

# POOLPRO™

The fastest, most accurate, reliable, easy-to-use  
handheld water quality analysis tool for any pool or spa.



MADE IN USA

Shown with bluDock™ option



**MYRON L<sup>®</sup>**  
**COMPANY**

Water Quality Instrumentation  
Accuracy • Reliability • Simplicity



# POOLPRO™

Waterproof  
& Buoyant

*Advanced Design • Superior Performance*



The POOLPRO is capable of wireless data transfer with the bluDock™ option installed. The bluDock includes the Guardian<sup>2</sup>™ software application.



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## *Up to 9 Parameters!*

- *Conductivity • Mineral/Salt Conc.*
- *TDS • pH • ORP • Free Chlorine Equivalent • Alkalinity (PS9)*
- *Hardness (PS9) • Langelier Saturation Index Calculator (PS9)*
- *Temperature*

## **FEATURES INCLUDE:**

- **FAST** one-touch measurements for Conductivity, Mineral/Salt Concentration, TDS, ORP (REDOX), Free Chlorine Equivalent (FC<sup>E</sup>™), pH and Temperature
- **SIMPLE** user-intuitive prompts step you through Alkalinity and Hardness titrations (PS9)
- **CONVENIENT** LSI Calculator accepts both grains and ppm hardness units (PS9)
- **EASY** keypad calibration
- **STABLE** 4-electrode conductivity cell eliminates polarization, increasing accuracy with minimal maintenance
- **POWERFUL** microprocessor-based circuitry
- **UNIQUE** pH/ORP glass sensor is user-replaceable
- **VERSATILE** solution modes provide accuracy in diverse water quality applications
- **EFFICIENT** design features auto-off that minimizes power consumption — one 9V battery lasts up to 100 hours/5000 tests
- **ADVANCED** proprietary temperature compensation and TDS conversion algorithms
- **RELIABLE** non-volatile microprocessor provides data back-up, even when the battery is changed; this assures all calibrations and memory data are retained

**FAST READINGS • SIMPLE TO USE**

**ACCURACY YOU CAN TRUST**

Since 1957 the Myron L<sup>®</sup> Company has designed and manufactured highly reliable analytical instruments for a wide variety of demanding applications. Thousands of professionals around the world rely on the performance of our instruments every day. Uses range from boiler water testing to ultrapure water control to medical instruments for artificial kidney machines.

We are proud of the trust our handheld instruments and monitor/controllers have earned. We have continued to build on that trust and have reached a new and greater level of quality and performance in the latest instrument in our line of handheld tools: POOLPRO gives you the most reliable, precise, affordable, multi-parameter instrument available for testing water quality in any pool or spa.

## Professional Analysis

POOLPRO is a comprehensive high performance tool designed to simplify pool and spa water quality control for the pool professional. Both POOLPRO models feature innovative user-friendly features and functions that make it easy to manage parameters critical to disinfection, water balance, system maintenance and compliance.

## NEW! FC<sup>E</sup> FAC Readings

The Myron L<sup>®</sup> Company FC<sup>E</sup> function reports FAC quickly and accurately by measuring ORP, the chemical characteristic of chlorine that directly reflects its effectivity, cross referenced with pH. Both DPD kits and colorimeters may tell the user the FAC value of the sample in the test tube, but since the chemistry of that sample is quite different from the source water being analyzed, the results are imprecisely related to actual disinfection power. The Myron L<sup>®</sup> Company FC<sup>E</sup> function measures the real, unaltered chemistry of source water, including moment-to-moment changes in that chemistry.

FC<sup>E</sup> can be used for other types of oxidizing germicides and will track the effect of additives, such as cyanuric acid, that degrade chlorine effectivity without changing the actual concentration of free available chlorine present.

## In-Cell Titration Functions

The PS9TKB adds the ability to perform in-cell conductometric titrations that provides a convenient way to determine alkalinity, hardness and LSI in the field. This eliminates the need to collect and transport samples to another location for analysis. User intuitive display prompts guide you through titration procedures from start to finish. All required reagents and equipment are included in the PS9 titration kit.

## Water Balance Analysis

The POOLPRO PS9TKB features an LSI Calculator that allows you to calculate the LSI based on saved measurement values. This allows you to accurately calculate a saturation index value of a specific solution to determine whether the solution is balanced, scaling or corrosive. The LSI Calculator also allows you to adjust the measurement values to perform what-if scenarios to predict how changes in solution parameters would affect the water balance of a system.

## Hardness Unit Conversion

The Hardness titration function allows you to set the hardness unit preference to either grains of hardness or ppm CaCO<sub>3</sub>. The selected unit is also used in the LSI Calculator function.

## System Validation & Calibration

Myron L<sup>®</sup> Company's POOLPRO provides a fast, precise, easy-to-use method of obtaining **Oxidation Reduction Potential (ORP or REDOX) mV** readings to check the true level of effectiveness of ALL sanitizers in any pool or spa. ORP objectively and precisely measures sanitizer ability to burn up, or oxidize, organic matter in the water. ORP can only be determined by an electronic instrument.

