PTBT1
Conductivity/TDS/Salinity/Temperature

ULTRAPENx2™
PTBT1



Actual Size

NEW!

X2 MYRON L COMPANY

For use with PTBTX2™ Application and Your Mobile Device



Download on the App Store

GET IT ON Google Play

BENEFITS:

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

Bluetooth® Enabled

HIGH PERFORMANCE FEATURES:

- Accuracy of ±1% of READING, ±0.2% at Calibration Point
- KCl, NaCl and 442 Natural Water™ Modes
- Automatic Temperature Compensation
- Autoranging
- Measurement Storage with Time, Date and Location
- Export Stored Measurement Data Via Email
- Proprietary Cell Design
- Rugged Design with Aircraft Aluminum Body
- Durable, Epoxy Encapsulated Electronics
- Powered by One N Type Battery (Included)
- Waterproof

Also Available

ULTRAPENx2™ PTBT2
pH & Temperature

ULTRAPENx2™ PTBT3
ORP & Temperature

ULTRAPENx2™ PTBT4
Free Chlorine Equivalent (FC^E) & Temperature

ULTRAPENx2™ PTBT5
Dissolved Oxygen (DO) & Temperature

ULTRAPENx2™ PTBT6
Nitrate & Temperature

PTBT1 COMES WITH:

- PTBT1 Pocket Tester Pen - Battery Installed
- Protective Cap
- Scoop
- Pocket Clip
- Holster
- Lanyard
- Quick Start Guide

DESIGNED, ENGINEERED AND ASSEMBLED IN THE USA

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

PTBT1 FUNCTIONS

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

SPECIFICATIONS

System Requirements:	Myron L® Company PTBTX2™ App: Apple iOS 10.0 or later; Android OS 7.0 or later.
Measurement Range:	Conductivity & TDS: 1-9999 μS or ppm; Salinity: 0.0010-9.999 ppt; Temperature: 0°-71°C / 32°-160°F
Accuracy (After Wet Calibration):	±1% of Reading; Temperature: ±0.1ºC
Resolution:	Conductivity and TDS: 0.1 for 1.0 - 99.9 μS or ppm 1 for 100 - 9,999 μS or ppm Salinity: 0.0001 for 0.0010 - 0.0999 ppt 0.001 for 0.100 - 9.999 ppt Temperature: 0.1ºC orºF
Repeatability:	<1000 μS or ppm ±1 Count ≥1000 μS or ppm ±0.3% of Reading
Time to Reading Stabilization:	10 - 20 seconds
Power Consumption:	Active Mode: 30 - 140 mA, Sleep Mode: 2 μA
Temperature Compensation Method:	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 1.5 V
Calibration Standard Solution:	KCl: 1800 μS for COND; 442™: 3000 ppm (2027 ppm NaCl) for TDS and Salinity
Operating/Storage Temperature:	0 - 55ºC or 32 - 131ºF
Water Resistance:	IP67 and NEMA 6
EN61236-1: 2006 - Annex A: 2008; CE	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.

⚠ **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



The ULTRAPENx2™ PTBT1 uses the following solutions for wet calibration:

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

MYRON L® WARRANTY

The PTBT1, 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.



Printed in U.S.A.

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