PE ½" O.D.	PVDF/ Polyprel®	RPM-312/318	\$ 559	1892	2000	2380
419NI	Acrylic	PVDF	PTFE	-	PE ½" O.D.	PVDF/ Polyprel®	RPM-410F	\$ 501	1834	1942	2322
419SI	Acrylic	PVDF	PTFE	FV	PE ½" O.D.	PVDF/ Polyprel®	RPM-410F	\$ 580	1913	2021	2401
Legacy LMI											
20	Acrylic	PVC	Ceramic	-	PE ½" OD	FKM	SP-20	\$ 507	1840	1948	2328
20HV	Acrylic	PP	316SS	-	PE ½" OD/Vinyl 0.938" OD	FKM	SP-20HV	\$ 609	1942	2050	2430
20S	Acrylic	PVC	Ceramic	FV	PE ½" OD/Vinyl ½" OD	FKM	SP-20	\$ 631	1964	2072	2452
24	PVC	PVC	Ceramic	-	Pipe ½" NPT M	PTFE	SP-U5	\$ 549	1882	1990	2370
25HV	PP	316SS	316SS	-	PE ½" OD/Vinyl 0.938" OD	PTFE	SP-25HV	\$ 609	1942	2050	2430
26	PVC	PVC	Ceramic	-	PE ½" OD	FKM	SP-26	\$ 501	1834	1942	2322
26S	PVC	PVC	Ceramic	FV	PE ½" OD	FKM	SP-26	\$ 626	1959	2067	2447
27	316SS	316SS	316SS	-	Pipe ½" NPT M	PTFE	SP-27	\$ 1,625	2958	3066	3446
Liquipro™ De-gas											
D10AI	Acrylic	PVC	Ceramic	-	PE ½" O.D.	Polyprel®	RPM-D18	\$ 557	1890	1998	2378
D10HI	Acrylic	PVC	Ceramic	FV	PE ½" O.D.	Polyprel®	RPM-D18	\$ 666	1999	2107	2487
D18AI	PVC	PVC	Ceramic	-	PE ½" O.D.	Polyprel®	RPM-D18	\$ 550	1883	1991	2371
D18HI	PVC	PVC	Ceramic	FV	PE ½" O.D.	Polyprel®	RPM-D18	\$ 659	1992	2100	2480
C13	1	- 312									

RPM Kit	Price	Contents
Legacy LMI		
SP-20	\$ 143	*Shaft Seal
SP-20HV	\$ 184	*Liquifram
SP-U5	\$ 214	*Seal Ring Seats
SP-25HV	\$ 184	*Clamp rings
SP-26	\$ 224	*Balls & spring or springs
SP-27	\$ 173	

RPM Kit	Price	Contents
Liquipro™		
RPM-312/318	\$ 153	*O-Rings *Hardware kit
RPM-313	\$ 184	*Shaft Seal *Liquifram
RPM-415	\$ 168	*Check Valve Cartridges
RPM-410F	\$ 168	
Liquipro™ De-gas		
RPM-D18	\$ 194	*Liquifram *O Rings *Shaft Seal *AutoPrime Cart *CV Cart. *Inj. Valve

SERIES C PUMP SELECTION AND PRICING

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						\$ 1,489					
C74	Pulse Input w/ Dual Manual Control						\$ 1,597					
C94	Pulse/Analog Input w/ Dual Manual Control - Advanced Features						\$ 1,977					
	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	RPM Kit	Pump Price			
							Suction / Discharge		C14	C74	C94	
		Legacy LMI										
	30	Acrylic	PVC	Ceramic	PTFE	PE ½" O.D. / Vinyl ½" O.D.		SP-U6	\$ 644	2133	2241	2621
	34	PVC	PVC	Ceramic	PTFE	Pipe ½" NPT M		SP-U6	\$ 686	2175	2283	2663
	35P	PP	PP	Ceramic	PTFE	Pipe ½" NPT M		SP-U6	\$ 722	2211	2319	2699
	35T	PP	PP	Ceramic	PTFE	PE ½" O.D.		SP-U6	\$ 672	2161	2269	2649
	36	PVC	PVC	Ceramic	PTFE	PE ½" O.D.		SP-U6	\$ 638	2127	2235	2615
	37	316SS	316SS	316SS	PTFE	Pipe ½" NPT M		SP-37	\$ 1,803	3292	3400	3780
C14	1	- 30										

RPM Kit	Price	Contents
Legacy LMI		
SP-U6	\$ 255	*Shaft Seal
SP-37	\$ 194	*Liquifram
		*Seal Ring Seats
		*Clamp rings
		*Balls & spring or springs

**SERIES C
PUMP SELECTION AND PRICING**

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									\$ 1,704	
Power Code	Voltage	Frequency	Plug							Price
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	\$ 441 \$ 2,145	
Legacy LMI										
277	316SS	316SS	316SS	PTFE	-	¼" NPT M		-	\$ 582 \$ 2,286	
C76	1	-468SP								

RPM Kit	Price	Contents
Liquipro™		
RPM-362/368	\$ 148	*O-Rings *Shaft Seal *Check Valve Cartridges *Hardware kit *Liquifram

SERIES C PUMP SELECTION AND PRICING

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										\$ 1,704	
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	Pump Price C77		
Legacy LMI											
20	Acrylic	PVC	Ceramic	FKM	-	PE ½" OD / Vinyl ½" OD		SP-20	\$ 507	\$ 2,211	
20HV	Acrylic	PP	316SS	FKM	-	PE ½" OD / Vinyl 0.938" OD		SP-20HV	\$ 609	\$ 2,313	
20S	Acrylic	PVC	Ceramic	FKM	FV	PE ½" OD / Vinyl ½" OD		SP-20	\$ 631	\$ 2,335	
24	PVC	PVC	Ceramic	PTFE	-	Pipe ½" NPT M		SP-U5	\$ 549	\$ 2,253	
25HV	PP	316SS	316SS	PTFE	-	PE ½" OD / Vinyl 0.938" OD		SP-25HV	\$ 609	\$ 2,313	
25P	PP	PP	Ceramic	PTFE	-	Pipe ½" NPT M		SP-U5	\$ 583	\$ 2,287	
25T	PP	PP	Ceramic	PTFE	-	PE ½" OD		SP-U5	\$ 464	\$ 2,168	
26	PVC	PVC	Ceramic	FKM	-	PE ½" OD		SP-26	\$ 501	\$ 2,205	
26S	PVC	PVC	Ceramic	FKM	FV	PE ½" OD		SP-26	\$ 626	\$ 2,330	
27	316SS	316SS	316SS	PTFE	-	Pipe ½" NPT M		SP-27	\$ 1,625	\$ 3,329	
C77	1	-20									

RPM Kit	Price	Contents
Legacy LMI		
SP-20	\$ 143	*Shaft Seal
SP-20HV	\$ 184	*Seal Ring Seats
SP-U5	\$ 214	*Liquifram
SP-25HV	\$ 184	*Clamp rings
SP-U5	\$ 214	*Balls & springs
SP-26	\$ 224	
SP-27	\$ 173	

SERIES C PUMP SELECTION AND PRICING

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							\$ 1,865	
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		
Legacy LMI							Pump Price C78	
30	Acrylic	PVC	Ceramic	PTFE	PE 0½" O.D	SP-U6	\$ 644 \$ 2,509	
34	PVC	PVC	Ceramic	PTFE	Pipe 0½" NPT M	SP-U6	\$ 686 \$ 2,551	
35P	PP	PP	Ceramic	PTFE	Pipe 0½" NPT M	SP-U6	\$ 722 \$ 2,587	
35T	PP	PP	Ceramic	PTFE	PE 0½" O.D	SP-U6	\$ 672 \$ 2,537	
36	PVC	PVC	Ceramic	PTFE	PE 0½" O.D	SP-U6	\$ 638 \$ 2,503	
37	316SS	316SS	316SS	PTFE	Pipe 0½" NPT M	SP-37	\$ 1,803 \$ 3,668	
C78	1	- 30						

RPM Kit	Price	Contents
Legacy LMI		*Shaft Seal
SP-U6	\$ 255	*Liquifram
SP-37	\$ 194	*Seal Ring Seats
		*Clamp rings
		*Balls & springs

SERIES E METERING PUMPS

Explosion Proof Pumps



For support:



Output Code	Max Output		Max Pressure	
	GPH	LPH	PSI	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

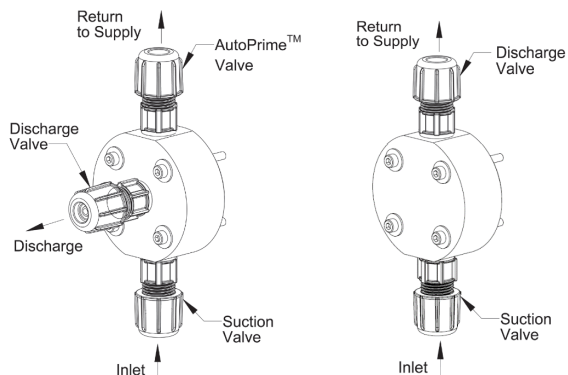
Control Code

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



AutoPrime™




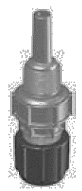


Allows for the constant removal of vapors and gases present in applications like sodium hypochlorite and hydrogen peroxide.

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
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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

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										
Drive End									Price	
Control										
E70 Pulse Input with Dual Manual Control									\$ 3,472	
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	\$ 441	\$ 3,913	
Legacy LMI										
297	316 SS	316 SS	316SS	-	Pipe ¼" NPT M	316SS	-	\$ 582	\$ 4,054	
E70	1	-498SP								

RPM Kit	Price	Contents
Liquipro™		
RPM-392/398	\$ 143	*O-Rings *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

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									\$ 3,472	
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	PVDF	Ceramic	-	PE 3/8" OD	PVDF / Polyprel®	RPM-362/368	\$ 299 \$ 3,771	
362SI	PVDF	PVDF	PVDF	Ceramic	FV	PE 3/8" OD	PVDF / Polyprel®	RPM-362/368	\$ 378 \$ 3,850	
363NI	PVDF	PVDF	PVDF	Ceramic	-	PE 3/8" OD	PVDF / PTFE	RPM-363	\$ 343 \$ 3,815	
363SI	PVDF	PVDF	PVDF	Ceramic	FV	PE 3/8" OD	PVDF / PTFE	RPM-363	\$ 422 \$ 3,894	
368NI	PVC	PVC	PVC	Ceramic	-	PE 3/8" OD	PVDF / Polyprel®	RPM-362/368	\$ 252 \$ 3,724	
368SI	PVC	PVC	PVC	Ceramic	FV	PE 3/8" OD	PVDF / Polyprel®	RPM-362/368	\$ 331 \$ 3,803	
Liquipro™ Machined										
460NI	Acrylic	PVC	PVC	Ceramic	-	PE 3/8" OD	PVDF / Polyprel®	RPM-362/368	\$ 369 \$ 3,841	
460SI	Acrylic	PVC	PVC	Ceramic	FV	PE 3/8" OD	PVDF / Polyprel®	RPM-362/368	\$ 448 \$ 3,920	
465NI	PP	PP	PP	Ceramic	-	PE 3/8" OD	PTFE	RPM-465	\$ 372 \$ 3,844	
465SI	PP	PP	PP	Ceramic	FV	PE 3/8" OD	PTFE	RPM-465	\$ 451 \$ 3,923	
468NI	PVC	PVC	PVC	Ceramic	-	PE 3/8" OD	PVDF / Polyprel®	RPM-362/368	\$ 362 \$ 3,834	
468SI	PVC	PVC	PVC	Ceramic	FV	PE 3/8" OD	PVDF / Polyprel®	RPM-362/368	\$ 441 \$ 3,913	
469NI	Acrylic	PVDF	PVDF	PTFE	-	PE 3/8" OD	PVDF / Polyprel®	RPM-460F	\$ 383 \$ 3,855	
469SI	Acrylic	PVDF	PVDF	PTFE	FV	PE 3/8" OD	PVDF / Polyprel®	RPM-460F	\$ 462 \$ 3,934	
Legacy LMI										
75HV	PP	PP	PP	316 SS	-	PE 1/2" OD / Vinyl 1/2" OD	PTFE	SP-75HV	\$ 464 \$ 3,936	
76HV	Acrylic	PP	PP	316 SS	-	PE 1/2" OD / Vinyl 1/2" OD	FKM	SP-76	\$ 464 \$ 3,936	
277	316 SS	316 SS	316 SS	316 SS	-	Pipe 1/4" NPT M	316 SS	-	\$ 582 \$ 4,054	
Liquipro™ De-gas										
D60AI	Acrylic	PVC	PVC	Ceramic	-	PE 3/8" OD	Polyprel®	RPM-D68	\$ 439 \$ 3,911	
D60HI	Acrylic	PVC	PVC	Ceramic	FV	PE 3/8" OD	Polyprel®	RPM-D68	\$ 548 \$ 4,020	
D68AI	PVC	PVC	PVC	Ceramic	-	PE 3/8" OD	Polyprel®	RPM-D68	\$ 432 \$ 3,904	
D68HI	PVC	PVC	PVC	Ceramic	FV	PE 3/8" OD	Polyprel®	RPM-D68	\$ 541 \$ 4,013	
E71	1	-362NI								

RPM Kit	Price	Contents
Liquipro™		
RPM-362/368	\$ 148	*O-Rings *Shaft Seal
RPM-363	\$ 173	*Check Valve Cartridges
RPM-465	\$ 158	*Hardware kit
RPM-460F	\$ 158	*Liquifram *Injection Valve Cartridge
Legacy LMI		
SP-75HV	\$ 163	*Shaft Seal *Liquifram *Seal Ring Seat *Clamp rings
SP-76	\$ 153	*Balls & spring or springs
Liquipro™ De-gas		
RPM-D68	\$ 184	*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

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

Drive End									Price		
Control											
E72 Pulse Input with Dual Manual Control									\$ 3,472		
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	PVDF	Ceramic	-	PE 3/8" OD	PVDF / Polyprel®	RPM-362/368	\$ 299	\$ 3,771	
362SI	PVDF	PVDF	PVDF	Ceramic	FV	PE 3/8" OD	PVDF / Polyprel®	RPM-362/368	\$ 378	\$ 3,850	
363NI	PVDF	PVDF	PVDF	Ceramic	-	PE 3/8" OD	PVDF / PTFE	RPM-363	\$ 343	\$ 3,815	
363SI	PVDF	PVDF	PVDF	Ceramic	FV	PE 3/8" OD	PVDF / PTFE	RPM-363	\$ 422	\$ 3,894	
368NI	PVC	PVC	PVC	Ceramic	-	PE 3/8" OD	PVDF / Polyprel®	RPM-362/368	\$ 252	\$ 3,724	
368SI	PVC	PVC	PVC	Ceramic	FV	PE 3/8" OD	PVDF / Polyprel®	RPM-362/368	\$ 331	\$ 3,803	
Liquipro™ Machined											
460NI	Acrylic	PVC	PVC	Ceramic	-	PE 3/8" OD	PVDF / Polyprel®	RPM-362/368	\$ 369	\$ 3,841	
460SI	Acrylic	PVC	PVC	Ceramic	FV	PE 3/8" OD	PVDF / Polyprel®	RPM-362/368	\$ 448	\$ 3,920	
465NI	PP	PP	PP	Ceramic	-	PE 3/8" OD	PTFE	RPM-465	\$ 372	\$ 3,844	
465SI	PP	PP	PP	Ceramic	FV	PE 3/8" OD	PTFE	RPM-465	\$ 451	\$ 3,923	
468NI	PVC	PVC	PVC	Ceramic	-	PE 3/8" OD	PVDF / Polyprel®	RPM-362/368	\$ 362	\$ 3,834	
468SI	PVC	PVC	PVC	Ceramic	FV	PE 3/8" OD	PVDF / Polyprel®	RPM-362/368	\$ 441	\$ 3,913	
469NI	Acrylic	PVDF	PVDF	PTFE	-	PE 3/8" OD	PVDF / Polyprel®	RPM-460F	\$ 383	\$ 3,855	
469SI	Acrylic	PVDF	PVDF	PTFE	FV	PE 3/8" OD	PVDF / Polyprel®	RPM-460F	\$ 462	\$ 3,934	
Legacy LMI											
75HV	PP	PP	PP	316 SS	-	PE 1/2" OD / Vinyl 1/2" OD	PTFE	SP-75HV	\$ 509	\$ 3,981	
76HV	Acrylic	PP	PP	316 SS	-	PE 1/2" OD / Vinyl 1/2" OD	FKM	SP-76	\$ 440	\$ 3,912	
277	316 SS	316 SS	316 SS	316 SS	-	Pipe 1/4" NPT M	316 SS	-	\$ 1,225	\$ 4,697	
Liquipro™ De-gas											
D60AI	Acrylic	PVC	PVC	Ceramic	-	PE 3/8" OD	Polyprel®	RPM-D68	\$ 439	\$ 3,911	
D60HI	Acrylic	PVC	PVC	Ceramic	FV	PE 3/8" OD	Polyprel®	RPM-D68	\$ 548	\$ 4,020	
D68AI	PVC	PVC	PVC	Ceramic	-	PE 3/8" OD	Polyprel®	RPM-D68	\$ 432	\$ 3,904	
D68HI	PVC	PVC	PVC	Ceramic	FV	PE 3/8" OD	Polyprel®	RPM-D68	\$ 541	\$ 4,013	
E72	1	-362NI									

RPM Kit	Price	Contents
Liquipro™		
RPM-362/368	\$ 148	*O-Rings *Shaft Seal
RPM-363	\$ 173	*Check Valve Cartridges
RPM-465	\$ 158	*Hardware kit
RPM-460F	\$ 158	*Liquifram *Injection Valve Cartridge
Legacy LMI		
SP-75HV	\$ 163	*Shaft Seal *Liquifram *Seal Ring Seat *Clamp rings
SP-76	\$ 153	*Balls & spring or springs
Liquipro™ De-gas		
RPM-D68	\$ 184	*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

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										Price		
Drive End												
Control												
E73 Pulse Input with Dual Manual Control										\$	3,472	
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 1/2" OD	PVDF / Polyprel®	RPM-312/318	\$	417	\$ 3,889		
312SI	PVDF	PVDF	Ceramic	FV	PE 1/2" OD	PVDF / Polyprel®	RPM-312/318	\$	496	\$ 3,968		
313NI	PVDF	PVDF	Ceramic	-	PE 1/2" OD	PVDF / PTFE	RPM-313	\$	461	\$ 3,933		
313SI	PVDF	PVDF	Ceramic	FV	PE 1/2" OD	PVDF / PTFE	RPM-313	\$	540	\$ 4,012		
318NI	PVC	PVC	Ceramic	-	PE 1/2" OD	PVDF / Polyprel®	RPM-312/318	\$	370	\$ 3,842		
318SI	PVC	PVC	Ceramic	FV	PE 1/2" OD	PVDF / Polyprel®	RPM-312/318	\$	449	\$ 3,921		
Liquipro™ Machined												
410NI	Acrylic	PVC	Ceramic	-	PE 1/2" OD	PVDF / Polyprel®	RPM-410F	\$	487	\$ 3,959		
410SI	Acrylic	PVC	Ceramic	FV	PE 1/2" OD	PVDF / Polyprel®	RPM-410F	\$	566	\$ 4,038		
415NI	PP	PP	Ceramic	-	PE 1/2" OD	PTFE	RPM-415	\$	490	\$ 3,962		
415SI	PP	PP	Ceramic	FV	PE 1/2" OD	PTFE	RPM-415	\$	569	\$ 4,041		
418NI	PVC	PVC	Ceramic	-	PE 1/2" OD	PVDF / Polyprel®	RPM-312/318	\$	480	\$ 3,952		
418SI	PVC	PVC	Ceramic	FV	PE 1/2" OD	PVDF / Polyprel®	RPM-312/318	\$	559	\$ 4,031		
419NI	Acrylic	PVDF	PTFE	-	PE 1/2" OD	PVDF / Polyprel®	RPM-410F	\$	501	\$ 3,973		
419SI	Acrylic	PVDF	PTFE	FV	PE 1/2" OD	PVDF / Polyprel®	RPM-410F	\$	580	\$ 4,052		
Legacy LMI												
20	Acrylic	PVC	Ceramic	-	PE 1/2" OD / Vinyl 1/2" OD	FKM	SP-20	\$	507	\$ 3,979		
20HV	Acrylic	PP	316 SS	-	PE 1/2" OD / Vinyl 1/2" OD	FKM	SP-20HV	\$	609	\$ 4,081		
20S	Acrylic	PVC	Ceramic	FV	PE 1/2" OD / Vinyl 1/2" OD	FKM	SP-20	\$	631	\$ 4,103		
24	PVC	PVC	Ceramic	-	PE 1/2" OD / Vinyl 1/2" OD	PTFE	SP-U5	\$	549	\$ 4,021		
25HV	PP	316SS	316 SS	-	PE 1/2" OD / Vinyl 1/2" OD	PTFE	SP-25HV	\$	609	\$ 4,081		
26	PVC	PVC	Ceramic	-	PE 1/2" OD / Vinyl 1/2" OD	FKM	SP-26	\$	501	\$ 3,973		
26S	PVC	PVC	Ceramic	FV	PE 1/2" OD / Vinyl 1/2" OD	FKM	SP-26	\$	626	\$ 4,098		
27	316 SS	316 SS	316 SS	-	Pipe 1/2" NPT M	PTFE	SP-27	\$	1,625	\$ 5,097		
Liquipro™ De-gas												
D10AI	Acrylic	PVC	Ceramic	-	PE 1/2" OD	Polyprel®	RPM-D18	\$	557	\$ 4,029		
D10HI	Acrylic	PVC	Ceramic	FV	PE 1/2" OD	Polyprel®	RPM-D18	\$	666	\$ 4,138		
D18AI	PVC	PVC	Ceramic	-	PE 1/2" OD	Polyprel®	RPM-D18	\$	550	\$ 4,022		
D18HI	PVC	PVC	Ceramic	FV	PE 1/2" OD	Polyprel®	RPM-D18	\$	659	\$ 4,131		
E73	1	-312NI										

RPM Kit	Price	Contents
Liquipro™		
RPM-312/318	\$ 153	*O-Rings
		*Shaft Seal
RPM-313	\$ 184	*Check Valve Cartridges
RPM-415	\$ 168	*Hardware kit
RPM-410F	\$ 168	*Liquifram
		*Injection Valve Cartridge
Legacy LMI		
SP-20	\$ 143	
SP-20HV	\$ 184	*Shaft Seal
SP-20	\$ 143	*Liquifram
SP-U5	\$ 214	*Seal Ring Seat
SP-25HV	\$ 184	*Clamp rings
SP-26	\$ 224	*Balls & spring or springs
SP-27	\$ 173	

RPM Kit	Price	Contents
Liquipro™ De-gas		
RPM-D18	\$ 194	*O Rings
		*Shaft Seal
		*Liquifram
		*Check Valve Cartridges
		*Injection Valve Cartridge
		*AutoPrime Cartridge

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SERIES E PUMP SELECTION AND PRICING

OUTPUT CODE 4

100 SPM Max. Size Code 6.0

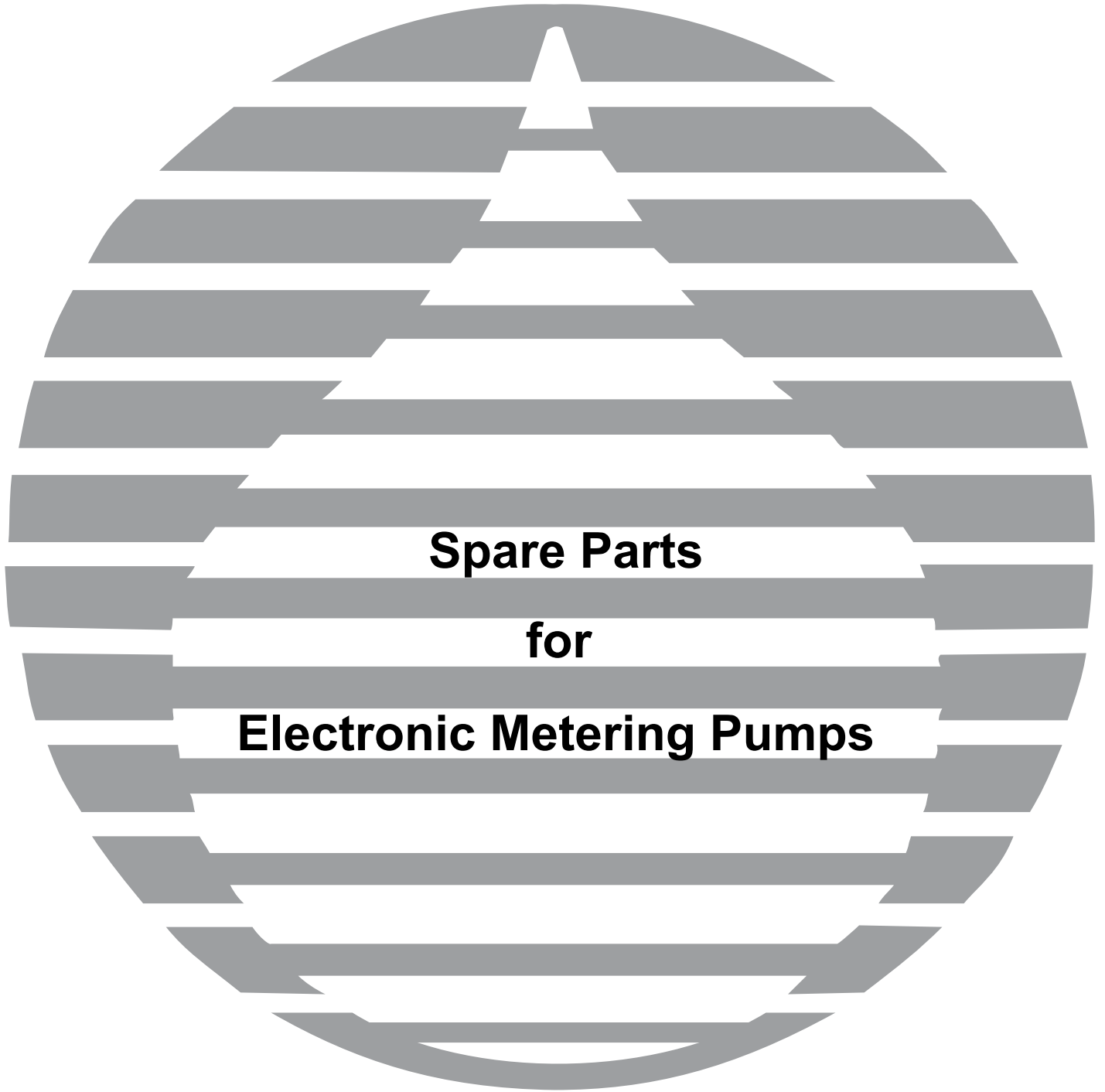
0.0 - 20 GPH (0.0 - 75.7 LPH); 25 psi (1.7 bar)

E74											
Drive End									Price		
Control											
E74 Pulse Input with Dual Manual Control									\$ 3,631		
Power Code	Voltage	Frequency								Price	
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	\$ 644	\$ 4,275		
34	PVC	PVC	Ceramic	PTFE	Pipe ½" NPT M		SP-U6	\$ 686	\$ 4,317		
35P	PP	PP	Ceramic	PTFE	Pipe ½" NPT M		SP-U6	\$ 722	\$ 4,353		
35T	PP	PP	Ceramic	PTFE	PE .5" OD		SP-U6	\$ 672	\$ 4,303		
36	PVC	PVC	Ceramic	PTFE	PE .5" OD		SP-U6	\$ 638	\$ 4,269		
37	316 SS	316 SS	316 SS	PTFE	Pipe ½" NPT M		SP-37	\$ 1,803	\$ 5,434		
E74	1	-30									

RPM Kit	Price	Contents
Legacy LMI		
SP-U6	\$ 255	*Shaft Seal
SP-37	\$ 194	*Liquifram
		*Seal Ring Seat
		*Clamp rings
		*Balls & spring or springs