POOLPRO ORP mV readings serve as a necessary check to ensure automatic ORP control systems are working properly. POOLPRO also provides independent readings for recalibration and to detect system failure.

## Saltwater Chlorine Generation

POOLPRO provides a convenient one-touch test for **Mineral/Salt** concentration. This is ideal for saltwater systems where manual testing with separate instrumentation is necessary to ensure the proper amount of sodium chloride is present for chlorine generation in quantities specified for microbial disinfection. POOLPRO can also be used to recalibrate equipment as part of regular maintenance.

## Wireless Benefits

The optional bluDock™ accessory package is an integrated data solution for your record keeping requirements, eliminating the need for additional hardware, wires and hassle. Because the user never touches the data, there is little opportunity for data tampering and human error. bluDock software, Guardian<sup>2</sup>™, has an easy to use interface with user intuitive functions for storing, sorting and exporting data.

## Simply the Best

POOLPRO is lightweight, portable, buoyant, waterproof, easy-to-calibrate, and easy-to-use. Simply rinse and fill the cell cup by dipping the PoolPro in the water, then press the button of the parameter you wish to measure. You immediately get a standard, numerical digital readout — eliminating all subjectivity. And you can store up to 100 date-time-stamped readings in POOLPRO's non-volatile memory.

## More from Myron L<sup>®</sup>

PoolMeter™ is a high quality analog instrument that measures TDS/NaCl/Salt. Our instruments are so reliable, some have been in continuous use for over 45 years. Call +1-760-438-2021 today or visit our website for details: [www.myronl.com](http://www.myronl.com)

## BENEFITS THAT SAVE YOU TIME & MONEY



Hardness/Langelier Saturation Index Calculator allows you to determine water balance adjustments on the spot.

Easily transfer stored readings to Macintosh and PC platforms with the optional bluDock™ accessory package.

Ample memory provides increased flexibility to record and store 100 separate readings.

Real Time Clock with Date & Time Stamp allows you to maintain the integrity of each individual reading.

In-Cell titrations are simple to do. Reagent solutions are color-coded for easy recognition during procedure. Cell extender, pipette and replacement tips are included with kit.

The pH/ORP sensor chamber provides protection to a unique porous liquid-junction.

The large capacity KCl reservoir guarantees extended life.

A custom LCD helps simplify calibration and operation by using annunciators and prompts to indicate various conditions.

IP67/NEMA 6 rated POOLPRO is waterproof and buoyant and can be fully immersed to 3 feet/1 meter.



## Features

### POOLPRO™ Models

### PS6FC<sup>E</sup>

Conductivity  
TDS, Mineral/Salt, pH  
ORP, FC<sup>E</sup>  
Temperature

### PS9

Conductivity  
TDS, Mineral/Salt, pH  
Alkalinity, Hardness, LSI  
ORP, FC<sup>E</sup>  
Temperature

Conductometric Titrations

LSI Calculator

Free Chlorine Equivalent (FC<sup>F</sup>)

pH Calibration Prompts

Memory (100 Readings)

Date & Time Stamp

Low battery indicator

Auto-Off

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## Specifications\*

Display	4 Digit Liquid Crystal Display
Dimensions: LxWxH	196 x 68 x 64 mm/ 7.7 x 2.7 x 2.5 in.
Weight	352 g/12.4 oz.
Case/conductivity cell material	VALOX**
Cell capacities (w/o cell extender)	pH/ORP: 1.2 mL/0.04 oz. Cond/TDS/MIN/SALT: 5 mL/0.2 oz.
Power	9V alkaline battery
Battery life	>100 hours (5000 readings)
Operating/storage temperature	0 – 55°C/32 – 132°F
Protection ratings	IP67/NEMA 6 Waterproof to 1 meter/3 feet

\*See AHL Titration Kit below for information on PS9 packaged with kit

\*\*™ SABIC INNOVATIVE PLASTICS IP BV



### Warning

These products can expose you to chemicals including Di(2-ethylhexyl)phthalate (DEHP), which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

