

NEW!

# ULTRAPEN™ PTBT1

 **Bluetooth®** Enabled

**Conductivity / TDS / Salinity and  
Temperature Pen  
for use with your mobile device**

◆ **ACCURATE**

◆ **RELIABLE**

◆ **SIMPLE**

**Professional Water Analysis**



Available at  
Apple App Store



UltraPen  
\*Apple mobile device not included.



CE

instrument shown larger than actual size

## 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
- Waterproof
- Powered by 1 N Type battery (included)
- Measurement and Calibration storage with time, date and location.
- Export stored measurement data via email.

## PTBT1 COMES WITH:

- PTBT1 Pocket Tester Pen - battery installed
- Protective Cap
- Scoop
- Pocket Clip
- Holster
- Lanyard
- Operating Instructions

**Also Available**  
**ULTRAPEN™ PTBT2**  
pH & Temperature



**Coming soon**

**ULTRAPEN™ PTBT3**  
ORP & Temperature



**ULTRAPEN™ PTBT4**  
Free Chlorine Equivalent  
(FC<sup>2</sup>) & Temperature



**MYRON L®  
COMPANY**

Water Quality Instrumentation  
Accuracy • Reliability • Simplicity



... Since 1957

## PTBT1 FUNCTIONS

Mode	Parameter	Solution Model	Units
Cond KCl	Conductivity	potassium chloride	microsiemens ( $\mu$ 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

System Requirements	Requires mobile device operating with Apple iOS 6 or iOS 7. App is optimized for iOS 7
Measurement Range:	Conductivity & TDS: 1-10,000 $\mu$ S or ppm; Salinity 0.0010-10.000 ppt; Temperature: 0°-71°C / 32°-160°F
Accuracy (After Wet Calibration):	$\pm$ 1% of reading; Temperature $\pm$ 0.1°C / $\pm$ 0.1°F
Resolution:	Conductivity and TDS: 0.1 for 1.0 - 99.9 $\mu$ S or ppm 1 for 100 - 10,000 $\mu$ S or ppm Salinity: 0.0001 for 0.0010 - 0.0999 ppt 0.001 for 0.100 - 10.000 ppt Temperature: 0.1 °C or °F
Repeatability:	< 1000 $\mu$ S or ppm $\pm$ 1 Count $\geq$ 1000 $\mu$ S or ppm $\pm$ 0.3% of reading
Time to Reading Stabilization:	10 - 20 seconds
Active Mode Power Consumption:	Active Mode 30 - 140 mA, Sleep Mode 2 $\mu$ A
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:	N type, Alkaline 1.5 V
Calibration Standard Solution:	KCl: 1800 $\mu$ S for COND; 442™: 3000 ppm (2027 ppm NaCl) for TDS and Salinity.
Operating/Storage Temperature:	0 - 55°C or 32 - 131°F
Water Resistance:	IP67 and NEMA 6
EN61236-1: 2006 - Annex A: 2008; 1999/5/EC Annex III	Electrostatic discharge to the PTBT1 may cause it to spontaneously power on. If this occurs, the PTBT1 will power off after several seconds.
FCC ID: T7VPAN17	The Bluetooth transceiver device meets the requirements for modular transmitter approval as detailed in FCC public Notice DA00-1407.
Canada (IC), license: IC: 216Q-PAN17	The Bluetooth transceiver device meets the requirements for modular transmitter approval as detailed in RSS-GEN.

## ACCESSORIES



The ULTRAPEN™ PTBT1 uses the following solutions for wet calibration.

## MYRON L® WARRANTY

Excepting the battery, the Myron L® Company PTBT1 Conductivity/TDS/Salinity ULTRAPEN is warranted to be free from manufacture defect for 1 year.

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

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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.

