PT1
Conductivity/TDS/Salinity/Temperature



Actual Size

ULTRAPEN™ PT1

BENEFITS:
- Reliable Repeatable Results
- Accurate
- Affordable
- Easy to Use
- Rugged Design
- Ensure Product Quality
- Reduce Waste
- Protect the Environment

HIGH PERFORMANCE FEATURES
- Accuracy of ±1% of READING, ±0.2% at Calibration Point
- KCl, NaCl and 442 Natural Water™ Modes
- Automatic Temperature Compensation
- Autoranging
- Proprietary Cell Design
- Easy to Use - One Button Control
- Rugged Design with Aircraft Aluminum Body
- Durable, Fully Encapsulated Electronics
- Waterproof
- Powered by One N Type Battery (Included)

PT1 COMES WITH:
- PT1 Pocket Tester Pen - Battery Installed
- Protective Cap
- Scoop
- Pocket Clip
- Holster
- Lanyard
- Quick Start Guide

ALSO AVAILABLE!

ULTRAPEN™ PT2
pH & Temperature



ULTRAPEN™ PT3
ORP & Temperature



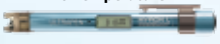
ULTRAPEN™ PT4
Free Chlorine Equivalent (FC^E) & Temperature



ULTRAPEN™ PT5
DO (Dissolved Oxygen) & Temperature



ULTRAPEN™ PT6
Nitrate & Temperature





DESIGNED, ENGINEERED AND ASSEMBLED IN THE USA

MYRON L® COMPANY
Water Quality Instrumentation
Accuracy • Reliability • Simplicity
. . . Since 1957

PT1 FUNCTIONS

MODE	PARAMETER	SOLUTION MODEL	UNITS
Cond KCl	Conductivity	potassium chloride	microsiemens (μS)
tdS 442	Total Dissolved Solids (TDS)	442™ Myron L Natural Water Standard	parts per million (ppm)
tdS NaCl	Total Dissolved Solids (TDS)	sodium chloride	parts per million (ppm)
SALt 442	Salinity	442™ Myron L Natural Water Standard	parts per thousand (ppt)
SALt NaCl	Salinity	sodium chloride	parts per thousand (ppt)

SPECIFICATIONS

Measurement Range:	1 - 10000 μS or ppm (0.0010 - 10.000 ppt salinity)
Accuracy (After Wet Calibration):	± 1% of reading
Repeatability:	< 1000 μS or ppm ± 1 Count ≥ 1000 μS or ppm ± 0.3% of reading
Resolution:	Conductivity and TDS: 0.1 for 1.0 - 99.9 μS or ppm 1 for 100 - 10000 μS or ppm
	Salinity: 0.0001 for 0.0010 - 0.0999 ppt 0.001 for 0.100 - 10.000 ppt
	Temperature: 0.1ºC / 0.1ºF
Time to Reading Stabilization:	10 - 20 seconds
Power Consumption:	Active Mode: 30 - 140 mA, Sleep Mode: 2 μA
Sleep Mode Power Consumption:	2 μA
Temperature Measurement Range:	0 - 71°C or 32 - 160°F
Temperature Accuracy:	± 0.1ºC
Temperature Compensation:	Automatic to 25ºC
Physical Dimensions:	17.15 cm L x 1.59 cm D or 6.75 in. L x .625 in. D
Weight:	55 g or 1.94 oz.
Case Material:	Anodized Aircraft Aluminum with Protective Coating
Battery Type:	One N type, Alkaline, 1.5V
Calibration Solution Point:	1800 μS KCl; 3000 ppm 442™ (2027 ppm NaCl)
Operating/Storage Temperature:	0 - 55ºC or 32 - 131ºF
Water Resistance:	IP67 and NEMA 6
CE EN61236-1: 2006 - Annex A: 2008	Electrostatic discharge to the PT1 may cause it to spontaneously turn on. If this occurs, the PT1 will turn off.
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.	

ACCESSORIES

STANDARD SOLUTIONS FOR CALIBRATION:
MODEL#s: KCL-1800, 442-3000 (2027 ppm NaCl)

MYRON L® WARRANTY

The PT1, excluding the battery, has a one (1) year limited warranty.

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Built On Trust. Founded in 1957, the Myron L® Company is one of the world's leading manufacturers of water quality instruments. Because of our commitment to product improvement, changes in design and specifications are possible. You have our assurance any changes will be guided by our product philosophy: accuracy, reliability, and simplicity.



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