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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	\$ 117
RPM-718	718xx	\$ 117
RPM-728	728xx	\$ 122
RPM-738	738xx	\$ 128
RPM-748	748xx	\$ 133
RPM-812	812xx,818xx,910Nx,910Sx,918Nx,918Sx	\$ 138
RPM-813	813xx, 915xx	\$ 153
RPM-822	822xx,828xx,920Nx,920Sx,928Nx,928Sx	\$ 143
RPM-823	823xx, 925xx	\$ 163
RPM-832	832xx,838xx,930Nx,930Sx,938Nx,938Sx	\$ 148
RPM-833	833xx, 935xx	\$ 173
RPM-842	842xx,848xx,940Nx,940Sx,948Nx,948Sx	\$ 153
RPM-843	843xx, 945xx	\$ 184
RPM-907	907NP	\$ 265
RPM-917	917NP	\$ 265
RPM-919	919xx	\$ 138
RPM-927	927NP	\$ 275
RPM-929	929xx	\$ 143
RPM-937	937NP	\$ 286
RPM-939	939xx	\$ 148
RPM-947	947NP	\$ 296
RPM-949	949xx	\$ 153

High Viscosity - RPM Kits

RPM Kit	For Liquid End Assembly	Price
RPM-624	624xx	\$ 133
RPM-626	626xx	\$ 133
RPM-634	634xx	\$ 143
RPM-636	636xx	\$ 143
RPM-644	644xx	\$ 153
RPM-646	646xx	\$ 153

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	\$ 163
SP-U2	65, 65S, 71S, 71T, 72S, 72S, 72T, 74, 74S, 75S, 75T	\$ 163
SP-U3	81FS, 91FS	\$ 163
SP-U4	71FS	\$ 163
SP-U5	24, 25P, 25T	\$ 214
SP-U6	30, 30S, 32, 34, 35P, 35T, 36, 36S	\$ 255
SP-U7	190, 190S, 191, 191S, 192, 192S, 193, 193S, 198, 198S	\$ 163
SP-U8	150, 150S, 151, 151P, 151S, 152, 152S, 158	\$ 163
SP-U9	155, 155P, 155S	\$ 163
SP-U10	61, 62, 62S, 161, 162, 168, 168S, 171, 171S, 172, 172S	\$ 163
SP-U17	12, 12S, 112, 112S, 118, 118S	\$ 184
SP-15	15, 15S	\$ 184
SP-20	20, 20S	\$ 143
SP-20HV	20HV	\$ 184
SP-25HV	25HV, 20PB, 20PBA	\$ 184
SP-26	26, 26S	\$ 224
SP-27	27	\$ 173
SP-29	29	\$ 184
SP-30HV	30HV	\$ 165

LIQUIPRO™ - RPM Kits

RPM Kit	For Liquid End Assembly	Price
RPM-312/318	312xx, 318xx, 410xx, 418xx	\$ 153
RPM-313	313xx	\$ 184
RPM-352/358	352xx, 358xx, 450xx, 458xx	\$ 138
RPM-353	353xx	\$ 153
RPM-362/368	362xx, 368xx, 460xx, 468xx	\$ 148
RPM-363	363xx	\$ 173
RPM-392/398	392xx, 398xx, 490xx, 498xx	\$ 143
RPM-393	393xx	\$ 163
RPM-410F	410xx, 419xx	\$ 168
RPM-415	415xx	\$ 168
RPM-450F	450xx, 459xx	\$ 138
RPM-455	455xx	\$ 138
RPM-460F	460xx, 469xx	\$ 158
RPM-465	465xx	\$ 158
RPM-490F	490xx, 499xx	\$ 148
RPM-495	495xx	\$ 148
RPM-D18	D10xx, D18xx	\$ 194
RPM-D58	D50xx, D58xx	\$ 163
RPM-D68	D60xx, D68xx	\$ 184
RPM-D98	D90xx, D98xx	\$ 173

AUTOPRIME® De-gas - RPM Kits

RPM Kit	For Liquid End Assembly	Price
RPM-910A	910Ax, 910Hx, 918Ax, 918Hx	\$ 158
RPM-920A	920Ax, 920Hx, 928Ax, 928Hx	\$ 163
RPM-930A	930Ax, 930Hx, 938Ax, 938Hx	\$ 168
RPM-A10A	A10Ax, A10Hx, A18Ax, A18Hx	\$ 163
RPM-A20A	A20Ax, A20Hx, A28Ax, A28Hx	\$ 173
RPM-A30A	A30Ax, A30Hx, A38Ax, A38Hx	\$ 184
RPM-A40A	A40Ax, A40Hx, A48Ax, A48Hx	\$ 194

Legacy LMI - Spare Parts Kits

RPM Kit	For Liquid End Assembly	Price
SP-35HV	35HV	\$ 184
SP-37	37	\$ 194
SP-66PB	66PB	\$ 163
SP-75HV	75HV	\$ 163
SP-75V	75V	\$ 163
SP-76	76HV	\$ 153
SP-76PB	76PB	\$ 163
SP-77	77	\$ 163
SP-79	79	\$ 163
SP-85HV	85HV, 86PBA	\$ 163
SP-86	86HV	\$ 153
SP-86PB	86PB	\$ 163
SP-89	89	\$ 163
SP-92V	92V	\$ 163
SP-97	97	\$ 163
SP-151FS	151FS	\$ 163
SP-155HV	155HV, 156PB, 156PBA	\$ 163
SP-156	156HV	\$ 163
SP-157	157	\$ 163
SP-987	987	\$ 898

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	\$ 321
PD71x	0	0.10 to 0.25	0.38 to 0.95	450	30.6	\$ 545
PD04x	2	0.35 to 0.68	1.32 to 2.60	250	17.3	\$ 321
PD74x	2	0.35 to 0.68	1.32 to 2.60	250	17.3	\$ 545
PD05x	3	0.80 to 1.10	3.00 to 4.20	150	10.3	\$ 321
PD75x	3	0.80 to 1.10	3.00 to 4.20	150	10.3	\$ 545
PD06x	4	1.70 to 1.85	6.40 to 7.60	70	4.8	\$ 321
PD76x	4	1.70 to 1.85	6.40 to 7.60	70	4.8	\$ 545
EXCEL AD						
AD21x	1	0.002 to 0.21	0.01 to 0.8	250	17.2	\$ 708
AD24x	2	0.005 to 0.50	0.02 to 1.9	250	17.2	\$ 708
AD25x	3	0.010 to 1.00	0.04 to 3.8	110	7.6	\$ 707
AD26x	4	0.020 to 2.00	0.08 to 7.6	50	3.4	\$ 745
AD81x	1	0.002 to 0.21	0.01 to 0.8	250	17.2	\$ 915
AD84x	2	0.005 to 0.50	0.02 to 1.9	250	17.2	\$ 915
AD85x	3	0.010 to 1.00	0.04 to 3.8	110	7.6	\$ 914
AD86x	4	0.020 to 2.00	0.08 to 7.6	50	3.4	\$ 952
AD91x	1	0.002 to 0.21	0.01 to 0.8	250	17.2	\$ 1,157
AD94x	2	0.005 to 0.50	0.02 to 1.9	250	17.2	\$ 1,157
AD95x	3	0.010 to 1.00	0.04 to 3.8	110	7.6	\$ 1,156
AD96x	4	0.020 to 2.00	0.08 to 7.6	50	3.4	\$ 1,194
SERIES B						
B11x	0.9	0.01 to 1.60	0.05 to 6.10	150	10.3	\$ 935
B12x	0.9	0.01 to 2.50	0.05 to 9.50	100	6.9	\$ 935
B13x	1.8	0.02 to 4.50	0.09 to 17.0	50	3.4	\$ 935
B14x	3.0	0.04 to 7.00	0.13 to 26.5	30	2.07	\$ 999
B71x	0.9	0.00 to 1.60	0.00 to 6.10	150	10.3	\$ 1,051
B72x	0.9	0.00 to 2.50	0.00 to 9.50	100	6.9	\$ 1,051
B73x	1.8	0.00 to 4.50	0.00 to 17.0	50	3.4	\$ 1,051
B74x	3.0	0.00 to 7.00	0.00 to 26.5	30	2.07	\$ 1,115
B91x	0.9	0.00 to 1.60	0.00 to 6.10	150	10.3	\$ 1,417
B92x	0.9	0.00 to 2.50	0.00 to 9.50	100	6.9	\$ 1,417
B93x	1.8	0.00 to 4.50	0.00 to 17.0	50	3.4	\$ 1,417
B94x	3.0	0.00 to 7.00	0.00 to 26.5	30	2.07	\$ 1,481

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	\$ 1,333
C11x	1.8	0.01 to 2.50	0.05 to 9.50	150	10.3	\$ 1,333
C12x	1.8	0.02 to 4.00	0.08 to 15.1	100	6.9	\$ 1,333
C13x	3.0	0.05 to 8.00	0.17 to 30.3	60	4.1	\$ 1,333
C14x	6.0	0.1 to 20.00	0.38 to 76.0	25	1.8	\$ 1,489
C70x	0.9	0.00 to 1.30	0.00 to 4.90	300	20.7	\$ 1,441
C71x	1.8	0.00 to 2.50	0.00 to 9.50	150	10.3	\$ 1,441
C72x	1.8	0.00 to 4.00	0.00 to 15.1	100	6.9	\$ 1,441
C73x	3.0	0.00 to 8.00	0.00 to 30.3	60	4.1	\$ 1,441
C74x	6.0	0.00 to 20.0	0.00 to 76.0	25	1.8	\$ 1,597
C76x	1.8	0.00 to 4.00	0.00 to 15.1	175	12.1	\$ 1,704
C77x	3.0	0.00 to 10.0	0.00 to 38.0	80	5.5	\$ 1,704
C78x	6.0	0.00 to 25.0	0.00 to 95.0	30	2.07	\$ 1,865
C90x	0.9	0.00 to 1.30	0.00 to 4.90	300	20.7	\$ 1,821
C91x	1.8	0.00 to 2.50	0.00 to 9.50	150	10.3	\$ 1,821
C92x	1.8	0.00 to 4.00	0.00 to 15.1	100	6.9	\$ 1,821
C93x	3.0	0.00 to 8.00	0.00 to 30.3	60	4.1	\$ 1,821
C94x	6.0	0.00 to 20.0	0.00 to 76.0	25	1.8	\$ 1,977
SERIES E						
E70x	0.9	0.00 to 1.30	0.00 to 4.90	300	20.7	\$ 3,472
E71x	1.8	0.00 to 2.50	0.00 to 9.50	150	10.3	\$ 3,472
E72x	1.8	0.00 to 4.00	0.00 to 15.1	100	6.9	\$ 3,472
E73x	3.0	0.00 to 8.00	0.00 to 30.3	60	4.1	\$ 3,472
E74x	6.0	0.00 to 20.0	0.00 to 76.0	25	1.7	\$ 3,631

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	\$ 277
LE-812SI	1	\$ 356
LE-813NI	1	\$ 321
LE-813SI	1	\$ 400
LE-818NI	1	\$ 232
LE-818SI	1	\$ 311
LE-822NI	2*	\$ 290
LE-822SI	2*	\$ 369
LE-823NI	2*	\$ 334
LE-823SI	2*	\$ 413
LE-828NI	2*	\$ 245
LE-828SI	2*	\$ 324
LE-832NI	3	\$ 290
LE-832SI	3	\$ 369
LE-833NI	3	\$ 334
LE-833SI	3	\$ 413
LE-838NI	3	\$ 245
LE-838SI	3	\$ 324
LE-842NI	4	\$ 290
LE-842SI	4	\$ 369
LE-843NI	4	\$ 334
LE-843SI	4	\$ 413
LE-848NI	4	\$ 245
LE-848SI	4	\$ 324

FASTPRIME™ Machined

Liquid End	Size Code	Price
LE-907NP	0	\$ 555
LE-910NI	1	\$ 347
LE-910SI	1	\$ 426
LE-915NI	1	\$ 350
LE-915SI	1	\$ 429
LE-917NP	1	\$ 555
LE-918NI	1	\$ 340
LE-918SI	1	\$ 419
LE-919NI	1	\$ 359
LE-919SI	1	\$ 438
LE-920NI	2*	\$ 360
LE-920SI	2*	\$ 439
LE-925NI	2*	\$ 363
LE-925SI	2*	\$ 442
LE-927NP	2*	\$ 568
LE-928NI	2*	\$ 353
LE-928SI	2*	\$ 432
LE-929NI	2*	\$ 372
LE-929SI	2*	\$ 451
LE-930NI	3	\$ 360
LE-930SI	3	\$ 439
LE-935NI	3	\$ 363
LE-935SI	3	\$ 442
LE-937NP	3	\$ 568
LE-938NI	3	\$ 353
LE-938SI	3	\$ 432
LE-939NI	3	\$ 372
LE-939SI	3	\$ 451
LE-940NI	4	\$ 360
LE-940SI	4	\$ 439
LE-945NI	4	\$ 363
LE-945SI	4	\$ 442
LE-947NP	4	\$ 568
LE-948NI	4	\$ 353
LE-948SI	4	\$ 432
LE-949NI	4	\$ 372
LE-949SI	4	\$ 451

AUTOPRIME™ De-gas

For off-gassing fluids

Liquid End	Size Code	Price
LE-A10AI	1	\$ 415
LE-A10HI	1	\$ 524
LE-A18AI	1	\$ 408
LE-A18HI	1	\$ 517
LE-A20AI	2	\$ 428
LE-A20HI	2	\$ 537
LE-A28AI	2	\$ 421
LE-A28HI	2	\$ 530
LE-A30AI	3	\$ 428
LE-A30HI	3	\$ 537
LE-A38AI	3	\$ 421
LE-A38HI	3	\$ 530
LE-A40AI	4	\$ 428
LE-A40HI	4	\$ 537
LE-A48AI	4	\$ 421
LE-A48HI	4	\$ 530

AUTOPRIME™ (for Roytronic A)

Liquid End	Size Code	Price
LE-910AI	1	\$ 415
LE-910HI	1	\$ 524
LE-918AI	1	\$ 408
LE-918HI	1	\$ 517
LE-920AI	2	\$ 428
LE-920HI	2	\$ 537
LE-928AI	2	\$ 421
LE-928HI	2	\$ 530
LE-930AI	3	\$ 428
LE-930HI	3	\$ 537
LE-938AI	3	\$ 421
LE-938HI	3	\$ 530

*** 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	\$ 440
LE-624VP	2	\$ 440
LE-624PI	2	\$ 467
LE-624PP	2	\$ 467
LE-626VI	2	\$ 437
LE-634VI	3	\$ 440
LE-634VP	3	\$ 440
LE-634PI	3	\$ 467
LE-634PP	3	\$ 467
LE-636VI	3	\$ 437
LE-644VI	4	\$ 440
LE-644VP	4	\$ 440
LE-644PI	4	\$ 467
LE-644PP	4	\$ 467
LE-646VI	4	\$ 437

LIQUIPRO™ Molded

Liquid End	Size Code	Price
LE-312NI	3.0	\$ 417
LE-312SI	3.0	\$ 496
LE-313NI	3.0	\$ 461
LE-313SI	3.0	\$ 540
LE-318NI	3.0	\$ 370
LE-318SI	3.0	\$ 449
LE-352NI	0.5	\$ 284
LE-352SI	0.5	\$ 363
LE-353NI	0.5	\$ 328
LE-353SI	0.5	\$ 407
LE-358NI	0.5	\$ 237
LE-358SI	0.5	\$ 316
LE-362NI	1.8	\$ 299
LE-362SI	1.8	\$ 378
LE-363NI	1.8	\$ 343
LE-363SI	1.8	\$ 422
LE-368NI	1.8	\$ 252
LE-368SI	1.8	\$ 331
LE-392NI	0.9	\$ 299
LE-392SI	0.9	\$ 378
LE-393NI	0.9	\$ 343
LE-393SI	0.9	\$ 422
LE-398NI	0.9	\$ 252
LE-398SI	0.9	\$ 331

LIQUIPRO™ Machined

Liquid End	Size Code	Price
LE-410NI	3.0	\$ 487
LE-410SI	3.0	\$ 566
LE-418NI	3.0	\$ 480
LE-418SI	3.0	\$ 559
LE-419SI	3.0	\$ 580
LE-450NI	0.5	\$ 354
LE-450SI	0.5	\$ 433
LE-455NI	0.5	\$ 357
LE-455SI	0.5	\$ 436
LE-458NI	0.5	\$ 347
LE-458SI	0.5	\$ 426
LE-459SI	0.5	\$ 447
LE-460NI	1.8	\$ 369
LE-460SI	1.8	\$ 448
LE-465NI	1.8	\$ 372
LE-465SI	1.8	\$ 451
LE-468NI	1.8	\$ 362
LE-468SI	1.8	\$ 441
LE-469SI	1.8	\$ 462
LE-490NI	0.9	\$ 369
LE-490SI	0.9	\$ 448
LE-495NI	0.9	\$ 372
LE-495SI	0.9	\$ 451
LE-498NI	0.9	\$ 362
LE-498SI	0.9	\$ 441
LE-499SI	0.9	\$ 462

LIQUIPRO De-gas

For off-gassing fluids

Liquid End	Size Code	Price
LE-D10AI	3.0	\$ 557
LE-D10HI	3.0	\$ 666
LE-D18AI	3.0	\$ 550
LE-D18HI	3.0	\$ 659
LE-D50AI	0.5	\$ 424
LE-D50HI	0.5	\$ 533
LE-D58AI	0.5	\$ 417
LE-D58HI	0.5	\$ 526
LE-D60AI	1.8	\$ 439
LE-D60HI	1.8	\$ 548
LE-D68AI	1.8	\$ 432
LE-D68HI	1.8	\$ 541
LE-D90AI	0.9	\$ 439
LE-D90HI	0.9	\$ 548
LE-D98AI	0.9	\$ 432
LE-D98HI	0.9	\$ 541

Legacy LMI Liquid Ends

Liquid End	Size Code	Price
LE-20HV	3.0	\$ 609
LE-20S	3.0	\$ 631
LE-24	3.0	\$ 549
LE-25HV	3.0	\$ 609
LE-25P	3.0	\$ 583
LE-25T	3.0	\$ 464
LE-26	3.0	\$ 501
LE-26S	3.0	\$ 626
LE-27	3.0	\$ 1,625
LE-30	6.0	\$ 644
LE-30HV	6.0	\$ 746
LE-30S	6.0	\$ 770
LE-34	6.0	\$ 686
LE-35HV	6.0	\$ 746
LE-35P	6.0	\$ 722
LE-35T	6.0	\$ 672
LE-36	6.0	\$ 638
LE-36S	6.0	\$ 764
LE-37	6.0	\$ 1,803
LE-75HV	1.8	\$ 464
LE-76HV	1.8	\$ 464
LE-85HV	0.9	\$ 464
LE-86HV	0.9	\$ 464
LE-155HV	0.5	\$ 451
LE-156HV	0.5	\$ 451
LE-217	3.0	\$ 582
LE-257	0.5	\$ 567
LE-277	1.8	\$ 582
LE-297	0.9	\$ 582

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

ACCESSORIES

Agitators		
Part No.	Description	Price
34504	Agitator, 27" SS Shaft & Impeller, 230V	\$ 593
27591	Agitator, 27" SS Shaft & Impeller, 115V	\$ 576
10590	Agitator, 34" SS Shaft & Impeller, 115V	\$ 595
25290	Agitator, 34" SS Shaft & Impeller, 230V	\$ 604
25292	Agitator, 34" SS Shaft, Neoprene® Impeller, 230V	\$ 697
26579	Flange, Agitator Mounting	\$ 73
26576	Motor, Agitator 115V	\$ 634
26577	Shaft ASM, Agitator 35"	\$ 203

Corp Stop and Nozzle Assembly		
Part No.	Description	Price
49290	1" Mueller Bronze Corp Stop Assembly with PP Nozzle Assembly (replaces P/N 27741)	\$ 347
49288	1" NPT Bronze Corp Stop with PP Nozzle Assembly (replaces P/N 10741)	\$ 388
49287	3/4" NPT Bronze Corp Stop Assembly with CPVC Nozzle Assembly (replaces P/N 10998)	\$ 357
10786-1	COUPLING, 1/2" NPT	\$ 45
30897	Cable ASM, CORP STOP 1" STD	\$ 51
30896	Cable ASM, CORP STOP 3/4	\$ 33
25335	NOZZLE ASM, CORP STOP	\$ 69

Fluoride Saturator		
Part No.	Description	Price
28850	Upflow Fluoride Saturator with 50 Gallon Tank	\$ 2,805
27161	Cover ASM, Saturator	\$ 2,397
10968	Distributor ASM, Saturator	\$ 281
28291	Switch ASM, LEVEL-Saturator	\$ 267
10847-1	Strainer, Fluoride Saturator	\$ 89
10828	Valve, Solenoid	\$ 264

Liquid Level and Low Level Switches		
Part No.	Description	Price
29190	Liquid Level Shutoff Switch for Series B7, C7	\$ 109
27417	LL Switch Asm w/Outlets for P&A - 35 Gal Tank,	\$ 500
26731	LL Switch Asm w/Outlets for P&A - 50 Gal Tank, 115V	\$ 532
26732	LL Switch Asm w/Outlets for P&A - 50 Gal Tank, 230V, US Plug	\$ 553
33510	LL Switch Asm w/Outlets for P&A - 50 Gal Tank, 230V, US Plug	\$ 510
49246	Low Level Shutoff Switch for Excel AD2	\$ 245
49249	Switch, Dual Liquid Level - Excel AD8 & AD9	\$ 300

Tank Assemblies and Accessories		
Part No.	Description	Price
27421	*Tank Assembly, 10 Gallon	\$ 204
27400	*Tank Assembly, 35 Gallon (Flooded Suction)	\$ 500
26900	TANK ASM, Saturator	\$ 362
26350	*Tank Assembly, 50 Gallon	\$ 428
26637	Cover Tank, 50 Gallon	\$ 146
26350-1	*Tank with Cover, Drilled for Agitator	\$ 449
27300	Valve, 1/4 Angle PVC	\$ 214

*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®	\$ 79
57709	MFV Spare Kit, 150 PSI, 1/2" NPT, PTFE	\$ 79
57710	MFV Spare Kit, 250 PSI, 1/2" NPT, Polyprel®	\$ 79
57711	MFV Spare Kit, 250 PSI, 1/2" NPT, PTFE	\$ 79
57706	MFV Retrofit Kit, 150 PSI	\$ 109
57707	MFV Retrofit Kit, 250 PSI	\$ 109
58062	MFV Pro Spare Kit, 150 PSI, 1/2" NPT, Polyprel®	\$ 200
58064	MFV Pro Spare Kit, 250 PSI, 1/2" NPT, Polyprel®	\$ 200
58060	MFV Pro Retrofit Kit, 150 PSI	\$ 230
58061	MFV Pro Retrofit Kit, 250 PSI	\$ 230

Calibration Cylinders		
Part No.	Description	Price
35643	Calibration Cylinder, 200 ml, Sealed Top	\$ 163
35644	Calibration Cylinder, 1000 ml, Sealed Top	\$ 179
35645	Calibration Cylinder, 200 ml, EZ Clean	\$ 124
35710	Calibration Cylinder, 1000 ml, EZ Clean	\$ 172
35861	Calibration Cylinder, 4000 ml, EZ Clean	\$ 372

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	\$ 325
FM-259	Same as FM-250 w/ 3.5mm connector. Replaces FM-200-9	\$ 359
FM-350	For Legacy Liquid Ends with 1/2" Check Balls. Replaces FM-301 & FM-302	\$ 350
FM-359	Same as FM-350 w/ 3.5mm connector. Replaces FM-301-9 & FM302-9	\$ 359
FM-450	For 300 and 400 series LIQUIPRO liquid ends. Replaces FM-PRO	\$ 325
FM-459	Same as FM-450 w/ 3.5 mm connector. Replaces FM-PRO-9	\$ 359
FM-850	For 800 and 900 series Fastprime liquid ends. Replaces FM-ROY	\$ 325
FM-859	Same as FM-850 w/ 3.5mm connect. Replaces FM-	\$ 359
FM-879	Same as FM-850 w/ 4 pin connector. Replaces FM-RO'	\$ 425
33256	Magnet, Digi-pulse	\$ 50
55796	Reed Switch TRANSMITTER W/ 3.5MM CONNEC.	\$ 95
55789	Reed Switch TRANSMITTER W/ 4 PIN CONNECT.	\$ 106
55787	Reed Switch TRANSMITTER W/ FLYING LEADS	\$ 36

Micropace™ Control Modules		
Part No.	Description	Price
MP-100	Analog to Digital converter	\$ 245
MP-400D	4 Digit Divider	Obsolete
MP-500M	4 Digit Multiplier	Obsolete

Remote Programmable Divider		
Part No.	Description	Price
31271	DIVIDER ASM, PD-4	\$ 479

Remote Programmable Flowmeter - Pulsers		
Part No.	Description	Price
RFP-075	0.22 to 22 GPM (0.83 to 83 l/m), 3/4" NPT	\$ 900
59235	Flowmeter, RFP-075	\$ 400
RFP-100	0.44 to 52 GPM (1.7 to 196 l/m), 1" NPT	\$ 1,030
59236	Flowmeter, RFP-100	\$ 800
RFP-150	0.88 to 88 GPM (3.3 to 333 l/m), 1.5" NPT	\$ 1,500
59237	Flowmeter, RFP-150	\$ 980
RFP-200	1.75 to 130 GPM (7.5 to 499 l/m), 2" NPT	\$ 1,856
59238	Flowmeter, RFP-200	\$ 1,500
34566	FLOW CONTROLLER	\$ 740
59239	SENSOR ASM,RFP-075,100,150,200	\$ 143

ACCESSORIES

Suction Check Valves & Assemblies		
Part No.	Description	Price
48684	Suction Check Valve	\$ 45
48681	Suction Check Valve	\$ 56
48679	Suction Check Valve	\$ 77
48676	Suction Check Valve, 728, 738,	\$ 33
48677	Suction Check Valve, 812	\$ 45
48678	Suction Check Valve, 813	\$ 43
48680	Suction Check Valve, 823, 833,	\$ 77
48682	Suction Check Valve, 915	\$ 77
48683	Suction Check Valve, 919	\$ 77
48685	Suction Check Valve, 925, 935	\$ 77
48686	Suction Check Valve, 929, 939,	\$ 77
48768	Suction Check Valve, SS	\$ 163
49163	Valve ASM, SUC	\$ 77
38020	Valve ASM, SUC 1/2" PVC	\$ 36
36421	Valve ASM, SUC 1/2" PVDF	\$ 40
36360	Valve ASM, SUC 1/2" PVDF	\$ 59
36504	Valve ASM, SUC 1/4" NPT	\$ 40
36424	Valve ASM, SUC 1/4" NPT	\$ 42
36366	Valve ASM, SUC 1/4" NPT	\$ 59
38018	Valve ASM, SUC 1/4" PVC	\$ 36
36415	Valve ASM, SUC 1/4" PVDF	\$ 77
37846	Valve ASM, SUC 1/4" PVDF Polyprel	\$ 38
38019	Valve ASM, SUC 3/8" PVC	\$ 36
36354	Valve ASM, SUC 3/8" PVDF	\$ 59
36418	Valve ASM, SUC 3/8" PVDF	\$ 59
10562	Valve ASM, SUC LE-20/21	\$ 47
33482	Valve ASM, SUC LE-22/32/32S	\$ 116
26020	Valve ASM, SUC LE-24	\$ 69
27053	Valve ASM, SUC LE-25HV/76PB	\$ 72
25157	Valve ASM, SUC LE-25T	\$ 60
10564	Valve ASM, SUC LE-26/26S	\$ 47
25412	Valve ASM, SUC LE-26T	\$ 51
26014	Valve ASM, SUC LE-35P	\$ 78
25662	Valve ASM, SUC LE-76/86,	\$ 54
25202	Valve ASM, SUC LE-82T	\$ 40
49088	Valve ASM, SUC PVC/AFL/CER	\$ 36
49090	Valve ASM, SUC PVDF/AFL/CER	\$ 39
49089	Valve ASM, SUC PVDF/AFL/CER	\$ 77
49094	Valve ASM, SUC PVDF/AFL/PTFE	\$ 46
49093	Valve ASM, SUC PVDF/AFL/PTFE	\$ 77
49092	Valve ASM, SUC PVDF/PTFE/CER	\$ 77

Discharge Valve Assemblies		
Part No.	Description	Price
10561	Valve ASM, DIS LE-20	\$ 56.00
30481	Valve ASM, DIS LE-20PB/66PB/76PB/ 86PB	\$ 74.00
33536	Valve ASM, DIS LE-22/32	\$ 77.00
27052	Valve ASM, DIS LE-25HV/76-86PB	\$ 67.00
26013	Valve ASM, DIS LE-25P/35	\$ 91.00
25156	Valve ASM, DIS LE-25T	\$ 78.00
10563	Valve ASM, DIS LE-26	\$ 65.00
25411	Valve ASM, DIS LE-26T	\$ 62.00
26019	Valve ASM, DIS LE-34	\$ 87.00
27530	Valve ASM, DIS LE-37	\$ 290.00
25661	Valve ASM, DIS LE-76/86,	\$ 64.00
25201	Valve ASM, DIS LE-82T	\$ 49.00
49098	Valve ASM, DIS SPRING	\$ 77.00