## Parameters

	Conductivity	TDS	Mineral/Salt	pH	ORP	Free Chlorine FC <sup>ETM</sup>	Alkalinity Titration	Hardness Titration	LSI Calculator	Temperature
<b>Ranges</b>	0–9999 $\mu$ S/cm 10–200 mS/cm in 5 autoranges	0–9999 ppm 10–200 ppt in 5 autoranges	0–200 ppt in 5 autoranges	0–14 pH	±999 mV	0.00–9.99 ppm 350≤ORPmV<725 and 0.0≤pH<9.9 725≤ORPmV<825 and 0.0≤pH<8.9	10-800 ppm	0-1710 ppm 0-100 grains	-10 to +10	0–71°C 32–160°F
<b>Resolution</b>	0.01(<100 $\mu$ S) 0.1(<1000 $\mu$ S) 1(<10 mS) 0.01(<100 mS) 0.1(<200 mS)	0.01(<100 ppm) 0.1(<1000 ppm) 1(<10 ppt) 0.01(<100 ppt) 0.1(<200 ppt)	0.01(<100 ppm) 0.1(<1000 ppm) 1(<10 ppt) 0.01(<100 ppt) 0.1(<200 ppt)	0.01 pH	1 mV	0.01 ppm	0.1 ppm	0.1(<1000 ppm) 1(<1710 ppm) 0.1(<100 grains)	0.01	0.1°C/F
<b>Accuracy</b>	±1% of reading	±1% of reading	±1% of reading	±0.01 pH*	±1 mV	<1.00ppm ±0.3ppm* ≥1.00ppm ±0.2ppm	—	—	—	±0.1°C
<b>Auto Temperature Compensation</b>	0–71°C 32–160°F	0–71°C 32–160°F	0–71°C 32–160°F	0–71°C 32–160°F	—	0–71°C 32–160°F	—	—	—	—
<b>Conductivity/TDS Ratios Preprogrammed</b>	KCl, 442**, NaCl	KCl, 442**, NaCl	KCl, 442**, NaCl	—	—	—	—	—	—	—

\*±.2 pH in presence of RF fields ≥ 3V/m and >300MHz

\*\*442 Natural Water Standard™ Myron L® Company

## PS9 AHL Titration Kit

### with Hard Protective Case

includes PS9; cell extender; titration plunger; 100 $\mu$ L pipette;

12 tips; 3 buffers (pH 4, 7, and 10); pH/ORP Sensor

Storage Solution; ORP

Conditioner Solution; titration

reagents H2SO4-1, HBUFF,

EDTA-B-LC, EDTA-B-HC; Alkalinity

Standard 100; Hardness Standard 200; standard solutions KCl-7000, 442-3000, and NaCl-7500. All bottles are 2 oz/59 mL\*. MODEL: PS9TKB

PS9TKB AHL Titration Kit can be ordered with

the bluDock Accessory Package, as well.

KIT WITH BLUDOCK: PS9TKB-BD



Model PS9TKB-BD Shown

## Accessories, Replacement Parts & Solutions

**Soft Protective Case** constructed of padded Nylon features a belt clip for hands-free mobility. MODELS: UCC (Blue); UCCDT (Desert Tan)

**Certificates** confirming the NIST traceability of POOLPRO are available (must be specified when placing instrument order). MODEL: MC

**Standard Solutions** are necessary to maintain accuracy and for periodic calibration of conductivity and TDS parameters. All Standard Solutions are NIST traceable for your complete confidence. RECOMMENDED VALUES: KCl-7000 (conductivity), 442-3000 (TDS), and NaCl-7500 (MIN/SALT).

**Hardness and Alkalinity Reagents and Calibration Solutions** are required for alkalinity, hardness and LSI titrations. MODELS: H2SO4-1, HBUFF, EDTA-B-LC, EDTA-B-HC available in 2 oz/59 mL and 1 qt/1 L. Alkalinity Standard 100 and Hardness Standard 200 available in 2 oz/59 mL, 1 qt/1 L, and 1 gal/3,8 L.

**pH Buffers** are necessary to maintain accuracy and for periodic calibration of pH and ORP parameters. Calibration with pH 7 Buffer is especially important. All pH 4, 7, and 10 Buffers are NIST traceable and are available in 2 oz/59

mL, 1 qt/1 L, and 1 gal/3,8 L.

**pH Sensor Storage Solution** available in 2 oz/59 mL, 1 qt/1 L, and 1 gal/3,8 L. MODELS: SS20Z, SSQ and SSG

**Certificates** of NIST traceability for pH Buffer and Conductivity Standard Solutions are available (must be specified when placing solution order). MODEL: SC

### Replacement pH/ORP Sensor

features a unique porous liquid junction. MODEL: RPR

**Myron L M'Pet** 100 $\mu$ L fixed volume pipette.

MODEL: FVMP-100

**Replacement Tips** for Myron L M'PET pipette. Bag of 48. MODEL: PTIP100-48

**bluDock Accessory Package** includes bluDock, Macintosh/PC application software, Guardian<sup>2</sup>, for downloading data, and printed instructions. MODEL: BLUDOCK



### Built on Trust

Founded in 1957, Myron L® Company is one of the world's leading manufacturers of water quality instruments. Because of our policy of continuous product improvement, changes in design and the specifications in this brochure are possible. You have our assurance any changes will be guided by our product philosophy: Accuracy, Reliability, Simplicity.

### Limited Warranty

All Myron L POOLPROs have a Two (2) Year Limited Warranty. The pH/ORP sensors have a Six (6) Month Limited Warranty. Warranty is limited to the repair or replacement of the POOLPRO only, at our discretion. Myron L® Company assumes no other responsibility or liability.

**MYRON L® COMPANY**  
Water Quality Instrumentation  
Accuracy • Reliability • Simplicity

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