

ULTRAPEN™ PT1

Conductivity/TDS/Salinity Pen
Temperature taken with every reading

Professional Water Analysis



CE

instrument shown larger than actual size

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

HIGH PERFORMANCE FEATURES

Accuracy of $\pm 1\%$ of READING
 $\pm .2\%$ at Calibration Point

Reliable Repeatable Results

KCl, NaCl and 442™
Natural Water Modes

Automatic Temperature
Compensation

Autoranging

Durable, Fully Encapsulated
Electronics

Waterproof

Powered by 1 N Type Battery
(included).

PT1 COMES WITH:

PT1 Pocket Tester Pen -
battery installed

Scoop

Pocket Clip

Holster

Lanyard

Operating Instructions

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 - 9999 μ S or ppm (0.0010 - 9.999 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 - 9999 μ S or ppm
	Salinity: 0.0001 for 0.0010 - 0.0999 ppt 0.001 for 0.100 - 9.999 ppt
	Temperature: 0.1 °C or °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 0.2 °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 Aluminum with UV Protective Coating
Battery Type:	N type, Alkaline
Battery Voltage:	1.5 V
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 case of instrument may cause PT1 to spontaneously power on. In this case, the PT1 will power off after several seconds.

ACCESSORIES

Standard Solutions for calibration:

MODEL#s: KCL-1800, 442-3000 (2027 ppm NaCl)

MYRON L WARRANTY

Excepting the battery, the Myron L PT1 Conductivity/TDS/Salinity Pen is warrantied to be free from manufacture defect for 1 year.

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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.