Seal Rings Kits		
Part No.	Description	Price
10930	Kit, Seal Ring Teflon	\$ 36
25197	Kit, Seal Ring Teflon	\$ 45
10884	Kit, Seal Ring VITON 1/2	\$ 65
10928	Kit, Seal Ring VITON 3/8	\$ 32

Foot Valves & Assemblies		
Part No.	Description	Price
48720	Foot Valve, 812	\$ 65
48724	Foot Valve, 813	\$ 65
48723	Foot Valve, 822, 832, 842	\$ 66
48725	Foot Valve, 823, 833, 843	\$ 66
48718	Foot Valve, 910, X18	\$ 65
49164	Foot Valve, 910A, 918A	\$ 66
48726	Foot Valve, 915	\$ 66
48719	Foot Valve, 919	\$ 65
48721	Foot Valve, 920, 930, 940	\$ 65
49165	Foot Valve, 920A, 928A	\$ 65
48727	Foot Valve, 925, 935, 945	\$ 66
48722	Foot Valve, 929, 939, 949	\$ 66
48873	Foot Valve, 3/8" PVC/TFE	\$ 65
49107	Foot Valve, PP/PTFE/CER, 455	\$ 66
49108	Foot Valve, PP/PTFE/CER, 465, 495	\$ 66
49100	Foot Valve, PVC/AFL/CER, 3/468, 3/498, 460, 490	\$ 65
49099	Foot Valve, PVC/AFL/CER, 358, 450, 458	\$ 56
49101	Foot Valve, PVDF/AFL/CER, 352	\$ 66
49102	Foot Valve, PVDF/AFL/CER, 362, 392	\$ 65
49106	Foot Valve, PVDF/AFL/PTFE, 469, 499	\$ 65
49103	Foot Valve, PVDF/PTFE/CER, 353	\$ 66
49104	Foot Valve, PVDF/PTFE/CER, 363, 393	\$ 66
38271	Valve ASM, Foot	\$ 91
27535	Valve ASM, Foot LE-27/37	\$ 575
36358	Valve ASM, Foot 1/2"	\$ 65
38033	Valve ASM, Foot 1/2"	\$ 65
36419	Valve ASM, Foot 1/2" PVDF Polyprel	\$ 65
36346	Valve ASM, Foot 1/4"	\$ 65
36413	Valve ASM, Foot 1/4"	\$ 66
36502	Valve ASM, Foot 1/4" NPT	\$ 65
36352	Valve ASM, Foot 3/8"	\$ 65
37845	Valve ASM, Foot 3/8" PVDF Polyprel	\$ 65
10153	Valve ASM, Foot LE-20/20S	\$ 97
26021	Valve ASM, Foot LE-24/34	\$ 97
26015	Valve ASM, Foot LE-25P	\$ 97
25154	Valve ASM, Foot LE-25T, 35T	\$ 97
10253	Valve ASM, Foot LE-26/26S	\$ 97
25977	Valve ASM, Foot LE-36	\$ 937
33480	Valve ASM, FT LE-32, 32S	\$ 105

Pressure Relief Valves		
Part No.	Description	Price
35635	Pressure Relief, 1/4" PVC	\$ 255
35636	Pressure Relief, 1/4" PP	\$ 277
35844	Pressure Relief, 1/4" PVDF	\$ 947
35845	Pressure Relief, 1/4" SS	Obsolete
35639	Pressure Relief, 1/2" PVC	\$ 255
35640	Pressure Relief, 1/2" PP	\$ 255
35848	Pressure Relief, 1/2" PVDF	\$ 1,275
35849	Pressure Relief, 1/2" SS	\$ 1,173
35852	Pressure Relief, 1" PVC	\$ 867
35853	Pressure Relief, 1" PP	\$ 761
35854	Pressure Relief, 1" PVDF	\$ 1,530
35855	Pressure Relief, 1" SS	\$ 1,428

Back Pressure Valves		
Part No.	Description	Price
35637	Back Pressure, 1/4" PVC	\$ 298
35638	Back Pressure, 1/4" PP	\$ 613
35846	Back Pressure, 1/4" PVDF	\$ 930
35847	Back Pressure, 1/4" SS	\$ 828
35641	Back Pressure, 1/2" PVC	\$ 248
35642	Back Pressure, 1/2" PP	\$ 262
35850	Back Pressure, 1/2" PVDF	\$ 1,030
35851	Back Pressure, 1/2" SS	\$ 925
35856	Back Pressure, 1" PVC	\$ 845
35857	Back Pressure, 1" PP	\$ 722
35858	Back Pressure 1" PVDF	\$ 1,454
35859	Back Pressure, 1" SS	\$ 1,354

ACCESSORIES

Injection Valves & Assemblies		
Part No.	Description	Price
48731	Injection Valve, 8X2	\$ 61
48732	Injection Valve, 8X3	\$ 77
48728	Injection Valve, 9X0, XX8	\$ 61
48729	Injection Valve, 9X5	\$ 64
48730	Injection Valve, 9X9	\$ 64
38027	Valve ASM, INJ 1/2" PVC	\$ 73
37358	Valve ASM, INJ 1/2" PVDF	\$ 77
37360	Valve ASM, INJ 1/4" NPT	\$ 72
38025	Valve ASM, INJ 1/4" PVC	\$ 61
37354	Valve ASM, INJ 1/4" PVDF	\$ 77
37848	Valve ASM, INJ 1/4" PVDF	\$ 95
27080	Valve ASM, INJ 25HV 75HV	\$ 90
38026	Valve ASM, INJ 3/8" PVC	Obsolete
37356	Valve ASM, INJ 3/8" PVDF	\$ 72
25273	Valve ASM, INJ 71FS 81FS	Obsolete
32514	Valve ASM, INJ Check SS	\$ 86
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	\$ 77
25663	Valve ASM, INJ CK LE-20H	\$ 92
33481	Valve ASM, INJ CK LE-22/32/32S	\$ 104
26716	Valve ASM, INJ CK LE-24/34/24WK/34WK	\$ 117
26710	Valve ASM, INJ CK LE-25P/35P	\$ 128
26758	Valve ASM, INJ CK LE-25T	\$ 92
26751	Valve ASM, INJ CK LE-26	\$ 92
27534	Valve ASM, INJ CK LE-27/37	\$ 689
26713	Valve ASM, INJ CK LE-30/36	\$ 92
32088	Valve ASM, INJ. Check	Obsolete
32515	Valve ASM, Check 316 SS	\$ 69

Valve Seats		
Part No.	Description	Price
10792-1	Valve Seat, .375 X 1/4	\$ 35
26032	Valve Seat, 1/2 NPT PP	\$ 51
26001	Valve Seat, 1/2 NPT PVC	\$ 51
10792	Valve Seat, 1/2 Tubing	\$ 26
31937	Valve Seat, 1/2 Tubing	\$ 47
10492	Valve Seat, 1/2 Tubing PVC	\$ 24
35420	Valve Seat, 1/2" NPT	\$ 194
10492-1	Valve Seat, 1/4 NPT	\$ 26
31561-1	Valve Seat, 1/4 NPT PVDF	\$ 51
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	\$ 30
10978	Valve Seat, PP	Obsolete
25649	Valve Seat, PP	\$ 28
30383	Valve Seat, PVC	Obsolete
26839	Valve Seat, PVDF 3/8 TUB	Obsolete
25106	Valve Seat, SUC PP 1/2	\$ 32
10206	Valve Seat, Suction PVC	\$ 21

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	\$ 37
10482	PP, .375" O.D. Tubing x 1/4" NPT M	\$ 7
10804	PP, .5" O.D. Tubing x 1/2" NPT M	\$ 37
10895	PVC, .5" O.D. Tubing x 1/2" NPT M	\$ 37
77382	Tubing Connection Kit, 1/4"	\$ 14
77383	Tubing Connection Kit, 3/8"	\$ 14
77384	Tubing Connection Kit, 1/2"	\$ 14
77378	Tubing Connection Kit, 3X6MM	\$ 14
77379	Tubing Connection Kit, 6X8MM	\$ 14
77380	Tubing Connection Kit, 9X12MM	\$ 14
48378	Coupling Nut for Tubing Connection System	\$ 6
28896	Connector ASM,	Obsolete
25650	Connector, 1/2 NPT	\$ 29
10833	Connector, 3/8 Tube PP	\$ 19
28804	Connector, Tubing	Obsolete
50618	Coupling nut, PP, Tubing Containment Kit 1/4" & 3/8"	\$ 82
49216	Right Angle adapter for Autoprime™ LE accessories	\$ 97

AutoPrime Valve Components		
Part No.	Description	Price
48707	Autoprime Discharge Cartridge	\$ 35
48706	Autoprime Discharge Cartridge	\$ 43
48704	Autoprime Discharge Check	\$ 77
48705	Autoprime Discharge Check	\$ 77
48709	Autoprime Shuttle Cartridge	\$ 66
48708	Autoprime Shuttle Valve	\$ 80

FastPrime Valve Components		
Part No.	Description	Price
48767	Discharge Check Valve, SS	\$ 137
48551	Fastprime Cartridge Valve, 915	\$ 22
48549	Fastprime Cartridge Valve, 920	\$ 22
48552	Fastprime Cartridge Valve, 925	\$ 22
48698	Fastprime Cartridge Valve, 929	\$ 22
48848	Fastprime Valve xx8, 9x0	\$ 45
48699	Fastprime Valve, 8X2, 9X9	\$ 37
48700	Fastprime Valve, 8X3	\$ 34
48701	Fastprime Valve, 9X5	\$ 39
48670	Fastprime Discharge CV	\$ 44
48672	Fastprime Discharge CV	\$ 77

Valve Housings		
Part No.	Description	Price
10793-1	Valve Housing, .375 X	\$ 40
25173	Valve Housing, .500 X 1/2 PP	\$ 35
10793	Valve Housing, 1/2	\$ 29
26033	Valve Housing, 1/2 NPT	\$ 54
10493	Valve Housing, 1/2 Tubing PVC	\$ 23
10273	Valve Housing, 1/2 Tubing PVC	\$ 24
31562	Valve Housing, 1/2 Tubing PVDF	\$ 42
35585	Valve Housing, 1/2" NPT	\$ 113
31938	Valve Housing, 1/2" Tubing	\$ 54
28665	Valve Housing, 1/4	Obsolete
28883	Valve Housing, 1/4	Obsolete
10493-1	Valve Housing, 1/4 NPT	\$ 28
31562-1	Valve Housing, 1/4 NPT	\$ 54
10393	Valve Housing, 3/8	Obsolete
10293	Valve Housing, 3/8 OD Tubing PVC	Obsolete
31332	Valve Housing, BARBED PP	\$ 26
30375	Valve Housing, PVC	Obsolete
26840	Valve Housing, PVDF 3/8	Obsolete
25199	Valve Housing, UHMWPE	\$ 61
26024	Valve, 1/2 NPT PVC	\$ 56

Tubing*		
Part No.	Description	Price
25636-500	Tubing PE, .250 OD X .062, 500 FEET	\$ 531
28636-500	Tubing PE, .250 OD X .062, 500 FEET	\$ 565
25636-16	Tubing PE, .250 X .062, 16 FEET	\$ 21
27342-500	Tubing PE, .375 OD X .062, 500 FEET	\$ 672
27142-500	Tubing PE, .500 OD X .062, 500 FEET	\$ 604
10469-500	Tubing VINYL, .375 OD X .062, 500 FT	\$ 508
10469-06	Tubing VINYL, .375 OD X .062, 6 FEET	\$ 8
25651-50	Tubing VINYL, .938 OD X .15, 50 FT	\$ 528
10342-500	Tubing, .375 OD X .062 PE, 500 FEET	\$ 508
10142-500	Tubing, .500 OD X .062 PE, 500 FEET	\$ 540
10141-500	Tubing, .500 OD X .062 VINYL, 500 FEET	Obsolete
54783	Tubing, UV Kit, 1/4"	Obsolete
54784	Tubing, UV Kit, 3/8"	\$ 51

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

Cords & Cordsets		
Part No.	Description	Price
30926	Cord ASM, 115V	\$ 51
26293	Cord ASM, 115V B & C	\$ 51
29033CE	Cord ASM, 115V CE	\$ 51
26297	Cord ASM, 220-250V DIN B	\$ 30
29788	Cord ASM, 240V	\$ 31
48851	Cord, POWER USA 120V	\$ 51
48231	Cord, POWER USA 120V	Obsolete
48852	Cord, POWER USA 230V	\$ 51
48414	Cordset, 5-PIN REVERSE KEY	\$ 71
48414	Cordset, 5 pin, 2M / 6.6 FT	\$ 71
49035	Cordset, 6 pin, 2M / 6.6 FT	\$ 92
48488	Cordset, Adapter, Old 4 pin to 5 pin	\$ 66
57958	Cable Adapter, MP-100 for PD7	\$ 87

ACCESSORIES

Connectors & Cable Assemblies		
Part No.	Description	Price
49253	3 Pin Connector (4 Pin standard key)	\$ 87
33796	Cable ASM, 4 PIN/4 WIRE	\$ 50
33738	Cable ASM, 8 PIN/8WIRE	\$ 44
33833	Cable ASM, HALL EFFECT	\$ 89
31277	Connector ASM, 8 PIN	\$ 33
25643	Connector FEMALE, Cable 4-PIN	\$ 13
25644	Connector MALE, Cable 4-PIN	\$ 26
48490	Connector, 5-PIN REVERSE KEY	\$ 56
50503-15	EXTENSION Cable, 15 M / 49.2FT	\$ 245
50503-6	EXTENSION Cable, 6 M / 19.7FT	\$ 143
26034-20	Cable Asm, 4-Pin Extension 20'	\$ 92
26034-50	Cable Asm, 4-Pin Extension 50'	\$ 153
31396-25	Cable Asm, 8-Pin Extension 25'	\$ 332
50703	Cable ASM, Hall Effect - EXCEL AD9	\$ 163
50503-6	5 Pin Extension Cable, 6 M / 19.7 FT	\$ 143
50684-6	6 Pin Extension Cable, 6 M / 19.7 FT	\$ 200

Control Panel Assemblies		
Part No.	Description	Price
48594	Control Panel AD2	\$ 200
50663	PULSER ASM, AD2	\$ 428
48595	Control Panel AD8	\$ 217
50664	PULSER ASM, AD8	\$ 459
48596	Control Panel AD9	\$ 227
50665	PULSER ASM, AD9	\$ 566
33212	Control Panel ASM, 230V	\$ 675
36229	Control Panel ASM, B121, B131, B141	\$ 414
33211	Control Panel ASM, B7/C7	\$ 618
34093	Control Panel ASM, B711	\$ 618
35895CE	Control Panel ASM, B92/B93/B94 115V	\$ 1,507
36237	Control Panel ASM, C101/C111	\$ 426
36240	Control Panel ASM, C121	\$ 365
36243	Control Panel ASM, C131	\$ 426
36246	Control Panel ASM, C141	\$ 385
33814	Control Panel ASM, C701/C711	\$ 547
33816	Control Panel ASM, C721	\$ 877
33817	Control Panel ASM, C72x	\$ 703
33818	Control Panel ASM, C731	\$ 703
33819	Control Panel ASM, C73x	\$ 703
33821	Control Panel ASM, C74x	\$ 703
33822	Control Panel ASM, C781	\$ 703
33823	Control Panel ASM, C78x	\$ 703
35960CE	Control Panel ASM, C901/C911 115V	\$ 1,106
35962CE	Control Panel ASM, C921 115 V	\$ 1,106
35964CE	Control Panel ASM, C931 115V	\$ 1,106
35966CE	Control Panel ASM, C941 115V	\$ 1,106
33820	Panel ASM, CONTROL	\$ 765
36256	Panel W/NAMEPLATE, B1/C1	\$ 37
10627	Varistor ASM, 220-250V	\$ 13
31255	Varistor ASM, 240V	\$ 12
31898	STROKE ADJ ASM, B SERIES	\$ 91
36254	PULSER, FIXED	\$ 118

EPU & Spacers		
Part No.	Description	Price
26893	EPU & Spacer ASM, "B"	\$ 583
26893CE	EPU & Spacer ASM, "B"	\$ 583
26897	EPU & Spacer ASM, "B"	\$ 583
32534CE	EPU & Spacer ASM, "C"	\$ 956
32536CE	EPU & Spacer ASM, "C"	\$ 956
32534	EPU & Spacer ASM, "C" 1.8SI 120V	\$ 956
32536	EPU & Spacer ASM, "C" 3.0SI 120V	\$ 956
32329	EPU & Spacer ASM, C771	\$ 1,195
30240	EPU ASM W/DISK, 0.5	\$ 328
30107	EPU ASM W/DISK, 0.5	\$ 328
30242	EPU ASM W/DISK, 0.9	\$ 328
32158CE	EPU ASM, 120V C7 C9 CE	\$ 774
32314	EPU ASM, 120V C781	\$ 1,195
32158	EPU ASM, 120V, CX01,CX11	\$ 774
32159	EPU ASM, 220/240V	\$ 774
30154	EPU ASM, 3.0 82 OHMS	\$ 328
32239	EPU ASM, C761/C771	\$ 1,195
31929CE	EPU W/STROKE ADJ, "B"	\$ 504
31927CE	EPU W/STROKE ADJ, "B"	\$ 583
31927	EPU W/STROKE ADJ, "B" 0.9 115V (D SHAFT)	\$ 583
31929	EPU W/STROKE ADJ, "B" 1.8 115V (D SHAFT)	\$ 583
30155	EPU, 3.0 330 OHMS	\$ 239
30531	EPU, 3.0 313 OHMS 240V	\$ 347
31862	EPU, 3.0 82 OHMS	\$ 231
30530	EPU, 3.0 82 OHMS 120 V	\$ 328
35394	Spacer W/PLUG 5X5 1.8	\$ 80
35395	Spacer W/PLUG 5X5 3.0	\$ 80
35837	Spacer, 0.9 W/O Bosses	\$ 78
35838	Spacer, 1.8 W/O Bosses	\$ 117
27516	Spacer, 1.8SI 4.2C	\$ 134
35839	Spacer, 3.0 W/O Bosses	\$ 111
27517	Spacer, 3.0SI 4.2C	\$ 78
36905	Spacer, FM-PRO	\$ 18

Seal Ring Kits		
Part No.	Description	Price
25197	Kit, Seal Ring PTFE 1/2" Ball	\$ 45
10930	Kit, Seal Ring , PTFE 3/8" Ball	\$ 36
10884	Kit, Seal ring, Viton® 1/2" Ball	\$ 65
10928	Kit, Seal ring, Viton® 3/8" Ball	\$ 32
29570	Kit, Seal Ring, Polyprel® 3/8" Ball	\$ 44

Accessories		
Part No.	Description	Price
10461	Pump Mounting Kit	\$ 29
34643	Polypropylene Wall Bracket Asm w/ mounting hardware	\$ 87
48603	Clear Cover for EXCEL™ AD	\$ 17
37144	Kit, Hastelloy C head screws [4], 10-24 x 0.75	\$ 130

ACCESSORIES

Heads		
Part No.	Description	Price
28390	Head, 0.5 Acrylic	\$ 193
38571	Head, 0.5 Acrylic HV	\$ 267
38571-1	Head, 0.5 Acrylic HV	\$ 377
38578	Head, 0.5 Machined	\$ 179
38579	Head, 0.5 Machined PVC	\$ 163
37750	Head, 0.5 Molded PVC	\$ 69
37980	Head, 0.5 Molded PVDF(DEEP COR	\$ 104
28391	Head, 0.5 PP	\$ 282
38572	Head, 0.5 PP HV	\$ 232
38572-1	Head, 0.5 PP HV	\$ 345
29609	Head, 0.5 PVDF	\$ 115
32506	Head, 0.5 SS 316	\$ 394
38568	Head, 0.9 Acrylic HV	\$ 193
25550	Head, 0.9 Acrylic HV	\$ 213
38568-1	Head, 0.9 Acrylic HV	\$ 226
38561	Head, 0.9 Machined	\$ 179
38562	Head, 0.9 Machined PVC	\$ 149
37752	Head, 0.9 Molded PVC	\$ 80
38569-1	Head, 0.9 PP HV	\$ 228
38569	Head, 0.9 PP HV	\$ 240
26050-1	Head, 0.9 PP HV	\$ 336
29611	Head, 0.9 PVDF	\$ 164
32507	Head, 0.9 SS 316	\$ 447
38592	Head, 1.8 Acrylic HV	\$ 200
38592-1	Head, 1.8 Acrylic HV	\$ 236
38595	Head, 1.8 Acrylic MACH	\$ 206
37742	Head, 1.8 Machined PVC	\$ 267
37754	Head, 1.8 Molded PVC	\$ 133
38593	Head, 1.8 PP HV	\$ 211
26040	Head, 1.8 PP HV	\$ 262
38593-1	Head, 1.8 PP HV	\$ 290
38596	Head, 1.8 PVC Machined	\$ 210
27214	Head, 1.8 PVDF	\$ 133
32508	Head, 1.8 SS 316	\$ 510
27511	Head, 1.8 UHMWPE SLURRY	\$ 244
27394	Head, 3.0 316 SS	\$ 1,583
10524	Head, 3.0 Acrylic	\$ 283
10524-3	Head, 3.0 Acrylic	\$ 294
37745	Head, 3.0 Machined PVC	\$ 235
37756	Head, 3.0 Molded PVC	\$ 148
10681	Head, 3.0 PP	\$ 370
10681-4	Head, 3.0 PP	\$ 534
10681-3	Head, 3.0 PP HV	\$ 321
10525	Head, 3.0 PVC	\$ 283
31053	Head, 3.0 PVDF Molded	\$ 175
32509	Head, 3.0 SS 316	\$ 425
25718	Head, 6.0 Acrylic	\$ 478
25906	Head, 6.0 PP	\$ 332
25906-3	Head, 6.0 PP HV	\$ 383
25905	Head, 6.0 PVC	\$ 332
48429	Head, Autoprime SC3 PVC	\$ 179
48743	Head, Autoprime, 0.5 ACL	\$ 195
48744	Head, Autoprime, 0.9 ACL	\$ 237
48745	Head, Autoprime, 1.8 ACL	\$ 188
48748	Head, Autoprime, 1.8 PVC	\$ 264
50529	Head, Autoprime, 3.0 ACL	\$ 319
50530	Head, Autoprime, 3.0 PVC	\$ 195
48422	Head, Autoprime, SC1 ACL	\$ 308
48423	Head, Autoprime, SC1 PVC	\$ 157
48425	Head, Autoprime, SC2 ACL	\$ 195
48426	Head, Autoprime, SC2 PVC	\$ 189
48428	Head, Autoprime, SC3 ACL	\$ 265
48431	Head, Autoprime, SC4 ACL	\$ 287
48432	Head, Autoprime, SC4 PVC	\$ 170

Heads		
Part No.	Description	Price
36156	Head, Machined 0.5 Acrylic	\$ 210
36157	Head, Machined 0.9	\$ 162
36159	Head, Machined 3.0	\$ 243
49329	Head, Machined SC2 HV Acrylic	\$ 169
49332	Head, Machined SC2 HV Ported PP	\$ 356
49331	Head, Machined SC2 HV PP	\$ 152
49334	Head, Machined SC3 HV Acrylic	\$ 207
49337	Head, Machined SC3 HV Ported PP	\$ 356
49336	Head, Machined SC3 HV PP	\$ 152
49339	Head, Machined SC4 HV Acrylic	\$ 170
49342	Head, Machined SC4 HV Ported PP	\$ 356
49341	Head, Machined SC4 HV PP	\$ 152
48214	Head, Machined, SC1 ACL	\$ 155
48216	Head, Machined, SC1 PP	\$ 190
48218	Head, Machined, SC2 ACL	\$ 161
48220	Head, Machined, SC2 PP	\$ 166
48219	Head, Machined, SC2 PVC	\$ 124
48222	Head, Machined, SC3 ACL	\$ 289
48224	Head, Machined, SC3 PP	\$ 173
48226	Head, Machined, SC4 ACL	\$ 175
36128	Head, Molded 3.0 PVDF	\$ 197
48363	Head, Molded Fastprime SC2	\$ 84
48364	Head, Molded Fastprime SC2	\$ 90
48366	Head, Molded Fastprime SC3	\$ 133
48367	Head, Molded Fastprime SC3	\$ 146
48370	Head, Molded Fastprime SC4	\$ 132
48369	Head, Molded Fastprime SC4	\$ 137
48471	Head, SC1, 316 SS	\$ 425
48472	Head, SC2, 316 SS	\$ 415
48473	Head, SC3, 316 SS	\$ 425
48474	Head, SC4, 316 SS	\$ 425

Pump Housings		
Part No.	Description	Price
28970	Housing ASM, 115V B7 BE	\$ 211
49031	Housing ASM, 120 V	Obsolete
28983	Housing ASM, 220-240V	\$ 225
35949CE	Housing ASM, B9X1/C9X1	\$ 227
35956CE	Housing ASM, B9X6/C9X6	\$ 244
32405	Housing ASM, C7X6	\$ 235
28925	Housing LESS WIRES	\$ 129
35398	Housing, 5 X 5 W/PG9	\$ 122
48599	Housing, AD	\$ 282
29256	Housing, B1 SERIES	\$ 182
35890	Housing, B9/C9	\$ 259
35404	Housing, LESS WIRES	\$ 217

Liquiframs		
Part No.	Description	Price
30916	Liquifram, 0.5 Fluorfilm	\$ 82
30917	Liquifram, 0.9 Fluorfilm	\$ 87
31420	Liquifram, 1.8 Fluorfilm	\$ 92
31419	Liquifram, 3.0 Fluorfilm (NON FABRIC)	\$ 97
25719	Liquifram, 6.0 Fluorfilm (NON FABRIC)	\$ 133
55322	Liquifram, SC0 Fluorfilm	\$ 82
48186	Liquifram, SC1	\$ 82
48187	Liquifram, SC2	\$ 87
48188	Liquifram, SC3	\$ 92
48189	Liquifram, SC4	\$ 97

**VOLUME SPARES
SOLD IN QTY MULTIPLIES SPECIFIED**

Balls			
Part No.	Description	QTY	Price
26323	Ball GUIDE, .500 DIA	10	\$ 80
26025	Ball, .188 Teflon	10	Obsolete
10338	Ball, .375 Ceramic	10	\$ 40
10659	Ball, .375 SS	10	\$ 50
10444	Ball, .375 Teflon	10	\$ 50
10138	Ball, .500 Ceramic	10	\$ 90
25042	Ball, .500 SS	10	\$ 50
10601	Ball, .500 Teflon	10	\$ 70

Bushings			
Part No.	Description	QTY	Price
27301	Bushing, .375 ID X .375	10	\$ 80
25344	Bushing, .71ID X .75OD X .75 NY	10	\$ 30
32862	Bushing, SHAFT AXIS	10	Obsolete

Cartridges			
Part No.	Description	QTY	Price
36303	Cartridge ASM, .281	10	\$ 330
36304	Cartridge ASM, .281	10	\$ 330
36307	Cartridge ASM, .375 [PVDF/POLYPREL]	10	\$ 220
36306	Cartridge ASM, .375 [PVDF/Teflon]	10	\$ 330
37857	Cartridge ASM, .375 PVC/POLYPREL	10	\$ 220
49097	Cartridge SUB ASM, Spring	10	\$ 350
37334	Liquid End Cartridge	10	\$ 220
37337	Liquid End Cartridge	10	\$ 220
37858	Liquid End Cartridge	10	\$ 220
37859	Liquid End Cartridge	10	\$ 220
37335	Liquid End Cartridge	10	\$ 270
37338	Liquid End Cartridge	10	\$ 270
48545	Cartridge Valve, 915, 813	10	\$ 220
48543	Cartridge Valve, 920, 930, 940	10	\$ 220
48546	Cartridge Valve, 925, 935, 945	10	\$ 220
48692	Cartridge Valve, 929, 939, 949	10	\$ 220
48795	Injection VLV Cartridge	10	\$ 220

