

PTBT5 ))))

# Dissolved Oxygen/Temperature

## ULTRAPENx2™ PTBT5



Actual Size

**NEW!**



For use with PTBTX2™ Application and Your Mobile Device



**BENEFITS:**

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

**Bluetooth® Enabled**

**HIGH PERFORMANCE FEATURES**

- Industry Leading Accuracy
- Display DO in Concentration, % Saturation, or Both
- Adjustable for Altitude and Salinity
- 3 Calibration Methods: Air, Water and 0 ppm DO
- Dynamic Membrane Temperature Correction
- 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
- Waterproof
- Powered by One N Type Battery (Included)

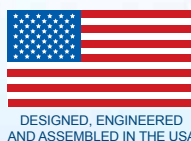
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**Also Available**

- ULTRAPENx2™ PTBT1**  
Conductivity, TDS, Salinity & Temperature
- ULTRAPENx2™ PTBT2**  
pH & Temperature
- ULTRAPENx2™ PTBT3**  
ORP & Temperature
- ULTRAPENx2™ PTBT4**  
Free Chlorine Equivalent (FC) & Temperature
- ULTRAPENx2™ PTBT6**  
Nitrate & Temperature

**PTBT5 COMES WITH:**

- PTBT5 Pocket Tester Pen
- Battery Installed
- User Replaceable DO Sensor
- Installed
- Membrane Cap Assemblies
- 3 each
- DO Reference Electrolyte Solution - 2 oz.
- Syringe with Tip
- Protective/Hydration Cap
- Pocket Clip
- Holster
- Lanyard
- Quick Start Guide



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


## PTBT5 MEASUREMENT MODES

MODE	METHOD OF MEASUREMENT
Hold	Displays real-time readings until stable or 3 minutes, which ever comes first, then displays final readings.
LIVE	Displays real-time readings continuously for up to 5 minutes.

## PTBT5 PARAMETER MODES

MODE	PARAMETER MEASURED
DO Default	Display alternates between DO Concentration in ppm, DO Saturation in % and Temperature.
DO Concentration	Display alternates between DO Concentration in ppm and Temperature.
DO Saturation	Display alternates between DO Saturation in % and Temperature.

## SPECIFICATIONS

System Requirements:	Myron L <sup>®</sup> Company PTBTX2™ App: Apple iOS 10.0 or later; Android OS 7.0 or later.		
Measurement Type	DO Concentration	DO Saturation	Temperature
Ranges	0-20 ppm	0-200%	0 - 71°C / 32 - 160°F
Accuracy <sup>1</sup>	±0.2 ppm or ±2% of the reading, which ever is greater (up to 40°C)	0.0% to ≤ 100.0%: ±20 counts; > 100%: ±2% of the reading.	±0.1°C
Resolution	0.01 ppm	0.1%	0.1°C/F
Altitude Adjustment: -2,000 ft. to 15,000 ft. in increments of 100 ft.			
Salinity Adjustment: 0 - 50 ppt in increments of 1 ppt			
Time to Reading Stabilization: 10 - 180 seconds			
Calibration Methods: 1 or 2 Point; 0 ppm DO Calibration Solution, Air or Water			
Operating / Storage Temperature: 0 - 55°C / 32 - 131°F			
Power Consumption: Active Mode: 30 - 140 mA, Sleep Mode: 2 μA			
Temperature Compensation for Membrane Permeability: Automatic			
Physical Dimensions: 17.15 cm L x 1.59 cm D or 6.75 in. L x .625 in. D			
Weight: 54 g or 1.94 oz.			
Case Material: Anodized Aircraft Aluminum with Protective Coating			
Battery Type: N type, Alkaline 1.5 V			
Water Resistance: IP67 and NEMA 6			
EN61236-1: 2006 - Annex A: 2008; 1999/5/EC Annex III Electrostatic discharge to case of instrument may cause PTBT5 to spontaneously power ON. In this case, the PTBT5 will power OFF after several seconds.			CE
 <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> .			

<sup>1</sup> Accuracy after Temperature Controlled, Full Calibration.

For this procedure and for more detailed accuracy specs download the full PT5 Operation Manual from [www.myronl.com](http://www.myronl.com)

## ACCESSORIES

### STANDARD SOLUTIONS:

Order Model:

DOSOL 0 ppm Dissolved Oxygen Calibration Solution

### REPLACEMENT ITEMS AND CONSUMABLE ITEMS:

Order Models:

DOM5 DO Membrane 5pk.

DOSRE DO Sensor Replenishment Electrolyte 2 oz.

DORS DO Replenishment Syringe w/Tip

DOM5K DO Membrane 5pk, Replenishment Electrolyte 2 oz, Syringe w/Tip Kit.

RPT5 DO Sensor, Replacement (with 3 Membrane Cap Assemblies).

### MYRON L<sup>®</sup> WARRANTY

The PTBT5, excluding the sensor and battery, has a one (1) year limited warranty. The DO 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.

