

ULTRAPEN™ PT1

Conductivity/TDS/Salinity & Temperature Pen

Professional Water Analysis

HIGH PERFORMANCE FEATURES

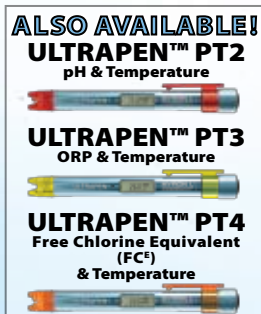
- Accuracy of $\pm 1\%$ of READING $\pm 0.2\%$ at Calibration Point
- Reliable Repeatable Results
- KCl, NaCl and 442™ Natural Water Modes
- Automatic Temperature Compensation
- Autoranging
- Durable, Fully Encapsulated Electronics
- Waterproof
- Powered by One N Type Battery (included)

PT1 COMES WITH:

- PT1 Pocket Tester Pen - Battery installed
- Scoop
- Protective Cap
- Pocket Clip
- Holster
- Lanyard
- Operating Instructions



instrument shown larger than actual size




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

PT1 FUNCTIONS

Mode	Parameter	Solution Model	Units
Cond KCl	Conductivity	potassium chloride	microsiemens (μ S)
tdS 442	Total Dissolved Solids (TDS)	442™ Myron L Natural Water Standard	parts per million (ppm)
tdS NaCl	TDS	sodium chloride	ppm
SALt 442	Salinity	442™ Myron L Natural Water Standard	parts per thousand (ppt)
SALt NaCl	Salinity	sodium chloride	ppt

SPECIFICATIONS

Measurement Range:	1 - 10000 μ S or ppm (0.0010 - 10.000 ppt salinity)
Accuracy (After Wet Calibration):	\pm 1% of reading
Repeatability:	< 1000 μ S or ppm \pm 1 Count \geq 1000 μ S or ppm \pm 0.3% of reading
Resolution:	Conductivity and TDS: 0.1 for 1.0 - 99.9 μ S or ppm 1 for 100 - 10000 μ S or ppm Salinity: 0.0001 for 0.0010 - 0.1000 ppt 0.001 for 0.100 - 10.000 ppt Temperature: 0.1 °C / 0.1 °F
Time to Reading Stabilization:	10 - 20 seconds
Active Mode Power Consumption:	30 - 100 mA
Sleep Mode Power Consumption:	2 μ A
Temperature Measurement Range:	0 - 71 °C or 32 - 160 °F
Temperature Accuracy Displayed:	\pm 0.1 °C or \pm 0.1 °F
Temperature Compensation Method:	Automatic to 25 °C
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 μ S KCl; 3000 ppm 442™ (2027 ppm NaCl)
Operating/Storage Temperature:	0 - 55°C or 32 - 131°F
Water Resistance:	IP67 and NEMA 6
 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.

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