Connectors			
Part No.	Description	QTY	Price
27397	CONNECTOR, MALE 35	10	\$ 90

Liquid End Adapter Disks			
Part No.	Description	QTY	Price
29445	Disk, 0.5	10	\$ 80
29437	Disk, 0.9	10	\$ 70
48167	Disk, LE Adapter SC1	10	\$ 80
48168	Disk, LE Adapter SC2	10	\$ 90
48169	Disk, LE Adapter SC3	10	\$ 70
48170	Disk, LE Adapter SC4	10	\$ 70

Ferrules			
Part No.	Description	QTY	Price
50508	Ferrule 1/4" ferrule kit (50 pcs)	50*	\$ 56
50509	Ferrule 3/8" ferrule kit	50*	\$ 112
50510	Ferrule 1/2" ferrule kit	50*	\$ 112

Gaskets			
Part No.	Description	QTY	Price
30803	Gasket, NEOPRENE	10	\$ 10
34118	Gasket, PACK JOINT	10	\$ 70
34115	Gasket, PACK JOINT	10	\$ 40
10465	GROMMET, .25 X .56 NEOPRENE	10	\$ 10

Labels			
Part No.	Description	QTY	Price
30643	Label COVER, CLEAR	50	\$ 50
35184	Label SET, SILVER (BLANK)	50	\$ 100
28410	Label, MODEL # FIELD	10	\$ 30

Knobs and Stroke Dials			
Part No.	Description	QTY	Price
31891	KNOB ASM, "B" SERIES	10	\$ 120
30709	KNOB, PUSH-ON	10	\$ 80
27097	STICKER, Stroke Dial DX4	10	\$ 60
25882	Stroke Dial, BX1	10	\$ 60
32465	Stroke Dial, CX1	10	\$ 60
32466	Stroke Dial, CX2/CX6	10	\$ 60
32467	Stroke Dial, CX3	10	\$ 70

Boxes and Packing Inserts			
Part No.	Description	QTY	Price
30414	Box, "U" AND "P" PUMP	10	\$ 90
37394	Box, 15 1/8 X 10 5/8 X 10 13/16 BROWN PRIN	10	\$ 160
27226	Box, 20 1/4 X 20 1/4 X 31	10	\$ 560
25299	Box, OUTER 12 X 9 X 11	10	\$ 110
25970	Box, Tank 50 GALLON	10	\$ 720
31032	INSERT, "B" SERIES	10	\$ 40
25301	INSERT, PACKING PSF	10	\$ 170

Brackets			
Part No.	Description	QTY	Price
10746	BRACKET, PUMP HOLD-DOWN	10	\$ 110

Cap Plug Assemblies			
Part No.	Description	QTY	Price
36280	Cap ASM, A/S	10	\$ 430
36260	Cap ASM, Relief	10	\$ 430
25985	Cap ASM, Tank	10	\$ 180
10437	Cap, Plug .516 OD PE	10	\$ 10
27039	Cap, Plug 5.25OD PE	10	\$ 50
26779	Cap, Plug PE Black 10 GAL Tank	10	\$ 20
25125	Cap, SLEEVE .69OD PE	10	\$ 10
25630	Cap, Tube	10	\$ 10
34114	Plug, Audio 3.5 MM	10	\$ 30
10436	Plug, Cap .375 OD, PE (Yellow)	10	\$ 10
30744	Plug, Cap 1-14	10	\$ 10
10346	Plug, PE (Black)	10	\$ 10
25648	Plug, 3/4 - 16 PP Yellow	10	\$ 20

Tubing and Hose Clamps			
Part No.	Description	QTY	Price
37203	Clamp Ring, 1/2" Tubing SST	50	\$ 100
26136	Clamp Ring, 3/8 OD Tubing	50	\$ 100
25652	Clamp, Hose	10	\$ 60

Coupling Nuts and Relief Tubing Nuts			
Part No.	Description	QTY	Price
10411	Coupling Nut, PP 1/2	10	\$ 80
10299	Coupling Nut, PP 3/8	10	\$ 60
25628	Nut, 6-32 X HEX SS	10	\$ 30
25631	Nut, Relief Tubing	10	\$ 40

Plastic Dowel			
Part No.	Description	QTY	Price
28898	DOWEL, PLASTIC .250 OD X 1.75L	10	\$ 20

Fittings			
Part No.	Description	QTY	Price
48791	Fitting DBL Ball w/ O-Ring, PVC/Polyprel®	10	\$ 180
48792	Fitting DBL Ball w/ O-Ring, PVDF/Polyprel®	10	\$ 180
48793	Fitting DBL Ball w/ O-Ring, PVDF/PTFE	10	\$ 180
48794	Fitting DBL Ball w/ O-Ring, Polyprel®/PTFE	10	\$ 180
48787	Fitting SGL Ball w/ O-Ring, PVC/Polyprel®	10	\$ 160
48788	Fitting SGL Ball w/ O-Ring, PVDF/Polyprel®	10	\$ 160
48789	Fitting SGL Ball w/ O-Ring, PVDF/PTFE	10	\$ 160
48790	Fitting SGL Ball w/ O-Ring, Polyprel®/PTFE	10	\$ 160
37763	Fitting with Washer	10	\$ 180
37765	Fitting with Washer	10	Obsolete
37767	Fitting with Washer	10	Obsolete
37769	Fitting with Washer	10	\$ 180
37117	Fitting with Washer, 1/2" Tubing PVDF (CART)	10	\$ 240
37119	Fitting with Washer, 1/4" NPT PVDF (CART)	10	\$ 240
37113	Fitting with Washer, 1/4" Tubing PVDF (CART)	10	\$ 240
37115	Fitting with Washer, 3/8" Tubing PVDF (CART)	10	\$ 240
48617	Fitting, Injection VLV, PVC	10	\$ 180
48618	Fitting, Injection VLV, PVDF	10	\$ 270
26841	Fitting, Injector	10	Obsolete
25108	Fitting, Injector 1/2 PP	10	\$ 300
10394	Fitting, Injector 3/8 PP	10	Obsolete
10294	Fitting, Injector PVC	10	Obsolete
37351	Fitting, Liquipro	10	\$ 300

Liquid End Hardware			
Part No.	Description	QTY	Price
49109	Liquid End Hardware, 4XX, DXX	10	\$ 70
48703	Liquid End Hardware, 7XX, 8XX	10	\$ 70
48702	Liquid End Hardware, 9XX	10	\$ 70

**VOLUME SPARES
SOLD IN QTY MULTIPLIES SPECIFIED**

Seal Rings & Retaining Rings			
Part No.	Description	QTY	Price
48313	RETAINING Ring, 8MM	10	\$ 50
34116	Ring, ANTI-FRICTION	10	\$ 50
10422	Ring, RETAINING	10	\$ 10
27253	Ring, RETAINING EXT 3/8	10	\$ 10
10407	Ring, Seal .375 Teflon	10	\$ 60
10207	Ring, Seal .375 VITON	10	\$ 90
25128	Ring, Seal .500 Teflon	10	\$ 150
10228	Ring, Seal .500 VITON	10	\$ 130

Springs			
Part No.	Description	QTY	Price
27034	Spring & PAD ASM, D	10	\$ 20
25558	Spring, .42 X .24 X 1.0	10	\$ 60
37539	Spring, CLEAR PVDF	10	\$ 160
30348	Spring, COATED	10	\$ 370
37341	Spring, COMPRESSION	10	\$ 50
37349	Kit, REPLACEMENT, Spring LOADED Liquipro II	10	\$ 130

Coupling Knobs			
Part No.	Description	QTY	Price
48646	Coupling KNOB, 4FV	10	\$ 60
48646	Coupling KNOB, 4FV	10	\$ 60
36204	Coupling, Foot Valve PP	10	\$ 190

Other			
Part No.	Description	QTY	Price
27401	NIPPLE, 1/4 CLOSE PVC	10	\$ 70
35744	PIN, DUAL	10	\$ 40
35743	SHAFT, SPEED ADJ	10	\$ 40
10322	WEIGHT, SUCTION Tubing	10	\$ 60
48622	4FV Bleed Nut - Roytronic	10	\$ 60
27352	FLAPPER Valve,	10	\$ 70
10123	STRAINER, Foot Valve PP	10	\$ 70

O-Rings			
Part No.	Description	QTY	Price
36103	O-Ring, .549 ID X .103 W POLYPREL	10	\$ 30
33264	O-Ring, .674 ID X .103 W POLYPREL	10	\$ 20
26983	O-Ring, .937 ID X .139 W	10	\$ 50
34497	O-Ring, 0.25ID x 0.437OD	10	\$ 10
48347	O-Ring, 2-008 80D AFLAS	10	\$ 10
48349	O-Ring, 2-111, 80DUR AFLAS	10	\$ 30
10166	O-Ring, 3.989 ID X .070 W BUNA N	10	\$ 60
35269	O-Ring, 4.984 ID X .139	10	\$ 100
48590	O-Ring, PTFE, 2-007, WHITE	10	\$ 10
48591	O-Ring, PTFE, 2-111	10	\$ 30
48589	O-Ring, PTFE, 2-113	10	\$ 30

Screws			
Part No.	Description	QTY	Price
30856	SCREW, 10-24 1.25L SS	10	\$ 20
10598	SCREW, 10-24 X .625 PH SS	10	\$ 10
10340	SCREW, 10-24 X .75 PH SS	10	\$ 20
25127	SCREW, 10-24 X 4.5 RH SS	10	\$ 60

Shims			
Part No.	Description	QTY	Price
32654	SHIM, .020 THICK 4.2	10	\$ 70
27586	SHIM, 3.5S 4.2C NY	10	\$ 10

Stud Assemblies			
Part No.	Description	QTY	Price
27641-1	STUD ASM, 3.0 SI 4.2C	10	\$ 80
27641	STUD ASM, 3.5 SI 4.2C	10	\$ 90

Varistor			
Part No.	Description	QTY	Price
10626	VARISTOR ASM, 115V	10	\$ 80

Washers			
Part No.	Description	QTY	Price
38490	Washer, FLAT #10 SS 316	10	\$ 10
30970	Washer, PLUNGER ASM	10	\$ 50
36107	Washer, Cartridge Valve	10	\$ 10

PARTS by Number

Part Number	Description	UM	Price	Part Number	Description	UM	Price
10123	STRAINER, FOOT VALVE PP	EA	\$ 7.00	25631	NUT, RELIEF TUBING	EA	\$ 4.00
10138	BALL, .500 CERAMIC	EA	\$ 9.00	25643	CONNECTOR FEMALE, CABLE 4-PIN	EA	\$ 13.00
10153	VALVE ASM, FOOT LE-20/20S	EA	\$ 97.00	25644	CONNECTOR MALE, CABLE 4-PIN	EA	\$ 26.00
10166	O-RING, 3.989 ID X .070 W Buna N	EA	\$ 6.00	25648	PLUG, 3/4 - 16 PP YELLOW	EA	\$ 2.00
10206	VALVE SEAT, SUCTION PVC	EA	\$ 21.00	25649	VALVE SEAT, PP	EA	\$ 28.00
10207	RING, SEAL .375 VITON	EA	\$ 9.00	25650	CONNECTOR, 1/2 NPT	EA	\$ 29.00
10228	RING, SEAL .500 VITON	EA	\$ 13.00	25652	CLAMP, HOSE	EA	\$ 6.00
10253	VALVE ASM, FOOT LE-26/26S	EA	\$ 97.00	25661	VALVE ASM, DIS LE-76/86,	EA	\$ 64.00
10273	VALVE HOUSING, 1/2 TUBING PVC	EA	\$ 24.00	25662	VALVE ASM, SUC LE-76/86,	EA	\$ 54.00
10292	VALVE SEAT, 3/8 OD TUB PVC	EA	Obsolete	25663	VALVE ASM, INJ CK LE-20H	EA	\$ 92.00
10293	VALVE HOUSING, 3/8 OD TUBING PVC	EA	Obsolete	25687	VALVE ASM, INJ CK	EA	Obsolete
10294	FITTING, INJECTOR PVC	EA	Obsolete	25718	HEAD, 6.0 ACRYLIC	EA	\$ 478.00
10299	COUPLING NUT, PP 3/8	EA	\$ 6.00	25719	LIQUIFRAM, 6.0 FLUOROFILM (NON FABRIC)	EA	\$ 133.00
10322	WEIGHT, SUCTION TUBING	EA	\$ 6.00	25882	STROKE DIAL, BX1	EA	\$ 6.00
10338	BALL, .375 CERAMIC	EA	\$ 4.00	25905	HEAD, 6.0 PVC	EA	\$ 332.00
10340	SCREW, 10-24 X .75 PH SS	EA	\$ 2.00	25906	HEAD, 6.0 PP	EA	\$ 332.00
10346	PLUG, PE (BLACK)	EA	\$ 1.00	25970	BOX, TANK 50 GALLON	EA	\$ 72.00
10392	VALVE SEAT, 3/8 TUBING	EA	Obsolete	25977	VALVE ASM, FOOT LE-36	EA	\$ 93.00
10393	VALVE HOUSING, 3/8	EA	Obsolete	25985	CAP ASM, TANK	EA	\$ 18.00
10394	FITTING, INJECTOR 3/8 PP	EA	Obsolete	26001	VALVE SEAT, 1/2 NPT PVC	EA	\$ 51.00
10407	RING, SEAL .375 TEFLON	EA	\$ 6.00	26013	VALVE ASM, DIS LE-25P/35	EA	\$ 91.00
10411	COUPLING NUT, PP 1/2	EA	\$ 8.00	26014	VALVE ASM, SUC LE-35P	EA	\$ 78.00
10422	RING, RETAINING	EA	\$ 1.00	26015	VALVE ASM, FOOT LE-25P	EA	\$ 97.00
10436	PLUG, CAP .375 OD, PE (YELLOW)	EA	\$ 1.00	26019	VALVE ASM, DIS LE-34	EA	\$ 87.00
10437	CAP, PLUG .516 OD PE	EA	\$ 1.00	26020	VALVE ASM, SUC LE-24	EA	\$ 69.00
10444	BALL, .375 TEFLON	EA	\$ 5.00	26021	VALVE ASM, FOOT LE-24/34	EA	\$ 97.00
10465	GROMMET, .25 X .56 NEOPRENE	EA	\$ 1.00	26024	VALVE, 1/2 NPT PVC	EA	\$ 56.00
10492	VALVE SEAT, 1/2 TUBING PVC	EA	\$ 24.00	26025	BALL, .188 TEFLON	EA	Obsolete
10493	VALVE HOUSING, 1/2 TUBING PVC	EA	\$ 23.00	26032	VALVE SEAT, 1/2 NPT PP	EA	\$ 51.00
10524	HEAD, 3.0 ACRYLIC	EA	\$ 283.00	26033	VALVE HOUSING, 1/2 NPT	EA	\$ 54.00
10525	HEAD, 3.0 PVC	EA	\$ 283.00	26040	HEAD, 1.8 PP HV	EA	\$ 262.00
10561	VALVE ASM, DIS LE-20	EA	\$ 56.00	26136	CLAMP RING, 3/8 OD TUBING	EA	\$ 2.00
10562	VALVE ASM, SUC LE-20/21	EA	\$ 47.00	26293	CORD ASM, 115V B & C	EA	\$ 51.00
10563	VALVE ASM, DIS LE-26	EA	\$ 65.00	26297	CORD ASM, 220-250V DIN B	EA	\$ 30.00
10564	VALVE ASM, SUC LE-26/26S	EA	\$ 47.00	26323	BALL GUIDE, .500 DIA	EA	\$ 8.00
10590	AGITATOR, 34" SS 115V	EA	\$ 595.00	26350	TANK AND COVER ASM	EA	\$ 428.00
10598	SCREW, 10-24 X .625 PH SS	EA	\$ 1.00	26576	MOTOR, AGITATOR 115V	EA	\$ 634.00
10601	BALL, .500 TEFLON	EA	\$ 7.00	26577	SHAFT ASM, AGITATOR 35"	EA	\$ 203.00
10626	VARISTOR ASM, 115V	EA	\$ 8.00	26579	FLANGE, AGITATOR MOUNTING	EA	\$ 73.00
10627	VARISTOR ASM, 220-250V	EA	\$ 13.00	26637	COVER, TANK 50 GALLON	EA	\$ 146.00
10659	BALL, .375 SS	EA	\$ 5.00	26710	VALVE ASM, INJ CK LE-25P/35P	EA	\$ 128.00
10681	HEAD, 3.0 PP	EA	\$ 370.00	26713	VALVE ASM, INJ CK LE-30/36	EA	\$ 92.00
10746	BRACKET, PUMP HOLD-DOWN	EA	\$ 11.00	26716	VALVE ASM, INJ CK LE-24/34/24WK/34WK	EA	\$ 117.00
10792	VALVE SEAT, 1/2 TUBING	EA	\$ 26.00	26731	SWITCH ASM, LL 115V	EA	\$ 532.00
10793	VALVE HOUSING, 1/2	EA	\$ 29.00	26732	SWITCH ASM, LL 230V	EA	\$ 553.00
10804	CONNECTOR ASM	EA	\$ 37.00	26751	VALVE ASM, INJ CK LE-26	EA	\$ 92.00
10833	CONNECTOR, 3/8 TUBE PP	EA	\$ 19.00	26758	VALVE ASM, INJ CK LE-25T	EA	\$ 92.00
10884	KIT, SEAL RING VITON 1/2	EA	\$ 65.00	26779	CAP, PLUG PE BLACK 10 GAL TANK	EA	\$ 2.00
10895	CONNECTOR ASM	EA	\$ 37.00	26839	VALVE SEAT, PVDF 3/8 TUB	EA	Obsolete
10928	KIT, SEAL RING VITON 3/8	EA	\$ 32.00	26840	VALVE HOUSING, PVDF 3/8	EA	Obsolete
10930	KIT, SEAL RING TEFLON	EA	\$ 36.00	26841	FITTING, INJECTOR	EA	Obsolete
10978	VALVE SEAT, PP	EA	Obsolete	26851	VALVE ASM, INJ CK LE-20/21	EA	\$ 77.00
25029	VALVE ASM, INJ CK	EA	Obsolete	26893	EPU & SPACER ASM, "B"	EA	\$ 583.00
25042	BALL, .500 SS	EA	\$ 5.00	26897	EPU & SPACER ASM, "B"	EA	\$ 583.00
25073	VALVE ASM, INJ CHK	EA	Obsolete	26900	TANK ASM, SATURATOR	EA	\$ 362.00
25106	VALVE SEAT, SUC PP 1/2	EA	\$ 32.00	26983	O-RING, .937 ID X .139 W	EA	\$ 5.00
25108	FITTING, INJECTOR 1/2 PP	EA	\$ 30.00	27034	SPRING & PAD ASM, D	EA	\$ 2.00
25125	CAP, SLEEVE .690D PE	EA	\$ 1.00	27039	CAP, PLUG 5.250D PE	EA	\$ 5.00
25127	SCREW, 10-24 X 4.5 RH SS	EA	\$ 6.00	27052	VALVE ASM, DIS LE-25HV/76-86PB	EA	\$ 67.00
25128	RING, SEAL .500 TEFLON	EA	\$ 15.00	27053	VALVE ASM, SUC LE-25HV/76PB	EA	\$ 72.00
25154	VALVE ASM, FOOT LE-25T, 35T	EA	\$ 97.00	27080	VALVE ASM, INJ 25HV 75HV	EA	\$ 90.00
25156	VALVE ASM, DIS LE-25T	EA	\$ 78.00	27097	STICKER, STROKE DIAL DX4	EA	\$ 6.00
25157	VALVE ASM, SUC LE-25T	EA	\$ 60.00	27214	HEAD, 1.8 PVDF	EA	\$ 133.00
25173	VALVE HOUSING, .500 X 1/2 PP	EA	\$ 35.00	27226	BOX, 20 1/4 X 20 1/4 X 31	EA	\$ 56.00
25178	VALVE ASM, INJ CK	EA	Obsolete	27253	RING, RETAINING EXT 3/8	EA	\$ 1.00
25197	KIT, SEAL RING TEFLON	EA	\$ 45.00	27300	VALVE, 1/4 ANGLE PVC	EA	\$ 214.00
25199	VALVE HOUSING, UHMWPE	EA	\$ 61.00	27301	BUSHING, .375 ID X .375	EA	\$ 8.00
25201	VALVE ASM, DIS LE-82T	EA	\$ 49.00	27352	FLAPPER VALVE,	EA	\$ 7.00
25202	VALVE ASM, SUC LE-82T	EA	\$ 40.00	27394	HEAD, 3.0 316 SS	EA	\$ 1,583.00
25273	VALVE ASM, INJ 71F5 81F5	EA	Obsolete	27397	CONNECTOR, MALE 35	EA	\$ 9.00
25290	AGITATOR, 34" SS	EA	\$ 604.00	27400	TANK ASM, 35 GAL	EA	\$ 500.00
25292	AGITATOR, 34" N 220-240V	EA	\$ 697.00	27401	NIPPLE, 1/4 CLOSE PVC	EA	\$ 7.00
25299	BOX, OUTER 12 X 9 X 11	EA	\$ 11.00	27417	SWITCH ASM, LL 35 GAL	EA	\$ 500.00
25301	INSERT, PACKING PSF	EA	\$ 17.00	27511	HEAD, 1.8 UHMWPE SLURRY	EA	\$ 244.00
25335	NOZZLE ASM, CORP STOP	EA	\$ 69.00	27516	SPACER, 1.8SI 4.2C	EA	\$ 134.00
25344	BUSHING, .71ID X .75OD X .75 NY	EA	\$ 3.00	27517	SPACER, 3.0SI 4.2C	EA	\$ 78.00
25411	VALVE ASM, DIS LE-26T	EA	\$ 62.00	27530	VALVE ASM, DIS LE-37	EA	\$ 290.00
25412	VALVE ASM, SUC LE-26T	EA	\$ 51.00	27535	VALVE ASM, FOOT LE-27/37	EA	\$ 575.00
25550	HEAD, 0.9 ACRYLIC HV	EA	\$ 213.00	27586	SHIM, 3.5S 4.2C NY	EA	\$ 1.00
25558	SPRING, .42 X .24 X 1.0	EA	\$ 6.00	27591	AGITATOR, 27" SS 115V	EA	\$ 576.00
25600	VALVE SEAT, FOOT PP	EA	\$ 30.00	27641	STUD ASM, 3.5 SI 4.2C	EA	\$ 9.00
25628	NUT, 6-32 X HEX SS	EA	\$ 3.00	28390	HEAD, 0.5 ACRYLIC	EA	\$ 193.00
25630	CAP, TUBE	EA	\$ 1.00	28391	HEAD, 0.5 PP	EA	\$ 282.00

