

# ULTRAPEN™ PT2

## pH & Temperature Pen

### *Professional Water Analysis*

#### **HIGH PERFORMANCE FEATURES**

- Accuracy of  $\pm 0.01$  pH
- Proprietary Sensor Design
- 1, 2 and 3 Point Calibration
- Two pH Measurement Modes to Choose From
- Automatic Temperature Compensation
- Durable, Fully Encapsulated Electronics
- Temperature Readout
- Waterproof
- Powered by One N Type Battery (Included)

#### **PT2 COMES WITH:**

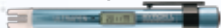
- PT2 Pocket Tester Pen - Battery Installed
- User Replaceable pH Sensor - Installed
- Scoop
- Soaker Cap
- Pocket Clip
- Holster
- Lanyard
- Operating Instructions



instrument shown larger than actual size

#### **ALSO AVAILABLE!**

**ULTRAPEN™ PT1**  
Conductivity, TDS, Salinity  
& Temperature



**ULTRAPEN™ PT3**  
ORP & Temperature



**ULTRAPEN™ PT4**  
Free Chlorine Equivalent  
(FC)  
& Temperature




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

## PT2 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

pH Range:	0.00-14.00pH
pH Accuracy:	± 0.01pH (After Wet Calibration)*
pH Repeatability:	± 0.01pH
pH Resolution:	0.01pH
Temperature Range:	0-71°C/32-160°F
Temperature Accuracy:	±0.1°C/±0.1°F
Temperature Repeatability:	±0.1°C/±0.1°F
Temperature Resolution:	0.1°C/0.1°F
Time to Reading Stabilization:	10-30 seconds
Power Consumption:	Active Mode 30-100mA Sleep Mode 2µA
Temperature Compensation:	Automatic to 25°C
Physical Dimensions:	17.15cm L x 1.59cm D or 6.75in. L x 0.625in. D
Weight:	54g/1.9oz. (without soaker cap and lanyard)
Case Material:	Anodized Aircraft Aluminum with Protective Coating
Battery Type:	One N type, Alkaline, 1.5V
Calibration Solutions:	pH4, pH7, pH10
Operating/Storage Temperature:	0-55°C or 32-131°F
Enclosure Ratings:	IP67 and NEMA6
 EN61236-1: 2006 – Annex A: 2008:	Electrostatic discharge to the PT2 may cause it to spontaneously turn on. If this occurs, the PT2 will turn off.

\* ±0.2 pH in presence of RF fields ≥3V/m and >300MHz

## ACCESSORIES

### STANDARD SOLUTIONS FOR CALIBRATION:



The ULTRAPEN™ PT2 requires pH 4, pH 7, and pH 10 buffer solutions for wet calibration and pH Sensor Storage Solution for proper storage.

Order Model Numbers:

PH42OZ	pH 4 Buffer	2oz.
PH72OZ	pH 7 Buffer	2oz.
PH102OZ	pH 10 Buffer	2oz.
PHSS2OZ	Storage Solution	2oz.

(For additional information and calibration kits available, contact the Myron L Company.)

### REPLACEMENT pH SENSOR

The ULTRAPEN™ PT2 features a use-replaceable pH sensor with a unique porous liquid-junction. Installation instructions included with sensor.

Order Model Number:  
RPT2 Replacement pH Sensor

### MYRON L WARRANTY

The PT2, excluding the pH sensor, has a one (1) year limited warranty. The pH 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.

