

PTBT3



# ORP/Temperature

## ULTRAPENx2™ PTBT3



Actual Size

**NEW!**



For use with PTBTX2™  
Application and Your  
Mobile Device



### BENEFITS:

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

**Bluetooth®** Enabled

### HIGH PERFORMANCE FEATURES:

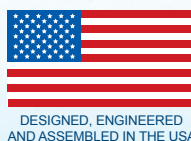
- Accuracy of  $\pm 10$  mV ORP
- 3 Calibration Options with Automatic Solution Recognition
- Automatic Temperature Compensation in Calibration Mode
- 99.9% Pure Platinum Electrode
- Measurement Storage with Time, Date and Location
- Export Stored Measurement Data Via Email
- Live or Hold Mode - User Selectable
- Proprietary Sensor Design
- Rugged Design with Aircraft Aluminum Body
- Durable, Epoxy Encapsulated Electronics
- Powered by One N Type Battery (Included)
- Waterproof

### Also Available ULTRAPENx2™

PTBT1	Conductivity, TDS, Salinity & Temperature
PTBT2	pH & Temperature
PTBT4	Free Chlorine Equivalent (FC) & Temperature
PTBT5	Dissolved Oxygen (DO) & Temperature
PTBT6	Nitrate & Temperature
PTBT7	Chloride & Temperature

### PTBT3 COMES WITH:

- PTBT3 Pocket Tester Pen
- Battery Installed
- User Replaceable ORP Sensor - Installed
- Protective/Hydration Cap
- Scoop
- Pocket Clip
- Holster
- Lanyard
- ORP Electrode Cleaning Paper
- Quick Start Guide




**MYRON L<sup>®</sup>  
COMPANY**  
Water Quality Instrumentation  
*Accuracy • Reliability • Simplicity*  
... Since 1957

## PTBT3 MEASUREMENT MODES

MODE	METHOD OF MEASUREMENT
Hold	Once stabilized, the readings are captured then displayed.
LIVE	Real-time readings are displayed continuously during measurement.

## SPECIFICATIONS

System Requirements:	Myron L <sup>®</sup> Company PTBTX2™ App: Apple iOS 10.0 or later; Android OS 7.0 or later.
Measurement Range:	ORP: -1000 mV to +1000 mV; Temperature: 0 - 71°C / 32 - 160°F
Accuracy:	ORP: ±10 mV; Temperature: ±0.1°C
Resolution:	ORP: 1 mV; Temperature: 0.1°C / 0.1°F
Time to Reading Stabilization:	10 - 45 Seconds
Power Consumption:	Active Mode: 30 - 140 mA, Sleep Mode: 2 µA
Temperature Compensation:	Automatic In Calibration Mode From 15°C to 30°C
Physical Dimensions:	17.15 cm L x 1.59 cm D or 6.75 in. L x .625 in. D
Weight:	50.4 g / 1.78 oz
Case Material:	Anodized Aircraft Aluminum with Protective Coating
Battery Type:	One N type, Alkaline 1.5 V
Calibration Standard Solution:	ORP80, ORP260, ORP470
Operating/Storage Temperature:	0 - 55°C / 32 - 131°F
Water Resistance:	IP67 and NEMA 6
EN61236-1: 2006 - Annex A: 2008: Electrostatic discharge to the PTBT3 may cause it to spontaneously power ON. In this case, the PTBT3 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.	
 <b>WARNING!</b> 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 <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a> .	



## ACCESSORIES

### STANDARD SOLUTIONS FOR CALIBRATION:



The ULTRAPENx2™ PTBT3 requires Myron L<sup>®</sup> Company 80 mV Quinhydrone, 260 mV Quinhydrone, or 470 mV MLC Light's ORP Standard Solutions for wet calibration and Myron L<sup>®</sup> Sensor Storage Solution for proper storage.

Order Model Numbers:

ORP802OZ	80 mV, Kit, Quinhydrone/pH7	2 oz.
ORP2602OZ	260 mV, Kit, Quinhydrone/pH4	2 oz.
ORP4701OZ	470 mV, MLC Light's Solution	1 oz.
ORPCALKIT	Calibration Kit, ORP, 80 mV, 260 mV, 470 mV	
SS2OZ	Storage Solution	2 oz.

(For additional information and calibration kits available, contact the Myron L<sup>®</sup> Company.)

### ORP ELECTRODE CLEANING PAPER

Routinely cleaning the platinum electrode will keep the sensor free of build-up that can affect the speed and accuracy of ORP measurements. Instructions for use are included with the paper.

Order Model Number:

OECP-25	QTY 25
OECP-100	QTY 100

### REPLACEMENT ORP SENSOR

The ULTRAPENx2™ PTBT3 features a user replaceable ORP sensor with a unique porous liquid-junction. Installation instructions included with sensor.

Order Model Number:

RPT3 Replacement ORP Sensor

### MYRON L<sup>®</sup> WARRANTY

The PTBT3, excluding the sensor and battery, has a one (1) year limited warranty. The ORP sensor has a six (6) month limited warranty.

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**Built On Trust.** Founded in 1957, the Myron L<sup>®</sup> 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.