PARTS by Number

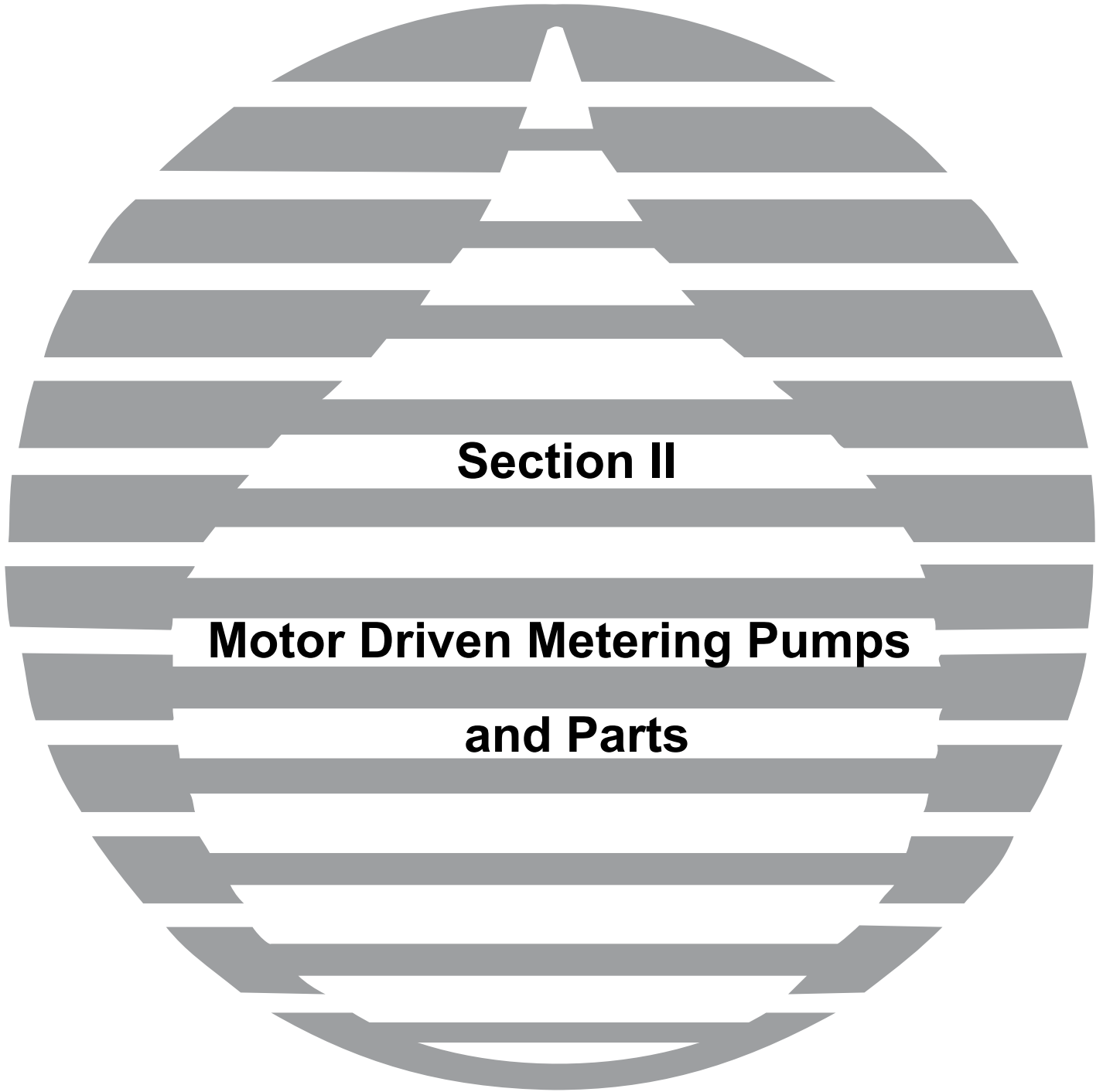
Part Number	Description	UM	Price	Part Number	Description	UM	Price
28410	LABEL, MODEL # FIELD	EA	\$ 3.00	33481	VALVE ASM, INJ CK LE-22/32/32S	EA	\$ 104.00
28663	FERRULE, 1/4" OD	EA	\$ 2.00	33482	VALVE ASM, SUC LE-22/32/32S	EA	\$ 116.00
28664	VALVE SEAT, 1/4 TUBING	EA	Obsolete	33510	SWITCH ASM, LL 35 GAL (230V)	EA	\$ 510.00
28665	VALVE HOUSING, 1/4	EA	Obsolete	33536	VALVE ASM, DIS LE-22/32	EA	\$ 77.00
28804	CONNECTOR, TUBING	EA	Obsolete	33738	CABLE ASM, 8 PIN/8WIRE	EA	\$ 44.00
28882	VALVE SEAT, 1/4 TUBING	EA	Obsolete	33796	CABLE ASM, 4 PIN/4 WIRE	EA	\$ 50.00
28883	VALVE HOUSING, 1/4	EA	Obsolete	33814	CONTROL PANEL ASM, C701/C711	EA	\$ 547.00
28896	CONNECTOR ASM,	EA	Obsolete	33816	CONTROL PANEL ASM, C721	EA	\$ 877.00
28898	DOWEL, PLASTIC .250 OD X 1.75L	EA	\$ 2.00	33817	CONTROL PANEL ASM, C72X	EA	\$ 703.00
28925	HOUSING LESS WIRES	EA	\$ 129.00	33818	CONTROL PANEL ASM, C731	EA	\$ 703.00
28970	HOUSING ASM, 115V B7 BE	EA	\$ 211.00	33819	CONTROL PANEL ASM, C73X	EA	\$ 703.00
28983	HOUSING ASM, 220-240V	EA	\$ 225.00	33820	PANEL ASM, CONTROL	EA	\$ 765.00
29190	SWITCH ASM, LEVEL A7 B7 D7	EA	\$ 109.00	33821	CONTROL PANEL ASM, C74X	EA	\$ 703.00
29256	HOUSING, B1 SERIES	EA	\$ 182.00	33822	CONTROL PANEL ASM, C781	EA	\$ 703.00
29437	DISK, 0.9	EA	\$ 7.00	33823	CONTROL PANEL ASM, C78X	EA	\$ 703.00
29445	DISK, 0.5	EA	\$ 8.00	33833	CABLE ASM, HALL EFFECT	EA	\$ 89.00
29609	HEAD, 0.5 PVDF	EA	\$ 115.00	34093	CONTROL PANEL ASM, B711	EA	\$ 618.00
29611	HEAD, 0.9 PVDF	EA	\$ 164.00	34114	Plug, Audio 3.5 MM	EA	\$ 3.00
29788	CORD ASM, 240V	EA	\$ 31.00	34115	GASKET, PACKJOINT	EA	\$ 4.00
30107	EPU ASM W/DISK, 0.5	EA	\$ 328.00	34116	RING, ANTI-FRICTION	EA	\$ 5.00
30154	EPU ASM, 3.0 82 OHMS	EA	\$ 328.00	34118	GASKET, PACK JOINT	EA	\$ 7.00
30155	EPU, 3.0 330 OHMS	EA	\$ 239.00	34497	O-RING, 0.25ID x 0.437OD	EA	\$ 1.00
30240	EPU ASM W/DISK, 0.5	EA	\$ 328.00	34504	AGITATOR, 27" SS 230V	EA	\$ 593.00
30242	EPU ASM W/DISK, 0.9	EA	\$ 328.00	34566	FLOW CONTROLLER	EA	\$ 740.00
30348	SPRING, COATED	EA	\$ 37.00	35184	LABEL SET, SILVER (BLANK)	EA	\$ 2.00
30375	VALVE HOUSING, PVC	EA	Obsolete	35269	O-RING, 4.984 ID X .139	EA	\$ 10.00
30383	VALVE SEAT, PVC	EA	Obsolete	35394	SPACER W/PLUG 5X5 1.8	EA	\$ 80.00
30414	BOX, "U" AND "P" PUMP	EA	\$ 9.00	35395	SPACER W/PLUG 5X5 3.0	EA	\$ 80.00
30481	VALVE ASM, DIS LE-20PB/66PB/76PB/ 86PB	EA	\$ 74.00	35398	HOUSING, 5 X 5 W/PG9	EA	\$ 122.00
30530	EPU, 3.0 82 OHMS 120 V	EA	\$ 328.00	35404	HOUSING, LESS WIRES	EA	\$ 217.00
30531	EPU, 3.0 313 OHMS 240V	EA	\$ 347.00	35420	VALVE SEAT, 1/2" NPT	EA	\$ 194.00
30643	LABEL COVER, CLEAR	EA	\$ 1.00	35585	VALVE HOUSING, 1/2" NPT	EA	\$ 113.00
30709	KNOB, PUSH-ON	EA	\$ 8.00	35643	CYLINDER, CALIBRATION 200 ML SEALED TOP	EA	\$ 163.00
30744	PLUG, CAP 1-14	EA	\$ 1.00	35644	CYLINDER, CALIBRATION 1000 ML SEALED TOP	EA	\$ 179.00
30803	GASKET, NEOPRENE	EA	\$ 1.00	35645	CYLINDER, CALIBRATION 200 ML EZ CLEAN	EA	\$ 124.00
30856	SCREW, 10-24 1.25L SS	EA	\$ 2.00	35710	CYLINDER, CALIBRATION 1000mL EZ Clean	EA	\$ 172.00
30896	CABLE ASM, CORP STOP 3/4	EA	\$ 33.00	35743	SHAFT, SPEED ADJ	EA	\$ 4.00
30897	CABLE ASM, CORP STOP 1" STD	EA	\$ 51.00	35744	PIN, DUAL	EA	\$ 4.00
30916	LIQUIFRAM, 0.5 FLUORFILM	EA	\$ 82.00	35837	SPACER, 0.9 W/O BOSSES	EA	\$ 78.00
30917	LIQUIFRAM, 0.9 FLUORFILM	EA	\$ 87.00	35838	SPACER, 1.8 W/O BOSSES	EA	\$ 117.00
30926	CORD ASM, 115V	EA	\$ 51.00	35839	SPACER, 3.0 W/O BOSSES	EA	\$ 111.00
30970	WASHER, PLUNGER ASM	EA	\$ 5.00	35890	HOUSING, B9/C9	EA	\$ 259.00
31032	INSERT, "B" SERIES	EA	\$ 4.00	36103	O-RING, .549 ID X .103 W POLYPREL	EA	\$ 3.00
31053	HEAD, 3.0 PVDF MOLDED	EA	\$ 175.00	36107	WASHER, CARTRIDGE VALVE	EA	\$ 1.00
31255	VARISTOR ASM, 240V	EA	\$ 12.00	36128	HEAD, MOLDED 3.0 PVDF	EA	\$ 197.00
31271	DIVIDER ASM, PD-4	EA	\$ 479.00	36156	HEAD, MACHINED 0.5 ACRYLIC	EA	\$ 210.00
31277	CONNECTOR ASM, 8 PIN	EA	\$ 33.00	36157	HEAD, MACHINED 0.9	EA	\$ 162.00
31332	VALVE HOUSING, BARBED PP	EA	\$ 26.00	36159	HEAD, MACHINED 3.0	EA	\$ 243.00
31419	LIQUIFRAM, 3.0 FLUORFILM (NON FABRIC)	EA	\$ 97.00	36204	COUPLING, FOOT VALVE PP	EA	\$ 19.00
31420	LIQUIFRAM, 1.8 FLUORFILM	EA	\$ 92.00	36229	CONTROL PANEL ASM, B121, B131, B141	EA	\$ 414.00
31562	VALVE HOUSING, 1/2 TUBING PVDF	EA	\$ 42.00	36237	CONTROL PANEL ASM, C101/C111	EA	\$ 426.00
31862	EPU, 3.0 82 OHMS	EA	\$ 231.00	36240	CONTROL PANEL ASM, C121	EA	\$ 365.00
31891	KNOB ASM, "B" SERIES	EA	\$ 12.00	36243	CONTROL PANEL ASM, C131	EA	\$ 426.00
31898	STROKE ADJ ASM, B SERIES	EA	\$ 91.00	36246	CONTROL PANEL ASM, C141	EA	\$ 385.00
31927	EPU W/STROKE ADJ, "B" 0.9 115V (D SHAFT)	EA	\$ 583.00	36254	PULSER, FIXED	EA	\$ 118.00
31929	EPU W/STROKE ADJ, "B" 1.8 115V (D SHAFT)	EA	\$ 583.00	36256	PANEL W/NAMEPLATE, B1/C1	EA	\$ 37.00
31937	VALVE SEAT, 1/2 TUBING	EA	\$ 47.00	36260	CAP ASM, RELIEF	EA	\$ 43.00
31938	VALVE HOUSING, 1/2" TUBING	EA	\$ 54.00	36280	CAP ASM, A/S	EA	\$ 43.00
32088	VALVE ASM, INJ. CHECK	EA	Obsolete	36303	CARTRIDGE ASM, .281	EA	\$ 33.00
32158	EPU ASM, 120V, CX01,CX11	EA	\$ 774.00	36304	CARTRIDGE ASM, .281	EA	\$ 33.00
32159	EPU ASM, 220/240V	EA	\$ 774.00	36306	CARTRIDGE ASM, .375	EA	\$ 33.00
32239	EPU ASM, C761/C771	EA	\$ 1,195.00	36307	CARTRIDGE ASM, .375	EA	\$ 22.00
32314	EPU ASM, 120V C781	EA	\$ 1,195.00	36346	VALVE ASM, FOOT 1/4"	EA	\$ 65.00
32329	EPU & SPACER ASM, C771	EA	\$ 1,195.00	36352	VALVE ASM, FOOT 3/8"	EA	\$ 65.00
32405	HOUSING ASM, C7X6	EA	\$ 235.00	36354	VALVE ASM, SUC 3/8" PVDF	EA	\$ 59.00
32465	STROKE DIAL, CX1	EA	\$ 6.00	36358	VALVE ASM, FOOT 1/2"	EA	\$ 65.00
32466	STROKE DIAL, CX2/CX6	EA	\$ 6.00	36360	VALVE ASM, SUC 1/2" PVDF	EA	\$ 59.00
32467	STROKE DIAL, CX3	EA	\$ 7.00	36366	VALVE ASM, SUC 1/4" NPT	EA	\$ 59.00
32506	HEAD, 0.5 SS 316	EA	\$ 394.00	36413	VALVE ASM, FOOT 1/4"	EA	\$ 66.00
32507	HEAD, 0.9 SS 316	EA	\$ 447.00	36415	VALVE ASM, SUC 1/4" PVDF	EA	\$ 77.00
32508	HEAD, 1.8 SS 316	EA	\$ 510.00	36418	VALVE ASM, SUC 3/8" PVDF	EA	\$ 59.00
32509	HEAD, 3.0 SS 316	EA	\$ 425.00	36419	VALVE ASM, FOOT 1/2" PVDF POLYPREL	EA	\$ 65.00
32514	VALVE ASM, INJ CHECK SS	EA	\$ 86.00	36421	VALVE ASM, SUC 1/2" PVDF	EA	\$ 40.00
32515	VALVE ASM, CHECK 316 SS	EA	\$ 69.00	36424	VALVE ASM, SUC 1/4" NPT	EA	\$ 42.00
32534	EPU & SPACER ASM, "C" 1.8SI 120V	EA	\$ 956.00	36502	VALVE ASM, FOOT 1/4" NPT	EA	\$ 65.00
32536	EPU & SPACER ASM, "C" 3.0SI 120V	EA	\$ 956.00	36504	VALVE ASM, SUC 1/4" NPT	EA	\$ 40.00
32654	SHIM, .020 THICK 4.2	EA	\$ 7.00	36905	SPACER, FM-PRO	EA	\$ 18.00
32862	BUSHING, SHAFT AX1S	EA	Obsolete	37113	FITTING WITH WASHER, 1/4" TUBING PVDF (CART)	EA	\$ 24.00
33211	CONTROL PANEL ASM, B7/C7	EA	\$ 618.00	37115	FITTING WITH WASHER, 3/8" TUBING PVDF (CART)	EA	\$ 24.00
33212	CONTROL PANEL ASM, 230V	EA	\$ 675.00	37117	FITTING WITH WASHER, 1/2" TUBING PVDF (CART)	EA	\$ 24.00
33256	MAGNET, DIGIPULSE	EA	\$ 50.00	37119	FITTING WITH WASHER, 1/4" NPT PVDF (CART)	EA	\$ 24.00
33264	O-RING, .674 ID X .103 W POLYPREL	EA	\$ 2.00	37144	SCREW KIT, HASTELLOY (4)		\$ 130.00
33480	VALVE ASM, FT LE-32, 32S	EA	\$ 105.00	37203	CLAMP RING, 1/2" TUBING SST		\$ 2.00

PARTS by Number

Part Number	Description	UM	Price	Part Number	Description	UM	Price
37334	Liquid End Cartridge	EA	\$ 22.00	48428	HEAD, AUTOPRIME, SC3 ACL	EA	\$ 265.00
37335	Liquid End Cartridge	EA	\$ 27.00	48429	HEAD, AUTOPRIME SC3 PVC	EA	\$ 179.00
37337	Liquid End Cartridge	EA	\$ 22.00	48431	HEAD, AUTOPRIME, SC4 ACL	EA	\$ 287.00
37338	Liquid End Cartridge	EA	\$ 27.00	48432	HEAD, AUTOPRIME, SC4 PVC	EA	\$ 170.00
37341	SPRING, COMPRESSION	EA	\$ 5.00	48471	HEAD, SC1, 316 SS	EA	\$ 425.00
37349	KIT, REPLACEMENT, SPRING LOADED LIQUIPRO INJ C	EA	\$ 13.00	48472	HEAD, SC2, 316 SS	EA	\$ 415.00
37351	FITTING, LIQUIPRO	EA	\$ 30.00	48473	HEAD, SC3, 316 SS	EA	\$ 425.00
37354	VALVE ASM, INJ 1/4" PVDF	EA	\$ 77.00	48474	HEAD, SC4, 316 SS	EA	\$ 425.00
37356	VALVE ASM, INJ 3/8" PVDF	EA	\$ 72.00	48488	ADAPTER, ROYTRONIC ACCESSORIES	EA	\$ 66.00
37358	VALVE ASM, INJ 1/2" PVDF	EA	\$ 77.00	48490	CONNECTOR, 5-PIN REVERSE KEY	EA	\$ 56.00
37360	VALVE ASM, INJ 1/4" NPT	EA	\$ 72.00	48543	CARTRIDGE VALVE, 920, 930, 940	EA	\$ 22.00
37394	BOX, 15 1/8 X 10 5/8 X 10 13/16 BROWN PRINTED	EA	\$ 16.00	48545	CARTRIDGE VALVE, 915, 813	EA	\$ 22.00
37539	SPRING, CLEAR PVDF	EA	\$ 16.00	48546	CARTRIDGE VALVE, 925, 935, 945	EA	\$ 22.00
37742	HEAD, 1.8 MACHINED PVC	EA	\$ 267.00	48549	FASTPRIME CARTRIDGE VALVE, 920	EA	\$ 22.00
37745	HEAD, 3.0 MACHINED PVC	EA	\$ 235.00	48551	FASTPRIME CARTRIDGE VALVE, 915	EA	\$ 22.00
37750	HEAD, 0.5 MOLDED PVC	EA	\$ 69.00	48552	FASTPRIME CARTRIDGE VALVE, 925	EA	\$ 22.00
37752	HEAD, 0.9 MOLDED PVC	EA	\$ 80.00	48589	O-RING, PTFE, 2-113	EA	\$ 3.00
37754	HEAD, 1.8 MOLDED PVC	EA	\$ 133.00	48590	O-RING, PTFE, 2-007, WHITE	EA	\$ 1.00
37756	HEAD, 3.0 MOLDED PVC	EA	\$ 148.00	48591	O-RING, PTFE, 2-111	EA	\$ 3.00
37763	FITTING WITH WASHER,	EA	\$ 18.00	48594	CONTROL PANEL AD2	EA	\$ 200.00
37765	FITTING WITH WASHER,	EA	Obsolete	48595	CONTROL PANEL AD8	EA	\$ 217.00
37767	FITTING WITH WASHER,	EA	Obsolete	48596	CONTROL PANEL AD9	EA	\$ 227.00
37769	FITTING WITH WASHER,	EA	\$ 18.00	48599	HOUSING, AD	EA	\$ 282.00
37845	VALVE ASM, FOOT 3/8" PVDF POLYPREL	EA	\$ 65.00	48603	COVER, CLEAR AD	EA	\$ 17.00
37846	VALVE ASM, SUC 1/4" PVDF POLYPREL	EA	\$ 38.00	48617	FITTING, INJECTION VLV, PVC	EA	\$ 18.00
37848	VALVE ASM, INJ 1/4" PVDF	EA	\$ 95.00	48618	FITTING, INJECTION VLV, PVDF	EA	\$ 27.00
37857	CARTRIDGE ASM, .375 PVC/POLYPREL	EA	\$ 22.00	48622	4FV Bleed Nut - Roytronic	EA	\$ 6.00
37858	Liquid End Cartridge	EA	\$ 22.00	48646	COUPLING KNOB, 4FV	EA	\$ 6.00
37859	Liquid End Cartridge	EA	\$ 22.00	48646	COUPLING KNOB, 4FV	EA	\$ 6.00
37980	HEAD, 0.5 MOLDED PVDF(DEEP COR	EA	\$ 104.00	48670	FASTPRIME DISCHARGE CV	EA	\$ 44.00
38018	VALVE ASM, SUC 1/4" PVC	EA	\$ 36.00	48672	FASTPRIME DISCHARGE CV	EA	\$ 77.00
38019	VALVE ASM, SUC 3/8" PVC	EA	\$ 36.00	48676	SUCTION CHECK VALVE, 728, 738,	EA	\$ 33.00
38020	VALVE ASM, SUC 1/2" PVC	EA	\$ 36.00	48677	SUCTION CHECK VALVE, 812	EA	\$ 45.00
38025	VALVE ASM, INJ 1/4" PVC	EA	\$ 61.00	48678	SUCTION CHECK VALVE, 813	EA	\$ 43.00
38026	VALVE ASM, INJ 3/8" PVC	EA	Obsolete	48679	SUCTION CHECK VALVE	EA	\$ 77.00
38027	VALVE ASM, INJ 1/2" PVC	EA	\$ 73.00	48680	SUCTION CHECK VALVE, 823, 833,	EA	\$ 77.00
38033	VALVE ASM, FOOT 1/2"	EA	\$ 65.00	48681	SUCTION CHECK VALVE	EA	\$ 56.00
38271	VALVE ASM, FOOT	EA	\$ 91.00	48682	SUCTION CHECK VALVE, 915	EA	\$ 77.00
38490	WASHER, FLAT #10 SS 316	EA	\$ 1.00	48683	SUCTION CHECK VALVE, 919	EA	\$ 77.00
38561	HEAD, 0.9 MACHINED	EA	\$ 179.00	48684	SUCTION CHECK VALVE	EA	\$ 45.00
38562	HEAD, 0.9 MACHINED PVC	EA	\$ 149.00	48685	SUCTION CHECK VALVE, 925, 935	EA	\$ 77.00
38568	HEAD, 0.9 ACRYLIC HV	EA	\$ 193.00	48686	SUCTION CHECK VALVE, 929, 939,	EA	\$ 77.00
38569	HEAD, 0.9 PP HV	EA	\$ 240.00	48692	CARTRIDGE VALVE, 929, 939, 949	EA	\$ 22.00
38571	HEAD, 0.5 ACRYLIC HV	EA	\$ 267.00	48698	FASTPRIME CARTRIDGE VALVE, 929	EA	\$ 22.00
38572	HEAD, 0.5 PP HV	EA	\$ 232.00	48699	FASTPRIME VALVE, 8X2, 9X9	EA	\$ 37.00
38578	HEAD, 0.5 MACHINED	EA	\$ 179.00	48700	FASTPRIME VALVE, 8X3	EA	\$ 34.00
38579	HEAD, 0.5 MACHINED PVC	EA	\$ 163.00	48701	FASTPRIME VALVE, 9X5	EA	\$ 39.00
38592	HEAD, 1.8 ACRYLIC HV	EA	\$ 200.00	48702	LIQUID END HARDWARE, 9XX	EA	\$ 7.00
38593	HEAD, 1.8 PP HV	EA	\$ 211.00	48703	LIQUID END HARDWARE, 7XX, 8XX	EA	\$ 7.00
38595	HEAD, 1.8 ACRYLIC MACH	EA	\$ 206.00	48704	AUTOPRIME DISCHARGE CHECK	EA	\$ 77.00
38596	HEAD, 1.8 PVC MACHINED	EA	\$ 210.00	48705	AUTOPRIME DISCHARGE CHECK	EA	\$ 77.00
48167	DISK, LE ADAPTER SC1	EA	\$ 8.00	48706	AUTOPRIME DISCHARGE CARTRIDGE	EA	\$ 43.00
48168	DISK, LE ADAPTER SC2	EA	\$ 9.00	48707	AUTOPRIME DISCHARGE CARTRIDGE	EA	\$ 35.00
48169	DISK, LE ADAPTER SC3	EA	\$ 7.00	48708	AUTOPRIME SHUTTLE VALVE	EA	\$ 80.00
48170	DISK, LE ADAPTER SC4	EA	\$ 7.00	48709	AUTOPRIME SHUTTLE CARTRIDGE	EA	\$ 66.00
48186	LIQUIFRAM, SC1	EA	\$ 82.00	48718	FOOT VALVE, 910, X18	EA	\$ 65.00
48187	LIQUIFRAM, SC2	EA	\$ 87.00	48719	FOOT VALVE, 919	EA	\$ 65.00
48188	LIQUIFRAM, SC3	EA	\$ 92.00	48720	FOOT VALVE, 812	EA	\$ 65.00
48189	LIQUIFRAM, SC4	EA	\$ 97.00	48721	FOOT VALVE, 920, 930, 940	EA	\$ 65.00
48214	HEAD, MACHINED, SC1 ACL	EA	\$ 155.00	48722	FOOT VALVE, 929, 939, 949	EA	\$ 66.00
48216	HEAD, MACHINED, SC1 PP	EA	\$ 190.00	48723	FOOT VALVE, 822, 832, 842	EA	\$ 66.00
48218	HEAD, MACHINED, SC2 ACL	EA	\$ 161.00	48724	FOOT VALVE, 813	EA	\$ 65.00
48219	HEAD, MACHINED, SC2 PVC	EA	\$ 124.00	48725	FOOT VALVE, 823, 833, 843	EA	\$ 66.00
48220	HEAD, MACHINED, SC2 PP	EA	\$ 166.00	48726	FOOT VALVE, 915	EA	\$ 66.00
48222	HEAD, MACHINED, SC3 ACL	EA	\$ 289.00	48727	FOOT VALVE, 925, 935, 945	EA	\$ 66.00
48224	HEAD, MACHINED, SC3 PP	EA	\$ 173.00	48728	INJECTION VALVE, 9X0, XX8	EA	\$ 61.00
48226	HEAD, MACHINED, SC4 ACL	EA	\$ 175.00	48729	INJECTION VALVE, 9X5	EA	\$ 64.00
48231	CORD, POWER USA 120V	EA	Obsolete	48730	INJECTION VALVE, 9X9	EA	\$ 64.00
48313	RETAINING RING, 8MM	EA	\$ 5.00	48731	INJECTION VALVE, 8X2	EA	\$ 61.00
48347	O-RING, 2-008 80D AFLAS	EA	\$ 1.00	48732	INJECTION VALVE, 8X3	EA	\$ 77.00
48349	O-RING, 2-111, 80DUR AFLAS	EA	\$ 3.00	48743	HEAD, AUTOPRIME, 0.5 ACL	EA	\$ 195.00
48363	HEAD, MOLDED FASTPRIME SC2	EA	\$ 84.00	48744	HEAD, AUTOPRIME, 0.9 ACL	EA	\$ 237.00
48364	HEAD, MOLDED FASTPRIME SC2	EA	\$ 90.00	48745	HEAD, AUTOPRIME, 1.8 ACL	EA	\$ 188.00
48366	HEAD, MOLDED FASTPRIME SC3	EA	\$ 133.00	48748	HEAD, AUTOPRIME, 1.8 PVC	EA	\$ 264.00
48367	HEAD, MOLDED FASTPRIME SC3	EA	\$ 146.00	48767	DISCHARGE CHECK VALVE, SS	EA	\$ 137.00
48369	HEAD, MOLDED FASTPRIME SC4	EA	\$ 137.00	48768	SUCTION CHECK VALVE, SS	EA	\$ 163.00
48370	HEAD, MOLDED FASTPRIME SC4	EA	\$ 132.00	48787	FITTING SGL BALL WITH O-RING	EA	\$ 16.00
48414	CORDSET, 5-PIN REVERSE KEY	EA	\$ 71.00	48788	FITTING SGL BALL WITH O-RING	EA	\$ 16.00
48414	Cordset, Roytronic 5 pin	EA	\$ 71.00	48789	FITTING SGL BALL WITH O-RING	EA	\$ 16.00
48422	HEAD, AUTOPRIME, SC1 ACL	EA	\$ 308.00	48790	FITTING SGL BALL WITH O-RING	EA	\$ 16.00
48423	HEAD, AUTOPRIME, SC1 PVC	EA	\$ 157.00	48791	FITTING DBL BALL WITH O-RING	EA	\$ 18.00
48425	HEAD, AUTOPRIME, SC2 ACL	EA	\$ 195.00	48792	FITTING DBL BALL WITH O-RING	EA	\$ 18.00
48426	HEAD, AUTOPRIME, SC2 PVC	EA	\$ 189.00	48793	FITTING DBL BALL WITH O-RING	EA	\$ 18.00

PARTS by Number

Part Number	Description	UM	Price	Part Number	Description	UM	Price
48794	FITTING DBL BALL WITH O-RING	EA	\$ 18.00	27142-500	TUBING PE, .500 OD X .062, 500 FEET	EA	\$ 604.00
48795	INJECTION VLV CARTRIDGE	EA	\$ 22.00	27342-500	TUBING PE, .375 OD X .062, 500 FEET	EA	\$ 672.00
48848	Fastprime Valve xx8, 9x0	EA	\$ 45.00	27641-1	STUD ASM, 3.0 SI 4.2C	EA	\$ 8.00
48851	CORD, POWER USA 120V	EA	\$ 51.00	28636-500	TUBING PE, .250 OD X .062, 500 FEET	EA	\$ 565.00
48852	CORD, POWER USA 230V	EA	\$ 51.00	29033CE	CORD ASM, 115V CE	EA	\$ 51.00
48873	Foot Valve,3/8" PVC/TFE	EA	\$ 65.00	31561-1	VALVE SEAT, 1/4 NPT PVDF	EA	\$ 51.00
49031	Housing ASM, 120 V	EA	Obsolete	31562-1	VALVE HOUSING, 1/4 NPT	EA	\$ 54.00
49035	Cordset, Roytronic 6 pin	EA	\$ 92.00	31927CE	EPU W/STROKE ADJ, "B"	EA	\$ 583.00
49088	VALVE ASM, SUC PVC/AFL/CER	EA	\$ 36.00	31929CE	EPU W/STROKE ADJ, "B"	EA	\$ 504.00
49089	VALVE ASM, SUC PVDF/AFL/CER	EA	\$ 77.00	32158CE	EPU ASM, 120V C7 C9 CE	EA	\$ 774.00
49090	VALVE ASM, SUC PVDF/AFL/CER	EA	\$ 39.00	32534CE	EPU & SPACER ASM, "C"	EA	\$ 956.00
49092	VALVE ASM, SUC PVDF/PTFE/CER	EA	\$ 77.00	32536CE	EPU & SPACER ASM, "C"	EA	\$ 956.00
49093	VALVE ASM, SUC PVDF/AFL/PTFE	EA	\$ 77.00	35895CE	CONTROL PANEL ASM, B92/B93/B94 115V	EA	\$ 1,507.00
49094	VALVE ASM, SUC PVDF/AFL/PTFE	EA	\$ 46.00	35949CE	HOUSING ASM, B9X1/C9X1	EA	\$ 227.00
49097	CARTRIDGE SUB ASM, SPRING	EA	\$ 35.00	35956CE	HOUSING ASM, B9X6/C9X6	EA	\$ 244.00
49098	VALVE ASM, DIS SPRING	EA	\$ 77.00	35960CE	CONTROL PANEL ASM, C901/C911 115V	EA	\$ 1,106.00
49099	Foot Valve,PVC/AFL/CER,358, 450, 458	EA	\$ 56.00	35962CE	CONTROL PANEL ASM, C921 115 V	EA	\$ 1,106.00
49100	Foot Valve,PVC/AFL/CER, 3/468, 3/498, 460, 490	EA	\$ 65.00	35964CE	CONTROL PANEL ASM, C931 115V	EA	\$ 1,106.00
49101	Foot Valve,PVDF/AFL/CER, 352	EA	\$ 66.00	35966CE	CONTROL PANEL ASM, C941 115V	EA	\$ 1,106.00
49102	Foot Valve,PVDF/AFL/CER, 362, 392	EA	\$ 65.00	38568-1	HEAD, 0.9 ACRYLIC HV	EA	\$ 226.00
49103	Foot Valve,PVDF/PTFE/CER, 353	EA	\$ 66.00	38569-1	HEAD, 0.9 PP HV	EA	\$ 228.00
49104	Foot Valve,PVDF/PTFE/CER, 363, 393	EA	\$ 66.00	38571-1	HEAD, 0.5 ACRYLIC HV	EA	\$ 377.00
49106	Foot Valve,PVDF/AFL/PTFE, 469, 499	EA	\$ 65.00	38572-1	HEAD, 0.5 PP HV	EA	\$ 345.00
49107	Foot Valve,PP/PTFE/CER, 455	EA	\$ 66.00	38592-1	HEAD, 1.8 ACRYLIC HV	EA	\$ 236.00
49108	Foot Valve,PP/PTFE/CER, 465, 495	EA	\$ 66.00	38593-1	HEAD, 1.8 PP HV	EA	\$ 290.00
49109	LIQUID END HARDWARE, 4XX, DXX	EA	\$ 7.00	50503-15	EXTENSION CABLE, 15 M / 49.2FT	EA	\$ 245.00
49163	VALVE ASM, SUC	EA	\$ 77.00	50503-6	EXTENSION CABLE, 6 M / 19.7FT	EA	\$ 143.00
49164	Foot Valve, 910A, 918A	EA	\$ 66.00				
49165	Foot Valve, 920A, 928A	EA	\$ 65.00				
49216	90 degree adapter		\$ 97.00				
49246	Roytronic Low Level Switch Assembly		\$ 245.00				
49249	Switch, Dual Liquid Level (Excel only)		\$ 300.00				
49253	3 Pin Connector (4 Pin standard key)	EA	\$ 87.00				
49287	CORP STOP ASM, 3/4" - CA AB1953 mat'l req.	EA	\$ 357.00				
49288	CORP STOP ASSY, 1" - CA AB1953 mat'l req.	EA	\$ 388.00				
49290	CORP STOP ASSY, 1" - CA AB1953 mat'l req.	EA	\$ 347.00				
49329	Head, machined SC2 HV Acrylic	EA	\$ 169.00				
49331	Head, machined SC2 HV PP	EA	\$ 152.00				
49332	Head, machined SC2 HV Ported PP	EA	\$ 356.00				
49334	Head, machined SC3 HV Acrylic		\$ 207.00				
49336	Head, machined SC3 HV PP		\$ 152.00				
49337	Head, machined SC3 HV Ported PP		\$ 356.00				
49339	Head, machined SC4 HV Acrylic		\$ 170.00				
49341	Head, machined SC4 HV PP	EA	\$ 152.00				
49342	Head, machined SC4 HV Ported PP	EA	\$ 356.00				
50508	50 piece 1/4" ferrule kit	EA	\$ 56.00				
50509	50 piece 3/8" ferrule kit		\$ 112.00				
50510	50 piece 1/2" ferrule kit		\$ 112.00				
50529	HEAD, AUTOPRIME, 3.0 ACL		\$ 319.00				
50530	HEAD, AUTOPRIME, 3.0 PVC		\$ 195.00				
50663	PULSER ASM, AD2		\$ 428.00				
50664	PULSER ASM, AD8		\$ 459.00				
50665	PULSER ASM, AD9		\$ 566.00				
54783	TUBING, UV KIT, 1/4"		Obsolete				
54784	TUBING, UV KIT, 3/8"		\$ 51.00				
55787	REED SWITCH TRANSMITTER W/ FLYING LEADS		\$ 36.00				
55789	REED SWITCH TRANSMITTER W/ 4 PIN CONNECT.		\$ 106.00				
55796	REED SWITCH TRANSMITTER W/ 3.5MM CONNEX.		\$ 95.00				
57958	CABLE ADAPTOR, MP-100 FOR PD7		\$ 87.00				
59235	FLOWMETER, RFP-075	EA	\$ 400.00				
59236	FLOWMETER, RFP-100	EA	\$ 800.00				
59237	FLOWMETER, RFP-150	EA	\$ 980.00				
59238	FLOWMETER, RFP-200	EA	\$ 1,500.00				
59239	SENSOR ASM,RFP-075,100,150,200	EA	\$ 143.00				
10141-500	TUBING, .500 OD X .062 VINYL, 500 FEET	EA	Obsolete				
10142-500	TUBING, .500 OD X .062 PE, 500 FEET	EA	\$ 540.00				
10342-500	TUBING, .375 OD X .062 PE, 500 FEET	EA	\$ 508.00				
10469-06	TUBING VINYL, .375 OD X .062, 6 FEET	EA	\$ 8.00				
10469-500	TUBING VINYL, .375 OD X .062, 500 FT	EA	\$ 508.00				
10492-1	VALVE SEAT, 1/4 NPT	EA	\$ 26.00				
10493-1	VALVE HOUSING, 1/4 NPT	EA	\$ 28.00				
10524-3	HEAD, 3.0 ACRYLIC	EA	\$ 294.00				
10681-3	HEAD, 3.0 PP HV	EA	\$ 321.00				
10681-4	HEAD, 3.0 PP	EA	\$ 534.00				
10786-1	COUPLING, 1/2" NPT	EA	\$ 45.00				
10792-1	VALVE SEAT, .375 X 1/4	EA	\$ 35.00				
10793-1	VALVE HOUSING, .375 X	EA	\$ 40.00				
25636-16	TUBING PE, .250 X .062, 16 FEET	EA	\$ 21.00				
25636-500	TUBING PE, .250 OD X .062, 500 FEET	EA	\$ 70.00				
25651-50	TUBING VINYL, .938 OD X .15, 50 FT	EA	\$ 528.00				
25906-3	HEAD, 6.0 PP HV	EA	\$ 383.00				
26050-1	HEAD, 0.9 PP HV	EA	\$ 336.00				
26350-1	TANK W/COVER, DRILL	EA	\$ 449.00				
26893CE	EPU & SPACER ASM, "B"	EA	\$ 583.00				



