

PTBT5

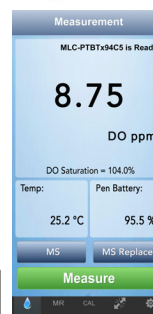
Dissolved Oxygen/Temperature

ULTRAPENx2™ PTBT5

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

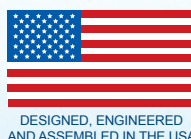
- Industry Leading Accuracy
- Display DO in Concentration, % Saturation, or Both
- Adjustable for Altitude and Salinity
- 3 Calibration Methods: Air, Water and 0 ppm DO
- Dynamic Membrane Temperature Correction
- Measurement Storage with Time, Date and Location
- Export Stored Measurement Data Via Email
- 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)

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
- Quick Start Guide

Also Available ULTRAPENx2™

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



**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, whichever 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:	To see whether your device's operating system is compatible with our software go to the Myron L® Company website and select "Software Compatibility" under the "Resources" tab.		
Measurement Type	DO Concentration	DO Saturation	Temperature
Ranges	0-20 ppm	0-200%	0 - 71°C / 32 - 160°F
Accuracy ¹	± 0.2 ppm or ± 2% of the reading, whichever 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
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 .			

¹ Accuracy after Temperature Controlled, Full Calibration.

For this procedure and for more detailed accuracy specs download the full PTBT5 Operation Manual from 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® 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.

2450 Impala Drive
Carlsbad, CA 92010-7226 USA
Tel: +1-760-438-2021
Fax: +1-800-869-7668 / +1-760-931-9189
www.myronl.com

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.