Section II

**Motor Driven Metering Pumps
and Parts**

Excel XR[®] Series



Manual

Communications

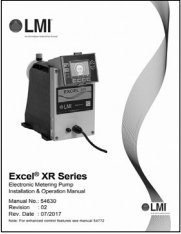






Enhanced

	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:						Enhanced Model:	Communications Model:
							
Manual	Foot Valve	Tubing (0 or 2 rolls) & Tube Connection Hardware	Ceramic Foot Valve Weight	Injection Check Valve		4 Pin Cordset	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) ** Flow rates up to 53.0 GPH (200.6 LPH) to be released with XRE in 2020
- 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)

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

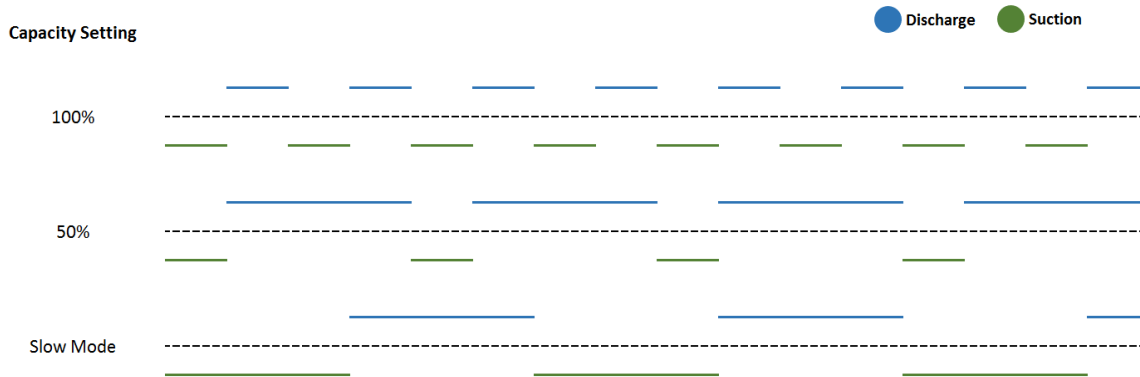
Temperature & Environmental Ratings

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

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		Max. Suction Inlet Pressure	
	[ft]	[m]	[psi]	[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

	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

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	\$ 2,306	
XRD92	Enhanced Control	4 Pin Cordset			54711				\$ 2,674	
XRDP2	Enhanced Control with ProfiBus	4 Pin, 5 Pin Cordset			54711, 55199				\$ 3,217	
XRDM2	Enhanced Control with ModBus	4 Pin, 5 Pin Cordset			54711, 55199				\$ 3,217	
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		Price	
							Standard	DN15 Conn.		
Standard Plastic										
A44AC		PP	TFE/P	Ceramic	PVDF	1000:1	RPM54771	RPM54772	\$ 275	
A44A1		PP	TFE/P	316L	PVDF	1000:1	RPM54778	RPM54779	\$ 265	
A44AT		PP	TFE/P	PTFE	PVDF	1000:1	RPM56409	RPM56410	\$ 265	
A74TC		PVDF	PTFE	Ceramic	PVDF	200:1	RPM54773	RPM54774	\$ 446	
A74AT		PVDF	TFE/P	PTFE	PVDF	1000:1	RPM56409	RPM56410	\$ 436	
Standard Metallic										
A1411		316L	316L	316L	316L	1000:1	see below		\$ 785	
Slurry										
S1414		316L	316L	440C	316L	1000:1	RPM54776		\$ 848	
High Viscosity										
V44T1		PP	PTFE	316L	PP	1000:1	RPM54777		\$ 271	
Standard Plastic		Diaphragm		O-Rings	Fittings	Connections	Tubing Kit	RPM Kit	Price	
A7T1		PTFE/PVDF		TFE/P	PVDF	Imperial Tube	1	-	\$ 243	
A7PN		PTFE/PVDF		TFE/P	PVDF	1/2" NPT/BSP	-	-	\$ -	
A7M2		PTFE/PVDF		TFE/P	PVDF	Metric Tube	2	-	\$ 97	
A2FN		PTFE/PVDF		TFE/P	PVDF/PVC	DN15 Female	-	see above	\$ 50	
A7DN	PVDF heads only	PTFE/PVDF		TFE/P	PVDF	DN15 Male	-	see above	\$ 441	
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	-	\$ 129	
XRD12	1	A44AC	A7T1							

RPM Kit	Price	RPM Kit	Price	Contents
RPM54771	\$ 338	RPM54777	\$ 320	<ul style="list-style-type: none"> • Primary Diaphragm • Secondary Diaphragm housing seal • Required O-rings • Replacable Check valves or components
RPM54772	\$ 325	RPM54778	\$ 336	
RPM54773	\$ 336	RPM54779	\$ 324	
RPM54774	\$ 324	RPM56407	\$ 848	
RPM54775	\$ 607	RPM56409	\$ 344	
RPM54776	\$ 701	RPM56410	\$ 347	

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

XRD - OUTPUT CODE 3

162 SPM Max.

Size Code 4

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

XRDx3										
Drive End										
Control	Description	Cordset Included			Part Number			Price		
XRD13	Manual Control	-			-			See Note	\$ 2,428	
XRD93	Enhanced Control	4 Pin Cordset			54711				\$ 2,815	
XRDP3	Enhanced Control with ProfiBus	4 Pin, 5 Pin Cordset			54711, 55199				\$ 3,386	
XRDM3	Enhanced Control with ModBus	4 Pin, 5 Pin Cordset			54711, 55199				\$ 3,386	
Power Code										
	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										
	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	\$ 275	
	A44A1	PP	TFE/P	316L	PVDF	1000:1	RPM54778	RPM54779	\$ 265	
	A44AT	PP	TFE/P	PTFE	PVDF	1000:1	RPM56409	RPM56410	\$ 265	
	A74TC	PVDF	PTFE	Ceramic	PVDF	200:1	RPM54773	RPM54774	\$ 446	
	A74AT	PVDF	TFE/P	PTFE	PVDF	1000:1	RPM56409	RPM56410	\$ 436	
Standard Metallic										
	A1411	316L	316L	316L	316L	1000:1	see below		\$ 785	
Slurry										
	S1414	316L	316L	440C	316L	1000:1	RPM54776		\$ 848	
High Viscosity										
	V44T1	PP	PTFE	316L	PP	1000:1	RPM54777		\$ 271	
Standard Plastic										
		Diaphragm		O-Rings	Fittings	Connections	Tubing Kit	RPM Kit		
	A7T1	PTFE/PVDF		TFE/P	PVDF	Imperial Tube	1	-	\$ 243	
	A7PN	PTFE/PVDF		TFE/P	PVDF	1/2" NPT/BSP	-	-	\$ -	
	A7M2	PTFE/PVDF		TFE/P	PVDF	Metric Tube	2	-	\$ 97	
	A2FN	PTFE/PVDF		TFE/P	PVDF/PVC	DN15 Female	-	see above	\$ 50	
	A7DN	PVDF heads only		PTFE/PVDF	TFE/P	PVDF	DN15 Male	see above	\$ 441	
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	-	\$ 129	
XRD13	1	A44AC	A7T1							

RPM Kit	Price	RPM Kit	Price	Contents
RPM54771	\$ 338	RPM54777	\$ 320	<ul style="list-style-type: none"> • Primary Diaphragm • Secondary Diaphragm housing seal • Required O-rings • Replacable Check valves or components
RPM54772	\$ 325	RPM54778	\$ 336	
RPM54773	\$ 336	RPM54779	\$ 324	
RPM54774	\$ 324	RPM56407	\$ 848	
RPM54775	\$ 607	RPM56409	\$ 344	
RPM54776	\$ 701	RPM56410	\$ 347	

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

XRD - OUTPUT CODE 4

144 SPM Max.

Size Code 6

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

XRDx4											
Drive End											
Control	Description	Cordset Included			Part Number			Price			
XRD14	Manual Control	-			-			See Note	\$ 2,470		
XRD94	Enhanced Control	4 Pin Cordset			54711				\$ 2,857		
XRDP4	Enhanced Control with ProfiBus	4 Pin, 5 Pin Cordset			54711, 55199				\$ 3,428		
XRDM4	Enhanced Control with ModBus	4 Pin, 5 Pin Cordset			54711, 55199				\$ 3,428		
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			\$ 387	
A46V1	PP	FKM	316L	PP	PTFE	500:1	RPM54784			\$ 377	
A46AC	PP	TFE/P	Ceramic	PP	PTFE	500:1	RPM56405			\$ 387	
A46A1	PP	TFE/P	316L	PP	PTFE	500:1	RPM56406			\$ 377	
Standard PVDF											
A76VC	PVDF	FKM	Ceramic	PVDF	PTFE	500:1	RPM54780			\$ 723	
A76AT	PVDF	TFE/P	PTFE	PVDF	PTFE	500:1	RPM56411			\$ 713	
A76AC	PVDF	TFE/P	Ceramic	PVDF	PTFE	500:1	RPM56405			\$ 723	
Standard Metallic											
A1611	316L	316L	316L	316L	PTFE	1000:1	see below			\$ 2,065	
Slurry											
S1614	316L	316L	440C	316L	PTFE	1000:1	RPM54783			\$ 2,128	
High Viscosity											
V46T1	PP	PTFE	316L	PP	PTFE	1000:1	RPM54782			\$ 377	
Standard PP		O-Rings		Fittings		Connections		Tubing Kit		RPM Kit	
N4PN		-		PP		1/2" NPT		-		\$ -	
N4TN		-		PP		Imperial Tube		-		\$ -	
N2FN		-		PP/PVC		DN15 Female		-		\$ 50	
Standard PVDF											
N2FN		-		PVDF/PVC		DN15 Female		-		\$ 50	
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		\$ 316	
N4T4		-		PP		Imperial Tube		4		\$ 316	
XRD14	1	A46VC	N4PN								

RPM Kit	Price	RPM Kit	Price	Contents
RPM54780	\$ 164	RPM56405	\$ 226	<ul style="list-style-type: none"> • Primary Diaphragm • Secondary Diaphragm housing seal • Required O-rings • Replacable Check valves or components
RPM54781	\$ 629	RPM56406	\$ 221	
RPM54782	\$ 193	RPM56408	\$ 670	
RPM54783	\$ 677	RPM56411	\$ 247	
RPM54784	\$ 161			

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

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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	\$ 3,468	
XRE92	Enhanced Control	4 Pin Cordset			54711				\$ 4,386	
XREP2	Enhanced Control with ProfiBus	4 Pin, 5 Pin Cordset			54711, 55199				\$ 4,998	
XREM2	Enhanced Control with ModBus	4 Pin, 5 Pin Cordset			54711, 55199				\$ 4,998	
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	\$	265	
A44AC	PP	TFE/P	Ceramic	PVDF	1000:1	RPM54771	RPM54772	\$	275	
A44AT	PP	TFE/P	PTFE	PVDF	1000:1	RPM56409	RPM56410	\$	265	
A74AT	PVDF	TFE/P	PTFE	PVDF	1000:1	RPM56409	RPM56410	\$	436	
A74TC	PVDF	PTFE	Ceramic	PVDF	200:1	RPM54773	RPM54774	\$	446	
Standard Metallic										
A1411	316L	316L	316L	316L	1000:1	see below		\$	785	
Slurry										
S1414	316L	316L	440C	316L	1000:1	see below		\$	848	
High Viscosity										
V44T1	PP	PTFE	316L	PP	1000:1	see below		\$	271	
Standard Plastic		Diaphragm	O-Rings	Fittings	Connections	Tubing Kit	RPM Kit			
A2FN		PTFE/PVDF	TFE/P	PVDF/PVC	DN15 Female	-	-	\$	50	
A7M2		PTFE/PVDF	TFE/P	PVDF	Metric Tube	2	-	\$	97	
A7PN		PTFE/PVDF	TFE/P	PVDF	1/2" NPT/BSP	-	-	\$	-	
A7T1		PTFE/PVDF	TFE/P	PVDF	Imperial Tube	1	-	\$	243	
A7DN (PVDF heads only)		PTFE/PVDF	TFE/P	PVDF	DN15 Male	-	-	\$	441	
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	\$	129	
XRE12	1	A44AC	A7T1							

RPM Kit	Price	RPM Kit	Price	Contents
RPM54771	\$ 338	RPM54777	\$ 320	• Primary Diaphragm
RPM54772	\$ 325	RPM54778	\$ 336	• Secondary Diaphragm
RPM54773	\$ 336	RPM54779	\$ 324	housing seal
RPM54774	\$ 324	RPM56407	\$ 848	• Required O-rings
RPM54775	\$ 607	RPM56409	\$ 344	• Replacable Check valves or
RPM54776	\$ 701	RPM56410	\$ 347	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

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	\$ 3,723	
XRE93	Enhanced Control	4 Pin Cordset		54711			\$ 4,641	
XREP3	Enhanced Control with ProfiBus	4 Pin, 5 Pin Cordset		54711, 55199			\$ 5,253	
XREM3	Enhanced Control with ModBus	4 Pin, 5 Pin Cordset		54711, 55199			\$ 5,253	
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	\$ 377	
A46AC	PP	TFE/P	Ceramic	PP	500:1	RPM56405	\$ 387	
A46V1	PP	FKM	316L	PP	500:1	RPM54784	\$ 377	
A46VC	PP	FKM	Ceramic	PP	500:1	RPM54780	\$ 387	
Standard PVDF								
A76AC	PVDF	TFE/P	Ceramic	PVDF	500:1	RPM56405	\$ 723	
A76AT	PVDF	TFE/P	PTFE	PVDF	500:1	RPM56411	\$ 713	
A76VC	PVDF	FKM	Ceramic	PVDF	500:1	RPM54780	\$ 723	
Standard Metallic								
A1611	316L	316L	316L	316L	1000:1	see below	\$ 2,065	
Slurry								
S1614	316L	316L	440C	316L	1000:1	RPM54783	\$ 2,128	
High Viscosity								
V46T1	PP	PTFE	316L	PP	1000:1	RPM54782	\$ 377	
	Standard PP	Diaphragm	O-Rings	Fittings	Connections	Tubing Kit	RPM Kit	
N4PN		PTFE	-	PP	1/2" MNPT	-	\$ -	
N2FN		PTFE	-	PP/PVC	DN15 Female	-	\$ 50	
	Standard PVDF							
N2FN		PTFE	-	PP/PVC	DN15 Female	-	\$ 50	
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	\$ 316	
XRE13	1	A46VC	N4PN					

RPM Kit	Price	RPM Kit	Price	Contents
RPM54780	\$ 164	RPM56405	\$ 226	● Primary Diaphragm ● Secondary Diaphragm housing seal
RPM54781	\$ 629	RPM56406	\$ 221	
RPM54782	\$ 193	RPM56408	\$ 670	● Required O-rings ● Replacable Check valves or components
RPM54783	\$ 677	RPM56411	\$ 247	
RPM54784	\$ 161			

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

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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	\$ 4,131		
XRE94	Enhanced Control	4 Pin Cordset		54711			\$ 5,049		
XREP4	Enhanced Control with ProfiBus	4 Pin, 5 Pin Cordset		54711, 55199			\$ 5,661		
XREM4	Enhanced Control with ModBus	4 Pin, 5 Pin Cordset		54711, 55199			\$ 5,661		
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	\$ 377	
A46AC		PP	TFE/P	Ceramic	PVDF	500:1	RPM56405	\$ 387	
A46V1		PP	FKM	316L	PVDF	500:1	RPM54784	\$ 377	
A46VC		PP	FKM	Ceramic	PVDF	500:1	RPM54780	\$ 387	
Standard PVDF									
A76AC		PVDF	TFE/P	Ceramic	PVDF	500:1	RPM56405	\$ 723	
A76AT		PVDF	TFE/P	PTFE	PVDF	500:1	RPM56411	\$ 713	
A76VC		PVDF	FKM	Ceramic	PVDF	500:1	RPM54780	\$ 723	
Standard Metallic									
A1611		316L	316L	316L	316L	1000:1	see below	\$ 2,065	
Slurry									
S1614		316L	316L	440C	316L	1000:1	RPM54783	\$ 2,128	
High Viscosity									
V46T1		PP	PTFE	316L	PP	1000:1	RPM54782	\$ 377	
Standard PP		Diaphragm	O-Rings	Fittings	Connections	Tubing Kit	RPM Kit		
		N7NN	PTFE	-	PVDF	3/4" MNPT	-	\$ 102	
		N2GN	PTFE	-	PVDF/PVC	DN20 Female	-	\$ 148	
		Standard PVDF							
		N7NN	PTFE	-	PVDF	3/4" MNPT	-	\$ 102	
		N2GN	PTFE	-	PVDF/PVC	DN20 Female	-	\$ 148	
		Standard Metallic							
		A1NN	PTFE	TFE/P	316L	3/4" FNPT	-	RPM56408	\$ 102
	V1NN	PTFE	FKM	316L	3/4" FNPT	-	RPM54781	\$ 102	
	Slurry								
	V1NN	PTFE	FKM	316L	3/4" FNPT	-	\$ 102		
	High Viscosity								
	N4N5	PTFE	-	PP	3/4" MNPT	5	\$ 469		
	XRE14	1	A46VC	N7NN					

RPM Kit	Price	RPM Kit	Price	Contents
RPM54780	\$ 164	RPM56405	\$ 226	• Primary Diaphragm
RPM54781	\$ 629	RPM56406	\$ 221	• Secondary Diaphragm
RPM54782	\$ 193	RPM56408	\$ 670	housing seal
RPM54783	\$ 677	RPM56411	\$ 247	• Required O-rings
RPM54784	\$ 161			• 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

Tubing Kits (included in select pump configurations)

Tubing Kit 1	Tubing Kit 2	Tubing Kit 3	Tubing Kit 4	Tubing Kit 5
<ul style="list-style-type: none"> ● Injection Valve ● Foot Valve ● 1 Weight (Suction Tubing) ● 16' PE Tube 3/8" ● 20' Reinforced PVC Hose 1/4" x 1/2" 	<ul style="list-style-type: none"> ● Injection Valve ● Foot Valve ● 1 Weight (Suction Tubing) ● Metric Ferrules 6x12mm ● 6m Reinforced PVC Hose 6x12mm 	<ul style="list-style-type: none"> ● 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 	<ul style="list-style-type: none"> ● 2m Reinforced PVC hose 15x23mm (Suction) ● 1 suction hose fitting (1/2" FNPT X 15x23 hose) & 2 hose clamps 	<ul style="list-style-type: none"> ● 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	\$ 63
58987	Foot Valve, Mixed	\$ 57
59008	Connection Kit, 0.375 and 0.25x0.5	\$ 273
Tubing Kit, includes:		
10342-10	3/8" TUBE X 10 FT	\$ 13
54342-20	1/4" x 1/2" HOSE x 20 FT	\$ 82
PP Head, Ceramic Balls		
58983	Injection Valve, Mixed	\$ 63
58985	Foot Valve, Aflas	\$ 57
59008	Connection Kit, 0.375 and 0.25x0.5	\$ 273
Tubing Kit, includes:		
10342-10	3/8" TUBE X 10 FT	\$ 13
54342-20	1/4" x 1/2" HOSE x 20 FT	\$ 82
PVDF Head, Ceramic Balls		
58983	Injection Valve, Mixed	\$ 63
58986	Foot Valve, PTFE	\$ 57
59008	Connection Kit, 0.375 and 0.25x0.5	\$ 273
Tubing Kit, includes:		
10342-10	3/8" TUBE X 10 FT	\$ 13
54342-20	1/4" x 1/2" HOSE x 20 FT	\$ 82

Metric Connections		
Part No.	Description	Price
PP Head, 316 SS Balls		
58982	Injection Valve, PTFE	\$ 63
58987	Foot Valve, Mixed	\$ 57
59009	Connection Kit, 6x12	\$ 65
Tubing Kit, includes:		
36181-6M	8mm TUBE X 6m	\$ 24
70121-6M	6x12mm HOSE X 6m	\$ 33
PP Head, Ceramic Balls		
58983	Injection Valve, Mixed	\$ 63
58985	Foot Valve, Aflas	\$ 57
59009	Connection Kit, 6x12	\$ 65
Tubing Kit, includes:		
36181-6M	8mm TUBE X 6m	\$ 24
70121-6M	6x12mm HOSE X 6m	\$ 33
PVDF Head, Ceramic Balls		
58983	Injection Valve, Mixed	\$ 63
58986	Foot Valve, PTFE	\$ 57
59009	Connection Kit, 6x12	\$ 65
Tubing Kit, includes:		
36181-6M	8mm TUBE X 6m	\$ 24
70121-6M	6x12mm HOSE X 6m	\$ 33
High Viscosity		
58984	Injection Valve, HV	\$ 63
59010	Connection Kit, Hose Clamp	\$ 29
59013	Tubing Kit, HV	\$ 42

OUTPUT CODE XRDx4, XREx3 (NPT Connections only)

Tubing Connections		
Part No.	Description	Price
PP Head		
26758	Injec. Valve, 0.5" Tube, PP, PTFE, Cer	\$ 92
25154	Foot Valve, 0.5" Tube, PP, PTFE, Cer	\$ 97
77384	Connection Kit, 0.5" Tubing	\$ 14
PVDF Head		
33481	Injec. Valve, 0.5" Tube, PVDF, PTFE, Cer	\$ 104
33480	Foot Valve, 0.5" Tube, PVDF, PTFE, Cer	\$ 105
77384	Connection Kit, 0.5" Tubing	\$ 14

NPT Connections		
Part No.	Description	Price
PP Head		
26710	Injection Valve, NPT, PP, PTFE, Cer	\$ 128
26015	Foot Valve, NPT, PP, PTFE, Cer	\$ 97
PVDF Head		
38270	Injection Valve, NPT, PVDF, PTFE, Cer	\$ 147
38271	Foot Valve, NPT, PVDF, PTFE, Cer	\$ 91
High Viscosity		
56912	Injec. Valve, 0.5" MNPT, PVDF, PTFE, Cer	\$ 125

EXCEL[®] XR PUMP SELECTION AND PRICING

OUTPUT CODE XREx4

Part No.	Description	Price
PP Head		
56909	Injection Valve, 0.75" MNPT, PP, PTFE, Cer	\$ 125
56914	Foot Valve, 0.75" MNPT, PP, PTFE, Cer	\$ 95
PVDF Head		
56910	Injec. Valve, 0.75" MNPT, PVDF, PTFE, Cer	\$ 144
56915	Foot Valve, 0.75" MNPT, PVDF, PTFE, Cer	\$ 89
High Viscosity		
56911	Injec. Valve, 0.75" MNPT, PVDF, PTFE, Cer	\$ 125

ACCESSORIES

Tubing Connection Kits (One kit needed per tube end)

Kit No.	Description	Price
54714	TUBING CONNECTION KIT, 3/8" TUBE	\$ 5
54715	TUBING CONNECTION KIT, 1/4"x1/2" HOSE	\$ 5
54716	TUBING CONNECTION KIT, 8mm TUBE	\$ 7
54717	TUBING CONNECTION KIT, 6x12mm HOSE	\$ 5
54718	TUBING CONNECTION KIT, 1/2" TUBE	\$ 7
48378	COUPLING NUT	\$ 6
10411	COUPLING NUT, 1/2" TUBE	\$ 8

Tubing

Part No.	Description	Price
10342-10	3/8" TUBE X 10 FT	\$ 13
10142-10	1/2" TUBE X 10 FT	\$ 15
54342-20	1/4"x1/2" HOSE X 20 FT	\$ 82
36181-6M	8mm TUBE X 6m	\$ 24
70121-6M	6x12mm HOSE X 6m	\$ 33

Bulk Kit of 20 Ferrules Each Kit

Kit No.	Description	Price
54800	BULK FERRULE KIT, 3/8" TUBE	\$ 24
54801	BULK FERRULE KIT, 1/4"x1/2" HOSE	\$ 24
54802	BULK FERRULE KIT, 8mm TUBE	\$ 61
54803	BULK FERRULE KIT, 6x12mm HOSE	\$ 49

Input/Output Cordsets

Part No.	Description	Application Notes	Price
48414	CORDSET, 5 PIN, 2 M / 6.6 FT	(J2) Digital output	\$ 71
49035	CORDSET, 6 PIN, 2 M / 6.6 FT	(J1 & J4) Digital input & Analog output	\$ 92
54711	CORDSET, 4 PIN, 2 M / 6.6 FT	(J3) Analog input	\$ 66
55199	CORDSET, 5 PIN, 2 M / 6.6 FT	(C) ProfiBus/ModBus Communicaton	\$ 122

Extension Cable Assembles - 5 Pin

Part No.	Description	Price
50503-6	Extension Cable, 6 M / 19.7 Ft	\$ 143
50503-15	Extension Cable, 15 M / 49.2 Ft	\$ 245

Extension Cable Assembles - 6 Pin

Part No.	Description	Price
50684-6	Extension Cable, 6 M / 19.7 Ft	\$ 200
50684-30	Extension Cable, 30 M / 98.4 Ft	\$ 448

Excel® XR METERING PUMP SERIES

Parts by Number

Part Number	Description	List Price	Part Number	Description	List Price
10138	BALL	\$ 9	54804	BULK FERRULE KIT, 1/2" TUBE	\$ 33
10228	SEAT	\$ 13	58994	ASM, CHECK VALVE CARTRIDGE, TEFLON	\$ 22
10338	BALL	\$ 4	70033	LIQUID END HEAD Size 4 316L ss	\$ 737
10411	COUPLING NUT	\$ 8	70034	LIQUID END HEAD Size 6 316L ss	\$ 1,355
10659	BALL	\$ 5	70117	LIQUID END HEAD Size 4 PVDF	\$ 461
25042	BALL	\$ 5	70143	FERULE, MALE	\$ 3
25128	SEAT	\$ 15	70185	FERULE, MALE	\$ 3
25558	SPRING	\$ 6	70186	FERULE, FEMALE	\$ 3
25906	LIQUID END HEAD Size 6 PP	\$ 332	70187	FERULE, MALE	\$ 2
32234	LIQUID END HEAD Size 6 PVDF	\$ 1,499	70188	FERULE, FEMALE	\$ 3
35031	LIQUID END HEAD Size 4 PP Hi Vis	\$ 222	70192	FERULE, MALE	\$ 3
35326	SEAT	\$ 27	70193	FERULE, FEMALE	\$ 2
35330	SECONDARY DIAPHRAGM	\$ 16	77118	ASSEMBLY, DIAPHRAGM	\$ 269
36054	SEAT	\$ 5	77119	ASSEMBLY, DIAPHRAGM	\$ 302
36103	O-RING	\$ 3	0210599016N	FITTING	\$ 194
36116	CARTRIDGE	\$ 3	0210696016N	FITTING	\$ 151
36953	ASSEMBLY, DIAPHRAGM	\$ 180	0920046016N	BALL STOP	\$ 56
37012	LIQUID END HEAD Size 4 PP	\$ 122	0920064016N	BALL STOP	\$ 54
37340	SEAT	\$ 6	4070014112N	BALL	\$ 1
37341	SPRING	\$ 5	4370000144N	BALL	\$ 5
48145	SEAT	\$ 5	4370000224N	BALL	\$ 22
48349	O-RING	\$ 3	4370002094N	BALL	\$ 28
48378	COUPLING NUT	\$ 6	4370002144N	BALL	\$ 43
48485	LIQUID END HEAD Size 6 PP Hi Vis	\$ 591	4370002224N	BALL	\$ 20
48851	CORD, POWER USA 120V, A+	\$ 51	4380051072N	O-RING	\$ 3
48852	CORD, POWER USA 230V, A+	\$ 51	4380051162N	O-RING	\$ 1
48853	CORD, POWER DIN, A+	\$ 58	52702-1680	BEZEL,DISPLAY	\$ 54
48855	CORD, POWER BRITISH, A+	\$ 51	52702-1810	CLEAR COVER,DISPLAY	\$ 57
48856	CORD, POWER AUST, A+	\$ 51	RPM54771	RPM Size 4 PP/Ceramic Tube Conn	\$ 338
48857	CORD, POWER SWISS, A+	\$ 46	RPM54772	RPM Size 4 PP/Ceramic DN15 Conn	\$ 325
48859	CORD, POWER NO PLUG, A+	\$ 46	RPM54773	RPM Size 4 PVDF/Ceramic Tube Conn	\$ 336
53441	FERULE, MALE	\$ 37	RPM54774	RPM Size 4 PVDF/Ceramic DN15 Conn	\$ 324
53442	FERULE, FEMALE	\$ 21	RPM54775	RPM Size 4 316 ss Standard	\$ 607
54195	DISPLAY MEMBRANE	\$ 100	RPM54776	RPM Size 4 316 ss Slurry	\$ 701
54714	CONN KIT, 3/8" TUBE	\$ 5	RPM54777	RPM Size 4 PP/316 Ball Hi Vis	\$ 320
54715	CONN KIT, 1/4"x1/2" HOSE	\$ 5	RPM54778	RPM Size 4 PP/316 Ball Tube Conn	\$ 336
54716	CONN KIT, 8mm TUBE	\$ 7	RPM54779	RPM Size 4 PP/316 Ball DN15	\$ 324
54717	CONN KIT, 6x12mm HOSE	\$ 5	RPM54780	RPM Size 6 Ceramic Ball FKM Seat	\$ 164
54718	CONN KIT, 1/2" TUBE	\$ 7	RPM54781	RPM Size 6 316 ss Standard	\$ 629
54800	BULK FERRULE KIT, 3/8" TUBE	\$ 24	RPM54782	RPM Size 6 PP Hi Viscosity	\$ 193
54801	BULK FERRULE KIT, 1/4"x1/2" HOSE	\$ 24	RPM54783	RPM Size 6 316L ss Ball & Seat Slurry	\$ 677
54802	BULK FERRULE KIT, 8mm TUBE	\$ 61	RPM54784	RPM Size 6 316Lss Ball FKM Seat	\$ 161
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

SIZE CODE 2

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

SD2										Price		
Drive End										Price		
SD2	Size Code									\$ 1,720		
		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										\$ 251
	9	0.33 HP (.25 kW), 1425 RPM, 1 Phase, 50 Hertz, 115/230 Volt, TEFC, NEMA 56C										\$ 251
	J	0.25 HP, 1725 RPM, 3 Phase, 60 Hertz, 230/460 Volt, TEFC, NEMA 56C										\$ 251
	L	0.33 HP (.25 kW), 1425 RPM, 3 Phase, 50 Hertz, 220/380/440 Volt, TEFC, NEMA 56C										\$ 251
	P	DC Variable Speed Drive; 0.5 HP 1725 RPM TEFC motor w/DC Drive, 4-20 mA input, NEMA 4/12 115 VAC										\$ 2,000
	X	Mount less Motor; Flange Mount, NEMA 56C										\$ -
		Liquid End	Head	Valves	Seals	Seats	Balls	RPM				
	2	PVDF	PVDF	PVDF	PolyPrel®	C22	Ceramic	RPM099		\$ 1,337		
	8	PVC	PVC	PVDF	PolyPrel®	C22	Ceramic	RPM099		\$ 815		
	7	316 SS	316 SS	316 SS	PTFE	316 SS	316 SS	RPM101		\$ 1,885		
	P	Polymer Apps.	PVC	PVDF	Viton®	C 22	Alloy 20	Call Factory		\$ 1,645		
	N	H2SO4 Apps	PVC	PVDF	PolyPrel®	Alloy 20	Alloy 20	Call Factory		\$ 1,659		
		Connection Code										
	P	Standard 1/4" NPTM										\$ -
	T	Tubing (Barb Fitting) 1/4"										\$ -
SD2	1	8	2	P								

RPM	Price	Contents
RPM099	\$ 1,009.50	
RPM101	\$ 940.50	*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

SIZE CODE 4

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

SD4										Price	
Drive End											
SD4	Size Code									\$ 1,720	
60Hz					50Hz						
Gear Code	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										\$ 251
9	0.33 HP (.25 kW), 1425 RPM, 1 Phase, 50 Hertz, 115/230 Volt, TEFC, NEMA 56C										\$ 251
J	0.25 HP, 1725 RPM, 3 Phase, 60 Hertz, 230/460 Volt, TEFC, NEMA 56C										\$ 251
L	0.33 HP (.25 kW), 1425 RPM, 3 Phase, 50 Hertz, 220/380/440 Volt, TEFC, NEMA 56C										\$ 251
P	DC Variable Speed Drive; 0.5 HP 1725 RPM TEFC motor w/DC Drive, 4-20 mA input, NEMA 4/12 115 VAC										\$ 2,000
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				\$ 1,337
8	PVC	PVC	PVDF	PolyPrel®	PTFE	Ceramic	RPM102				\$ 815
7	316 SS	316 SS	316 SS	PTFE	316 SS	316 SS	RPM104				\$ 1,885
P	Polymer Apps	PVC	PVDF	Viton®	316 SS	316 SS	RPM196				\$ 1,645
L	Slurry Apps	316 SS	316 SS	-	316 SS	316 SS	RPM212				\$ 2,252
N	H2SO4 Apps	PVC	PVDF	PolyPrel®	Alloy 20	Alloy 20	RPM173				\$ 1,659
Connection Code											
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					\$ -
SD4	1	8	2	P							

RPM Kit	Price	Contents
RPM102	\$ 387.00	*Diaphragm
RPM102	\$ 387.00	*Oil Seal
RPM104	\$ 511.50	*O-Rings
RPM196	\$ 1,357.50	*Suction & Discharge
RPM173	\$ 883.50	Cartridge, OR
RPM212	\$ 1,228.50	*Balls & Seats

Degassing Valve	Price
38794	\$ 224

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

SIZE CODE 7

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

SD7										Price	
Drive End											
SD7	Size Code									\$ 1,720	
Gear Code	60Hz					50Hz					
	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										\$ 251
9	0.33 HP (.25 kW), 1425 RPM, 1 Phase, 50 Hertz, 115/230 Volt, TEFC, NEMA 56C										\$ 251
J	0.25 HP, 1725 RPM, 3 Phase, 60 Hertz, 230/460 Volt, TEFC, NEMA 56C										\$ 251
L	0.33 HP (.25 kW), 1425 RPM, 3 Phase, 50 Hertz, 220/380/440 Volt, TEFC, NEMA 56C										\$ 251
P	DC Variable Speed Drive; 0.5 HP 1725 RPM TEFC motor w/DC Drive, 4-20 mA input, NEMA 4/12 115 VAC										\$ 2,000
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		\$ 2,938		
8	PVC	PVC	PVDF	Viton®	PVC	Ceramic	RPM135		\$ 1,334		
7	316 SS	316 SS	316 SS	Viton®	316 SS	316 SS	RPM137		\$ 2,140		
P	Polymer Apps	PVC	PVC	Viton®	316 SS	316 SS	RPM211		\$ 1,709		
L	Slurry Apps	PVC	316 SS	Viton®	316 SS	316 SS	RPM401		\$ 3,341		
N	H2SO4 Apps	PVC	PVDF	PolyPrel®	Alloy 20	Alloy 20	RPM175		\$ 2,215		
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	\$ 393.00	*Diaphragm
RPM136	\$ 435.00	*Oil Seal
RPM137	\$ 1,345.50	*O-Rings
RPM211	\$ 901.50	*Suction & Discharge
RPM175	\$ 780.00	Cartridge, OR
RPM401	\$ 1,170.00	*Balls & Seats

Degassing Valve	Price
61411	\$ 1,581

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

SIZE CODE 8

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

SD8										Price		
Drive End												
SD8	Size Code									\$ 2,011		
		60Hz					50Hz					
Gear Code	GPH	LPH	psi	bar	SPM	GPH	LPH	psi	bar	SPM		
1	31	117	75	5	43	26	98	75	5	36	\$ -	
2	57	216	75	5	86	47	178	75	5	72	\$ -	
6	87	329	75	5	120	72	273	75	5	102	\$ -	
3	127	481	75	5	173	106	401	75	5	144	\$ -	
		Motor Code										
8	0.25 HP, 1725 RPM, 1 Phase, 60 Hertz, 115/230 Volt, TEFC, NEMA 56C									\$ 251		
9	0.33 HP (.25 kW), 1425 RPM, 1 Phase, 50 Hertz, 115/230 Volt, TEFC, NEMA 56C									\$ 251		
J	0.25 HP, 1725 RPM, 3 Phase, 60 Hertz, 230/460 Volt, TEFC, NEMA 56C									\$ 251		
L	0.33 HP (.25 kW), 1425 RPM, 3 Phase, 50 Hertz, 220/380/440 Volt, TEFC, NEMA 56C									\$ 251		
P	DC Variable Speed Drive; 0.5 HP 1725 RPM TEFC motor w/DC Drive, 4-20 mA input, NEMA 4/12 115 VAC									\$ 2,000		
X	Mount less Motor; Flange Mount, NEMA 56C									\$ -		
		Liquid End	Head	Valves	Seals	Seats	Balls	RPM Kit				
2	PVDF	PVDF	PVDF	Teflex®	PVDF	Ceramic	RPM106			\$ 3,042		
8	PVC	PVC	PVDF	Viton®	PVC	Ceramic	RPM105			\$ 1,547		
7	316 SS	316 SS	316 SS	Viton®	316 SS	316 SS	RPM107			\$ 3,520		
P	Polymer Apps	PVC	PVC	Viton®	316 SS	316 SS	RPM210			\$ 1,785		
L	Slurry Apps	PVC	316 SS	Viton®	316 SS	316 SS	Call Factory			\$ 3,614		
N	H2SO4 Apps	PVC	PVDF	Viton®	Alloy 20	Alloy 20	RPM183			\$ 2,413		
		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			\$ -		
SD8	1	8	2	P								

RPM Kit	Price	Contents
RPM105	\$ 393.00	*Diaphragm
RPM106	\$ 388.50	*Oil Seal
RPM107	\$1,345.50	*O-Rings
RPM210	\$ 684.00	*Suction & Discharge
RPM183	\$ 804.00	Cartridge, OR *Balls & Seats

Degassing Valve	Price
61411	\$ 1,581

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

Series G Model SD Drive End

SD					Price
Drive End Only					Price
SD					\$ -
Liquid End Size Code				Max GPH at 173 SPM	
2	Only fits on Liquid End Code 2			0.7	\$ 1,720
4	Liquid End Code 4 & 7 are interchangeable on drives with any of these codes			14.4	\$ 1,720
7	Liquid End Code 4 & 7 are interchangeable on drives with any of these codes			50	\$ 1,720
8	Only fits on Liquid End Code 8			127	\$ 2,011
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				\$ 251
9	0.33 HP (.25 kW), 1425 RPM, 1 Phase, 50 Hertz, 115/230 Volt, TEFC, NEMA 56C				\$ 251
J	0.25 HP, 1725 RPM, 3 Phase, 60 Hertz, 230/460 Volt, TEFC, NEMA 56C				\$ 251
L	0.33 HP (.25 kW), 1425 RPM, 3 Phase, 50 Hertz, 220/380/440 Volt, TEFC, NEMA 56C				\$ 251
P	0.5 HP 1725 RPM TEFC motor w/DC Drive, 4-20 mA Input, NEMA 4/12 115 VAC				\$ 2,000
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

Series G Model SD Liquid End

SD								Price
Liquid End Only								
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	\$ 1,337
8	PVC	PVC	PVDF	PolyPrel®	C22	Ceramic	RPM099	\$ 815
7	316 SS	316 SS	316 SS	PTFE	316 SS	316 SS	RPM101	\$ 1,885
P	Polymer Apps.	PVC	PVDF	Viton®	Alloy 22	Alloy 20	Call Factory	\$ 1,645
N	H2SO4 Apps	PVC	PVDF	PolyPrel®	Alloy 20	Alloy 20	Call Factory	\$ 1,659
Size Code 4		Head	Valves	Seals	Seats	Balls	RPM Kit	
2	PVDF	PVDF	PVDF	Teflex®	PVDF	Ceramic	RPM102	\$ 1,337
8	PVC	PVC	PVDF	Viton®	PVC	Ceramic	RPM102	\$ 815
7	316 SS	316 SS	316 SS	Viton®	316 SS	316 SS	RPM104	\$ 1,885
P	Polymer Apps	PVC	PVC	Viton®	316 SS	316 SS	RPM196	\$ 1,645
L	Slurry Apps	PVC	316 SS	Viton®	316 SS	316 SS	RPM212	\$ 2,252
N	H2SO4 Apps	PVC	PVDF	Viton®	Alloy 20	Alloy 20	RPM173	\$ 1,659
Size Code 7		Head	Valves	Seals	Seats	Balls	RPM Kit	
2	PVDF	PVDF	PVDF	Teflex®	PVDF	Ceramic	RPM136	\$ 2,938
8	PVC	PVC	PVDF	Viton®	PVC	Ceramic	RPM135	\$ 1,334
7	316 SS	316 SS	316 SS	Viton®	316 SS	316 SS	RPM137	\$ 2,140
P	Polymer Apps	PVC	PVC	Viton®	316 SS	316 SS	RPM211	\$ 1,709
L	Slurry Apps	PVC	316 SS	Viton®	316 SS	316 SS	RPM401	\$ 3,341
N	H2SO4 Apps	PVC	PVDF	PolyPrel®	Alloy 20	Alloy 20	RPM175	\$ 2,215
Size Code 8		Head	Valves	Seals	Seats	Balls	RPM Kit	
2	PVDF	PVDF	PVDF	Teflex®	PVDF	Ceramic	RPM106	\$ 3,042
8	PVC	PVC	PVDF	Viton®	PVC	Ceramic	RPM105	\$ 1,547
7	316 SS	316 SS	316 SS	Viton®	316 SS	316 SS	RPM107	\$ 3,520
P	Polymer Apps	PVC	PVC	Viton®	316 SS	316 SS	RPM210	\$ 1,785
L	Slurry Apps	PVC	316 SS	Viton®	316 SS	316 SS	Call Factory	\$ 3,614
N	H2SO4 Apps	PVC	PVDF	Viton®	Alloy 20	Alloy 20	RPM183	\$ 2,413
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	\$ 224
61411	\$ 1,581

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

SIZE CODE 5

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

SG5											Price	
Drive End												
SG5 Size Code											\$ 2,760	
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										\$ 391	
9	1 HP (.75 kW), 1425 RPM, 1 Phase, 50 Hertz, 115/230 Volt, TE, NEMA 56C										\$ 391	
J	1 hp, 1725 RPM, 3 Phase, 60 Hertz, 230/460 Volt, TEFC, NEMA 56C										\$ 391	
L	1 HP (.75 kW), 1450 RPM, 3 Phase, 50 Hertz, 220/380 Volt, TEFC, NEMA 56C										\$ 391	
P	1 HP 1725 RPM TEFC motor w/DC Drive, 4-20 mA input, NEMA 4/12 115 VAC										\$ 2,000	
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	\$ 2,693				
7	316 SS	316 SS	316 SS	Viton®	316 SS	316 SS	RPM047	\$ 3,217				
8	PVC	PVC	PVC	Viton®	PVC	Ceramic	RPM045	\$ 1,398				
4	Black PP	Black PP	PVDF	Viton®	PVC	Ceramic	RPM045	\$ 1,906				
C	Caustic Apps	PVC	PVDF	EPDM	PVC	Ceramic	RPM483	\$ 1,398				
F	Flouride Apps	PVC	PVDF	Viton®	PVC	PTFE	RPM045	\$ 1,398				
P	Polymer Apps	PVC	PVDF	Viton®	316 SS	316 SS	RPM126	\$ 1,878				
L	Slurry Apps*	PVC	316 SS	Viton®	316 SS (pin)	316 SS	SEE NOTE	\$ 1,775				
N	H2SO4 Apps	PVC	PVDF	Viton®	Alloy 20	Alloy 20	RPM175	\$ 2,031				
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	\$ 525.00	
RPM046	\$ 508.50	*Diaphragm
RPM047	\$ 1,549.50	*Oil Seal
RPM483	\$ 345.00	*O-Rings
RPM126	\$ 1,048.50	*Suction & Discharge Cartridge, OR
RPM175	\$ 780.00	*Balls & Seats
RPM226	\$ 2,293.50	
RPM400	\$ 1,686.00	

Degassing Valve	Price
61411	\$ 1,581

***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

SIZE CODE 6

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

SG6											Price		
Drive End											SG6	Size Code	Price
											\$	2,760	
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											\$	391	
9 1 HP (.75 kW), 1425 RPM, 1 Phase, 50 Hertz, 115/230 Volt, TE, NEMA 56C											\$	391	
J 1 hp, 1725 RPM, 3 Phase, 60 Hertz, 230/460 Volt, TEFC, NEMA 56C											\$	391	
L 1 HP (.75 kW), 1450 RPM, 3 Phase, 50 Hertz, 220/380 Volt, TEFC, NEMA 56C											\$	391	
P 1 HP 1725 RPM TEFC motor w/DC Drive, 4-20 ma input, NEMA 4/12 115 VAC											\$	2,000	
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						\$	4,662
7 316 SS	316 SS	316 SS	PTFE	316 SS	316 SS	RPM050						\$	3,519
8 PVC	PVC	PVC	Viton®	PE	Ceramic	RPM048						\$	1,704
4 Black PP	Black PP	PP	Viton®	PE	Ceramic	RPM048						\$	2,131
C Caustic Apps	PVC	PVC	EPDM	PE	Ceramic	RPM485						\$	1,704
F Flouride Apps	PVC	PVC	Viton®	PE	PTFE	RPM048						\$	1,704
P Polymer Apps	PVC	PVC	Viton®	316 SS	316 SS	RPM176						\$	2,714
L Slurry Apps	PVC	316 SS	Viton®	316 SS (pin)	316 SS	RPM219						\$	3,571
N H2SO4 Apps	PVC	PVDF	Viton®	Alloy 20	Alloy 20	RPM194						\$	2,531
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	\$ 655.50	*Diaphragm
RPM049	\$ 1,071.00	*Oil Seal
RPM050	\$ 615.00	*O-Rings
RPM176	\$ 1,555.50	*Suction & Discharge
RPM194	\$ 3,454.50	Cartridge, OR
RPM219	\$ 1,068.00	*Balls & Seats
RPM485	\$ 475.50	

Degassing Valve	Price
61411	\$ 1,581

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

SIZE CODE 7

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

SG7 Drive End										Price		
SG7 Size Code										\$ 2,898		
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 HP, 1725 RPM, 1 Phase, 60 Hertz, 115/230 Volt, TEFC, NEMA 56C										\$ 391	
9	1 HP (.75 kW), 1425 RPM, 1 Phase, 50 Hertz, 115/230 Volt, TE, NEMA 56C										\$ 391	
J	1 hp, 1725 RPM, 3 Phase, 60 Hertz, 230/460 Volt, TEFC, NEMA 56C										\$ 391	
L	1 HP (.75 kW), 1450 RPM, 3 Phase, 50 Hertz, 220/380 Volt, TEFC, NEMA 56C										\$ 391	
P	1 HP 1725 RPM TEFC motor w/DC Drive, 4-20 ma input, NEMA 4/12 115 VAC										\$ 2,000	
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					\$ 6,844
7	316 SS	316 SS	316 SS	PTFE	316 SS	316 SS	RPM053					\$ 4,352
8	PVC	PVC	PVC	Viton®	PE	Ceramic	RPM051					\$ 3,178
C	Caustic Apps	PVC	PVC	EPDM	PE	Ceramic	RPM487					\$ 3,178
F	Flouride Apps	PVC	PVC	Viton®	PE	Teflon	RPM488					\$ 3,178
P	Polymer Apps	PVC	PVC	Viton®	316 SS	316 SS	RPM221					\$ 4,425
L	Slurry Apps	PVC	316 SS	Viton®	316 SS (pin)	316 SS	RPM220					\$ 4,810
N	H2SO4 Apps	PVC	PVC	Viton®	Alloy 20	Alloy 20	RPM203					\$ 4,740
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	\$ 688.50	*Diaphragm
RPM052	\$ 1,119.00	*Oil Seal
RPM053	\$ 982.50	*O-Rings
RPM203	\$ 2,947.50	*Suction & Discharge Cartridge, OR
RPM220	\$ 1,179.00	*Balls & Seats
RPM221	\$ 2,227.50	
RPM487	\$ 525.00	
RPM488	\$ 363.00	

Degassing Valve	Price
61421	\$ 2,289

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

Series G Model SG Drive End

SG				Drive End Only	Price
SG	Size Code			\$	2,760
	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		\$	391
	9	1 HP (.75 kW), 1425 RPM, 1 Phase, 50 Hertz, 115/230 Volt, TE, NEMA 56C		\$	391
	J	1 hp, 1725 RPM, 3 Phase, 60 Hertz, 230/460 Volt, TEFC, NEMA 56C		\$	391
	L	1 HP (.75 kW), 1450 RPM, 3 Phase, 50 Hertz, 220/380 Volt, TEFC, NEMA 56C		\$	391
	P	1 HP 1725 RPM TEFC motor w/DC Drive, 4-20 ma input, NEMA 4/12 115 VAC		\$	2,000
	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

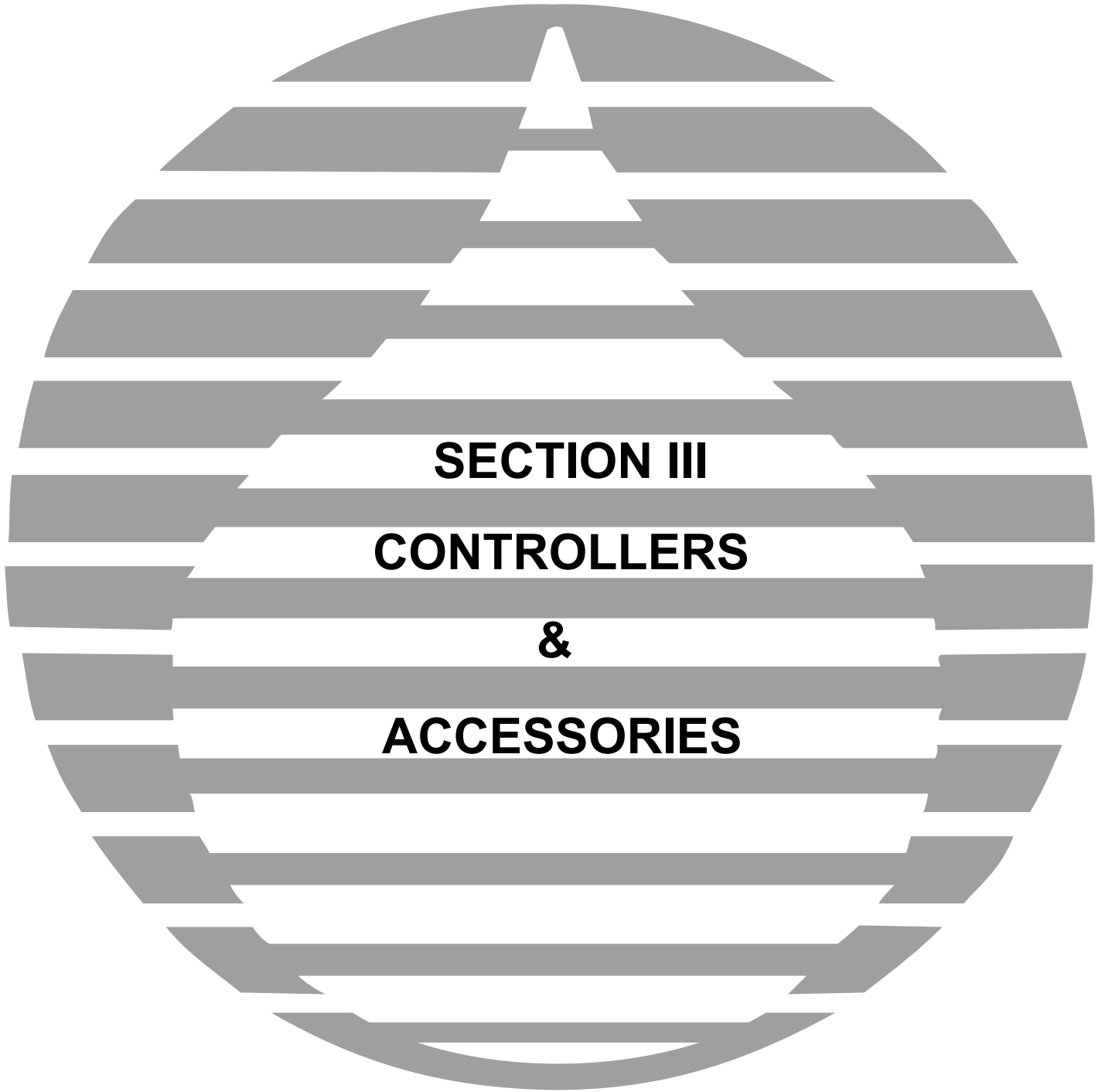
Series G Model SG Liquid End

SG								Price
Liquid End Only								
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	\$ 2,693
7	316 SS	316 SS	316 SS	Viton®	316 SS	316 SS	RPM047	\$ 3,217
8	PVC	PVC	PVC	Viton®	PVC	Ceramic	RPM045	\$ 1,398
4	Black PP	Black PP	PVDF	Viton®	PVC	Ceramic	RPM045	\$ 1,906
C	Caustic Apps	PVC	PVDF	EPDM	PVC	Ceramic	RPM483	\$ 1,398
F	Flouride Apps	PVC	PVDF	Viton®	PVC	PTFE	RPM045	\$ 1,398
P	Polymer Apps	PVC	PVDF	Viton®	316 SS	316 SS	RPM126	\$ 1,878
L	Slurry Apps	PVC	316 SS	Viton®	316 SS (pin)	316 SS	see note	\$ 1,775
N	H2SO4 Apps	PVC	PVDF	Viton®	Alloy 20	Alloy 20	RPM175	\$ 2,031
Size Code 6	Head	Valves	Seals	Seats	Balls	RPM		
2	PVDF	PVDF	PVDF	Teflex®	PVDF	Ceramic	RPM049	\$ 4,662
7	316 SS	316 SS	316 SS	PTFE	316 SS	316 SS	RPM050	\$ 3,519
8	PVC	PVC	PVC	Viton®	PE	Ceramic	RPM048	\$ 1,704
4	Black PP	Black PP	PP	Viton®	PE	Ceramic	RPM048	\$ 2,131
C	Caustic Apps	PVC	PVC	EPDM	PE	Ceramic	RPM485	\$ 1,704
F	Flouride Apps	PVC	PVC	Viton®	PE	PTFE	RPM048	\$ 1,704
P	Polymer Apps	PVC	PVC	Viton®	316 SS	316 SS	RPM176	\$ 2,714
L	Slurry Apps	PVC	316 SS	Viton®	316 SS (pin)	316 SS	RPM219	\$ 3,571
N	H2SO4 Apps	PVC	PVDF	Viton®	Alloy 20	Alloy 20	RPM194	\$ 2,531
Size Code 7	Head	Valves	Seals	Seats	Balls	RPM		
2	PVDF	PVDF	PVDF	Teflex®	PVDF	Ceramic	RPM052	\$ 6,844
7	316 SS	316 SS	316 SS	PTFE	316 SS	316 SS	RPM053	\$ 4,352
8	PVC	PVC	PVC	Viton®	PE	Ceramic	RPM051	\$ 3,178
C	Caustic Apps	PVC	PVC	EPDM	PE	Ceramic	RPM487	\$ 3,178
F	Flouride Apps	PVC	PVC	Viton®	PE	Teflon	RPM488	\$ 3,178
P	Polymer Apps	PVC	PVC	Viton®	316 SS	316 SS	RPM221	\$ 4,425
L	Slurry Apps	PVC	316 SS	Viton®	316 SS (pin)	316 SS	RPM220	\$ 4,810
N	H2SO4 Apps	PVC	PVC	Viton®	Alloy 20	Alloy 20	RPM203	\$ 4,740
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	\$ 1,581
61421	\$ 2,289

Series G Parts
by Number

Part Number	Description	Units	Price	Part Number	Description	Units	Price
21291	DRIVE SHAFT MACROY D	EA	\$ 624.00	60640	DIAPHRAGM CAP GB80 PVDF	EA	\$ 1,416.00
39461	CARTRIDGE ASM, 375	EA	\$ 622.50	60642	SUPPORT NUT GB80 304SS	EA	\$ 1,138.50
40203	WALDES TRIUARC RET RING 5133-12	EA	\$ 12.30	60654	OBSOLETE - SEE S60654	EA	Obsolete
40204	WALDES RET RING X5133-18	EA	\$ 12.30	60733	COUPLING WORM,GM/MACROY D, 56C	EA	\$ 36.15
40348	O-RING TEFLEX PARKER#2-117	EA	Obsolete	60754	BACK-UP PLATE G40/60	EA	\$ 213.00
41065	BREATHER PLUG, 3/8 (#54022)	EA	\$ 58.50	60765	O-RING, TEFLEX-V-123	EA	\$ 32.10
41069	SOC HD SCR #10-24X1-3/4 SS	EA	\$ 12.30	60819	G40 LIME SLURRY, SEAL RING, 316S	EA	\$ 519.00
41655	BALL 9/32 DIA. CA20	EA	\$ 85.50	60828	DO NOT USE (S60829&S60829)	EA	Obsolete
60001	DRIVE HOUSING MACHINED GB	EA	\$ 810.00	60829	DO NOT USE (S60829&S60829)	EA	Obsolete
60002	SLIDING CRANK STEEL GB	EA	\$ 378.00	60855	SEAT 5/8" BALL CA20	EA	\$ 244.50
60003	ECCENTRIC STEEL GB	EA	\$ 328.50	60865	CONV KIT D7,D8,G5 POLYMER 1/2"	EA	\$ 1,089.00
60007	GEAR 10:1 (USE S60007)	EA	Obsolete	60875	ECCENTRIC; STROKE COUNTING	EA	\$ 2,334.00
60009	GEAR 20:1 MACD(SEE S60009)	EA	Obsolete	60876	TARGET; MACG STROKE COUNTING	EA	\$ 1,038.00
60011	GEAR 40:1 MACG(SEE S60011)	EA	Obsolete	60877	HOUSING; STROKE COUNTING	EA	\$ 1,609.50
60014	THRUST FLANGE BEARING GB	EA	\$ 114.00	60878	INDUCTIVE PROXIMITY SWITCH	EA	\$ 1,492.50
60020	WORM 40:1 F130 GB	EA	Obsolete	60931	BASE KIT MACROY	EA	\$ 63.00
60024	CARTRIDGE BODY PVDF GB40	EA	\$ 51.00	60948	STRK ADJ SCR G OBSOL(H60768)	EA	Obsolete
60031	HEAD PVDF GB40	EA	\$ 2,707.50	60949	BRG RET OBSOL(H60757)	EA	Obsolete
60032	HEAD POLYPRO GB40	EA	\$ 289.50	60973	HSG STROKE COUNTING SPECIAL G	EA	\$ 2,125.50
60033	HEAD PVC GB40	EA	\$ 432.00	60974	TARGET ADAPTER STR COUNTING	EA	\$ 3,181.50
60034	OIL SEAL CLAMP ALUM G	EA	\$ 42.00	60995	DIAPHRAGM, MACROY D, LE4	EA	\$ 214.50
60035	DIAPH SUPPORT RING GB40 POLYP	EA	\$ 99.00	61035	SPACER; MACROY D LE 2/4	EA	\$ 414.00
60043	OIL SEAL CLAMP ALUM G	EA	\$ 24.60	61051	SUPPORT NUT; MACD4.0	EA	\$ 309.00
60048	DIAPHRAGM / OIL SEAL BELLOW	EA	\$ 25.95	61052	DIAPHRAGM CAP; PVC; MACD4.0	EA	\$ 214.50
60050	GEAR OBSOLETE - SEE S60050	EA	Obsolete	61053	DIAPHRAGM CAP; PVDF; MACD4.0	EA	\$ 285.00
60052	SHOE GB	EA	\$ 49.50	61055	PTFE WASHER	EA	\$ 14.40
60068	HEAD PVDF GB60	EA	\$ 2,259.00	61056	PVC HEAD	EA	\$ 607.50
60070	DIAPHRAGM SUPPORT RING GB60	EA	\$ 102.00	61057	DIAPHRAGM HEAD, MACD4.0, PVDF	EA	\$ 1,897.00
60086	HEX HEAD PLUG 3/8-19 BSP	EA	\$ 69.00	61059	10-24X 3/4" HI-PREFORM HEXHEAD	EA	\$ 10.50
60117	UNION END 1/2 NPT FEMALE PVC	EA	\$ 43.00	61075	SUPPORT RING MACROY D 4	EA	\$ 120.00
60119	UNION END 1/2 NPT PVDF	EA	\$ 88.50	61076	MAC D & MIL D NAMEPLTE	EA	\$ 28.50
60130	HEAD PVC GB60	EA	\$ 460.50	61083	ADAPTER; MACD2.0	EA	\$ 423.00
60132	UNION END 1" NPT PVC	EA	\$ 40.50	61088	DIAPHRAM SEAT RING	EA	\$ 438.00
60133	UNION END 1" NPT PVDF	EA	\$ 174.00	61089	DIAPHRAGM HEAD PVC SD2	EA	\$ 934.50
60135	COUPLING 1 BSP X 1/2 NPT 316	EA	\$ 345.00	61090	DIAPHRAGM HEAD PVDF SD2	EA	\$ 1,066.50
60147	UNION END 1" BSP PVDF	EA	\$ 493.50	61104	MALE ECCENTRIC SD2	EA	\$ 744.00
60148	CAUTION MOTOR DECAL G	EA	\$ 16.50	61105	FEMALE ECCENTRIC SD2	EA	\$ 687.00
60150	DIAPHRAGM ASSY GB40 PVC	EA	\$ 849.00	61106	DIAPHRAGM HEAD 316SS SD2	EA	\$ 1,437.00
60151	DIAPHRAGM ASSY GB60 PVC	EA	\$ 1,368.00	61107	BALL SEAT 9/32 BALL	EA	\$ 417.00
60159	DIAPHRAGM SUPPORT RING GB80	EA	\$ 336.00	61108	KEY SD2	EA	\$ 337.50
60160	CAP POLYPRO B80 (60639)	EA	Consult	61114	COUPLING IEC 71 FR MAC D	EA	\$ 519.00
60162	DIAPHRAGM GB80 GYLON	EA	\$ 289.50	61115	COUPLING 56CFR MAC D	EA	\$ 1,680.00
60163	SUPPORT NUT ALUM GB80 (60642)	EA	Consult	61116	BEARING DEEP GROOVE SKF# 6203	EA	\$ 38.70
60165	ADAPTER LE/HSG ALUM GB80	EA	\$ 499.50	61118	G60-80 SLURRY VALVE BODY 316	EA	\$ 1,765.50
60171	HEAD PVC GB80	EA	\$ 1,149.00	61136	COVER MACHINED SD	EA	\$ 1,858.50
60173	DIAPH CAP PVDF GB80 (60640)	EA	\$ 784.50	61141	CHECK VALVE SD2-PVC/PVDF-NPT	EA	\$ 948.00
60174	HEAD PVDF GB80	EA	\$ 6,496.50	61142	CHECK VALVE SD2-PVC/PVDF-TUBE	EA	\$ 975.00
60180	DIAPHRAGM HEAD 316 GB80	EA	Obsolete	61145	SUPPORT RING, SD8	EA	\$ 733.50
60199	MOTOR ADAPTER PLATE IEC 80	EA	\$ 336.00	61146	SUPPORT NUT; D8	EA	\$ 447.00
60206	HEX HD SCR M8X130MM LG 304SS	EA	\$ 31.20	61147	HEAD PVDF SD8	EA	\$ 1,227.00
60208	HEX NIPPLE 1/4NPT X 1/4BSP 316	EA	\$ 85.50	61148	HEAD PVC SD8	EA	\$ 474.00
60222	WORM-GEAR-SHAFT 10:1 IEC80	EA	\$ 886.50	61149	HEAD 316SS SD8	EA	Obsolete
60223	WORM-GEAR-SHAFT 20:1 IEC 80	EA	\$ 886.50	61152	SPACER; MACROY D7/8	EA	\$ 16.50
60224	WORM-GEAR-SHAFT 40:1 IEC80	EA	\$ 886.50	61153	SPRING CUP D7/8 (6)	EA	\$ 63.00
60226	DIAPHRAGM ASSY GB80 PVC	EA	\$ 1,620.00	61154	PTFE SEAL RING	EA	\$ 32.85
60227	DIAPHRAGM ASSY GB80 POLYPRO	EA	\$ 1,210.50	61155	ADAPTER, CONN. ROD, SD7/8	EA	\$ 49.50
60228	DIAPHRAGM ASSY GB80 316SS	EA	\$ 2,229.00	61156	LE ADPT, SD7/8(D61156/H51S)	EA	\$ 400.50
60229	DIAPHRAGM ASSY GB80 PVDF	EA	\$ 1,509.00	61216	SEAT CA20 1" BALL, MACROY G	EA	\$ 547.50
60232	D.D. SPACER PVC GB80	EA	\$ 2,143.50	61246	STANDOFF - D/SD ECC	EA	\$ 259.50
60233	D.D. INTER RING PVC GB80	EA	\$ 2,356.50	61247	DRIVE COUPLING - D/SD ECC	EA	\$ 492.00
60260	WORM SHAFT COUPLING IEC 71 FR	EA	\$ 99.00	61260	HEAD BLEED PORT 316 GB40	EA	\$ 1,648.50
60261	WORM SHAFT COUPLING 56C FR	EA	\$ 99.00	61261	STROKE SCREW, ORING, MACROY D	EA	\$ 1,716.00
60264	SPRING LEE LC-092H-1	EA	\$ 12.00	61262	SET SCREW M8 MOD, 3"MACROY D	EA	\$ 87.00
60266	CHECK 1/2NPTF CERAMIC BALL	EA	Obsolete	61266	BASE MACROY G AND D	EA	\$ 181.50
60292	SIDE GUARDS ECC GB MODIFY	EA	\$ 423.00	61270	SEAT 3/8 BALL MACROY D-4, D-2	EA	\$ 366.00
60294	PAN HD SCR SLOT M3X10MM 304SS	EA	\$ 10.50	61273	CHECK VLV SD4-PVC/PVDF-NPT DIS	EA	\$ 759.00
60296	STROKE CONTROL KNOB KIT	EA	\$ 88.50	61274	CHECK VLV SD4-PVC/PVDF-NPT SUC	EA	\$ 423.00
60395	WORM-GEAR-SHAFT 10:1 56C	EA	\$ 886.50	61275	SPRING, LEE LC-016C-8-HAST-C	EA	\$ 478.50
60396	WORM-GEAR-SHAFT 20:1 56C	EA	\$ 886.50	61277	CHKVLSV SLURRY G6,7 KIT	EA	\$ 4,354.50
60397	WORM-GEAR-SHAFT 40:1 56C" G"	EA	\$ 886.50	61300	INDUCTIVE SWITCH CABLE	EA	\$ 153.00
60443	SIDE COVR OBSOLETE USE H60767	EA	Obsolete	61302	VALVE BODY & GUIDE D15, 9, 316L	EA	\$ 600.00
60444	STROKE ADJ (H60768)INS OBSOLET	EA	Obsolete	61303	COUPLING 1 BSP X 3/4 NPT 316	EA	\$ 736.50
60536	HEAD ACRYLIC GB40	EA	\$ 1,597.50	61304	SUC CHECK ASSY G6 316 KIT	EA	\$ 1,738.50
60618	DIAPHRAGM D82 LE 40 GYLON	EA	\$ 214.50	61305	HEAD BLEED PORT PVC GB40	EA	\$ 640.50
60624	DIAPHRAGM GB60 GYLON	EA	\$ 214.50	61306	HEAD BLEED PORT POLY PRO GB40	EA	\$ 810.00
60628	DIAPHRAGM CAP GB40 PVC	EA	\$ 154.50	61307	HEAD BLEED PORT PVDF GB40	EA	\$ 1,677.00
60629	DIAPHRAGM CAP GB40 POLYPRO	EA	\$ 229.50	61316	BALL SEAT 3/8 BALL CA-20	EA	\$ 331.50
60630	DIAPHRAGM CAP GB40 PVDF	EA	\$ 321.00	61319	HEX HD SCR M8X140MM LG 304SS	EA	\$ 12.30
60631	DIAPHRAGM CAP GB40 316SS	EA	\$ 409.50	61377	DIAPHRAGM HEAD BLK POLY SD2	EA	\$ 847.50
60632	SUPPORT NUT GB40 304SS	EA	\$ 271.50	61378	MALE CONN 1/16 NPTM X1/8 TUBE	EA	Obsolete
60633	DIAPHRAGM CAP GB60 PVC	EA	\$ 130.50	61379	MODIFY STUD 1/4 X 1-3/8LG	EA	\$ 292.50
60634	DIAPHRAGM CAP GB60 POLYPRO	EA	\$ 163.50	61380	ADAPTER DOUBLE DIAPH MACD2.0	EA	\$ 831.00
60635	DIAPHRAGM CAP GB60 PVDF	EA	\$ 1,083.00	61381	DIAPH MACROY D2 MODIFY DD	EA	\$ 331.50
60636	DIAPHRAGM CAP GB60 316SS	EA	\$ 541.50	61386	DIAPHRAM SEAT RING DD	EA	\$ 1,023.00
60637	SUPPORT NUT GB60 304SS	EA	\$ 330.00	61395	ELBOW 1" MPT X 1" BARB PVDF	EA	\$ 79.50
60638	DIAPH CAP GB80 PVC (60170)	EA	\$ 402.00	61396	ELBOW 1/2" MPT X 1/2" BARB PVDF	EA	\$ 43.50
60639	DIAPH CAP GB80 POLYPRO (60160)	EA	\$ 2,172.00	61407	DE-GASSING VALVE BODY PVC	EA	\$ 678.00



SECTION III
CONTROLLERS
&
ACCESSORIES

Controllers



CONTROLLERS

Conductivity

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.				\$ 809
	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)			\$ 259
	2	Cooling Tower Carbon Probe and Manifold Assembly with Flow Switch, Sample Valve and 10ft (3m) Cable Assembly (Manifold # 34752)			\$ 464
	3	Boiler Probe Assembly with 1" Cross and 1/2" Conduit Tee (Manifold # 34761)			\$ 372
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

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.				\$ 1,114	
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)				\$ 259	
2	Cooling Tower Carbon Probe and Manifold Assembly with Flow Switch, Sample Valve and 10ft (3m) Cable Assembly (Manifold # 34752)				\$ 464	
3	Cooling Tower Carbon Probe and Manifold Assembly with Flow Switch, Sample Valve and 10ft (3m) Cable Assembly (Manifold # 35657) – Includes 3/4" FNPT Connections				\$ 465	
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

Conductivity Controller - Accessories			
DC4500 Part No.	DC4000 Part No.	Description	Price
35659	35659	Carbon Probe & 3/4" NPT Sch 80 PVC Tee	\$ 254
34758	34758	Carbon Probe & 3/4" Fslip Sch 80 PVC Tee	\$ 259
35657	35657	Carbon Probe & Manifold Assembly, NPT	\$ 465
34752	34752	Carbon Probe & Manifold Assembly	\$ 464
34659	34659	Carbon Probe & Cable	\$ 226
32623	32623	Carbon Probe with Tee & 4-Pin Connector	\$ 321
34565	34565	Flow Switch Assembly with 3/4" Fslip Sch 80 PVC Tee	\$ 177
48088	48088	Flow Switch Assembly with 3/4" Fslip Sch 80 PVC Tee w/	\$ 191
36130	36130	Flow Switch Assembly with 3/4" NPT Sch 80 PVC Tee	\$ 177
36131	36131	Flow Switch Assembly, Threaded	\$ 177
37505	37505	Float Assembly (Techtron)	\$ 45
37586	37586	Tee, Flow Switch Assembly NPT	\$ 50
35674	35674	Tee, Flow Switch Assembly	\$ 16
34572	34572	Flow Switch & 3/4" Fslip	\$ 275
34746	34746	Sample Valve with 3/4" Fslip Sch 80 PVC Tee (Horizontal	\$ 50
34747	34747	Sample Valve with 3/4" Fslip Sch 80 PVC Tee (Vertical	\$ 145
34749	34749	Union Kit, PVC (Union & 2 Sleeves)	\$ 24
37535-20	37535-20	20 FT Extension Cable Assembly, Carbon Probe	\$ 92
37535-50	37535-50	50 FT Extension Cable Assembly, Carbon Probe	\$ 153
37535-100	37535-100	100 FT Extension Cable Assembly, Carbon Probe	\$ 245
-	34761	Boiler Probe Assembly with 1" Cross & 1/2" Conduit	\$ 372

Replacement Parts for Controller Accessories			
DC4500 Part No.	DC4000 Part No.	Description	Price
32829	32829	Clamp, Pipe	\$ 10
32838	32838	Pin, Retaining for Tee	\$ 12
34541	34541	Standoff, Pipe	\$ 6
32383	32383	Tee for 32776 Carbon Probe	\$ 59
35660	35660	Tee Assembly, 3/4" NPT PVC (for carbon probe)	\$ 73
34668	34668	Tee Assembly, 3/4" Fslip PVC (for carbon probe)	\$ 69
-	34759	Boiler Probe	\$ 257
-	34760	Cross, 1"	\$ 81
-	34796	Conduit Box Assembly	\$ 50
-	35058	Nipple, 1/2" Conduit	\$ 4
-	35059	Fitting, 1/2" Conduit	\$ 18
37435	37435	O-Ring, Union	\$ 22
35666	35666	Sample Valve Tee Assembly, 3/4" NPT Vertical	\$ 53

CONTROLLERS

Conductivity

DC4000 - Boiler Accessories		
DC4000 Part Number	Description	Price
35201	Flow Control Valve 1/2" - 800 psi	\$ 1,128
35202	Flow Control Valve 3/4" - 800 psi	\$ 1,348
35206	Orifice Union	Obsolete
35207	Orifice Union w/Plates (no holes)	\$ 226
35208	Orifice Union w/Plates (pre-drilled)	\$ 261
35210	Orifice Plates (no holes)	Obsolete
35211	Orifice Plates (pre-drilled)	\$ 113
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	\$ 2
25957-1	25957-1	25957-1	Cord Clamp	\$ 7
25990	25990	25990	Connector Assembly	Obsolete
36810	36810	36810	Dowel	\$ 1
30588	30588	30588	Label, Outside Junction Panel (LMI)	\$ 3
30749	30749	30749	Power Cord, 115V - '1' Cord	\$ 51
30752	30752	30752	Power Cord, 230V - '3' Cord, DIN	\$ 30
30754	30754	30754	Power Cord, 230V - '6' Cord, AUST	\$ 32
31571	31571	31571	Clamp, Cord (PG-9)	\$ 6
31617	31617	31617	Cover	Obsolete
32094	32094	32094	Label, Housing Cover (water drop)	\$ 8
32186	32186	32186	Screw, 4-40 x .37	\$ 1
32187	32187	32187	Nut, 4-40 Flush	\$ 1
32209	32209	32209	Latch	\$ 9
32211	32211	32211	Cap, .125 x .38	\$ 2
32352	32352	32352	O-Ring, Sponge	\$ 4
32395	32395	32395	Screw	\$ 2
33566	33566	33566	Solder Lug Terminal	\$ 3
34074	34074	34074	Gasket, Foam	\$ 3
34088	34088	34088	Cover Utility Box	\$ 18
-	-	36525	Front Panel Assembly	\$ 660
34716	34716	34716	Standoff	\$ 6
34735	34735	34735	Ground Wire Assembly	\$ 4
-	-	34710	I/O Board Assembly	\$ 384
-	-	34675	Housing, U.S.A.	\$ 93
-	-	34931	Label, External Plugs	\$ 8
35712	35712	35712	Fuse, 4A, Time Delay	\$ 5

CONTROLLERS

pH and ORP

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.				\$ 1,714
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.				\$ 1,714
	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)			\$ 366	
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

pH / ORP Controller - Accessories			
DP5000 Part No.	DR5000 Part No.	Description	Price
32820	-	Flat Surface Combination [pH] Electrode, In-Line PVC Body	\$ 399
-	33369	Flat Surface Combination [ORP] Electrode, In-Line PVC Body	\$ 479
32821	-	Flat Surface Combination [pH] Electrode, Submersible PVC Body	\$ 399
32822	-	Cable Assembly with Temperature Compensation for In-Line Mounting (compatible with Electrode)	\$ 1,698
32823	-	Cable Assembly with Temperature Compensation for Submersible Mounting	\$ 457
32824	-	Cable Assembly with Temperature Compensation for In-Line Mounting (compatible with Electrode)	\$ 604
33370	33370	Cable Assembly, Non-Temperature Compensated, install kit with a 3/4" NPT PVC "T" for In-Line	\$ 243
33371	33371	Cable Assembly, Non-Temperature Compensated, install kit with a 3/4" NPT CPVC "T" for In-Line	\$ 360
33372	33372	Cable Assembly, Non-Temperature Compensated, for Submersible Mounting (Compatible with Electrode)	\$ 193
34495	-	Cable Assembly with Temperature Compensation for In-Line Mounting (Compatible with Electrode)	\$ 571
34624	34624	Tee Assembly, without TC (F Slip) (Compatible with 32820 electrode [pH] or 33369 electrode [ORP])	\$ 79
34625	-	Tee Assembly, with TC (Compatible with 32820 electrode [pH only])	\$ 70
34665	34665	Tee Assembly, without TC (Compatible with 32819 electrode [pH])	\$ 55
34666	-	Tee Assembly, with TC (Compatible with 32819 electrode [pH only])	\$ 60
35662	-	Tee Assembly, pH with TC, 3/4" NPT	Obsolete
33217	33217	Pre-Amp, pH / ORP	\$ 380
33286-25	33286-25	25' Cable Assembly (only), for Pre-Amp to Controller	\$ 138
33286-50	33286-50	50' Cable Assembly (only), for Pre-Amp to Controller	\$ 196
33286-100	33286-100	100' Cable Assembly (only), for Pre-Amp to Controller	\$ 302
37830	37830	4-20 mA Circuit Board Assembly	\$ 312
34565	34565	Flow Switch Assembly with 3/4" Fslip Sch 80 TVC Tee	\$ 177
36130	36130	Flow Switch Assembly with 3/4" NPT Sch 80 PVC Tee	\$ 177
34561	34561	Switch Assembly	\$ 111
37505	37505	Float Assembly (Techtron)	\$ 45
37586	37586	Tee, Flow Switch Assembly NPT	\$ 50
34746	34746	Sample Valve with 3/4" Fslip Sch 80 TVC Tee (Horizontal Mounting)	\$ 50
34747	34747	Sample Valve with 3/4" Fslip Sch 80 TVC Tee (Vertical Mounting)	\$ 145
34749	34749	Union Kit, PVC (Union & Two [2] Sleeves)	\$ 24
34751	34751	pH/ORP Manifold Assembly (Compatible with 32820 electrode [pH] or 33369 [ORP])	\$ 302

CONTROLLERS
pH and ORP

pH / ORP Controller - Spare Parts			
DP5000	DR5000	Description	Price
Part No.	Part No.		
25957-1	25957-1	Cord Clamp	\$ 7.00
28898	28898	Dowel	\$ 2.00
30588	30588	Label	\$ 3.00
30749	30749	Power Cord, 115V - '1' Cord	\$ 51.00
30752	30752	Power Cord, 230V - '3' Cord	\$ 30.00
30754	30754	Power Cord, 230V - '6' Cord	\$ 32.00
31571	31571	Clamp, Cord (PG-9)	\$ 6.00
31576	31576	Standoff	\$ 2.00
32094	32094	Label	\$ 8.00
32186	32186	Screw, 4-40 x .37	\$ 1.00
32187	32187	Nut, 4-40 Flush	\$ 1.00
32209	32209	Latch	\$ 9.00
32211	32211	Cap, .125 x .38	\$ 2.00
32352	32352	O-Ring, Sponge	\$ 4.00
32395	32395	Screw	\$ 2.00
33636	33636	4-Pin Cable Assembly	\$ 34.00
34074	34074	Gasket, Foam	\$ 3.00
34092	-	Switch, Membrane	\$ 100.00
-	34642	Switch, Membrane	\$ 287.00
37524	-	Front Panel Assembly	\$ 942.00
-	37526	Front Panel Assembly	\$ 1,194.00
34200	34200	PCB Assembly	\$ 942.00
34270	34270	I/O Board Assembly	\$ 444.00
34329	34329	BNC Cable Assembly	\$ 73.00
34330	34330	Ribbon Cable Assembly	\$ 36.00
34691	34691	Housing	\$ 94.00
34716	34716	Standoff	\$ 6.00
34930	34930	Label, Terminal Cover	\$ 9.00
37435	37435	O-Ring, Union	\$ 22.00

Controllers
Flow Switch Time Switch

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.	\$ 582

Liquitron™ TS5000 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.	\$ 775

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