

# TECHPRO II™

Measuring Conductivity, TDS, pH and Temperature



## FEATURES:

- Waterproof & Buoyant
- Keypad Calibration
- 0 - 20,000  $\mu$ S/ppm
- 0 - 14 pH
- Long Life Internal Electrodes
- Full 4 Digit Display
- Auto Temperature Compensation to 25°C/77°F
- User Friendly

## ACCURATE READINGS IN 2 EASY STEPS

1



Rinse and fill cell cup

2



Push button to display reading

## APPLICATIONS:

- Boilers & Cooling Towers
- Reverse Osmosis
- Fountain Solutions
- Swimming Pools & Spas
- Plating and Parts Washing
- Pulp and Paper
- Plus many more!

## MEASUREMENTS YOU CAN COUNT ON

Obtain reliable and accurate measurements of your water source with the value-priced TechPro II™. Ideal for water treatment testing as well as other industrial and commercial applications, these instruments reflect Myron L's 40-plus years experience designing and building quality conductivity, TDS and pH measuring instrumentation.

## PORTABLE & EASY TO USE

The TechPro II is handheld, lightweight and simple to operate. Measuring conductivity, TDS, pH and temperature, the highly stable circuitry delivers the accurate



readings needed to assure product quality, prevent equipment damage or verify in-line instrumentation in a wide range of applications. The TPH1 is designed with an internal pH sensor to

prevent breakage and prolong the sensor's useful life. The rugged, waterproof case on both models protects the electronics of the instrument and fits comfortably in your hand. This model also features auto shut-off to prolong battery life.

Industrial and commercial users all over the world rely on Myron L's proven quality instruments for their water measurement needs.

To find out more about TechPro II or locate the Myron L distributor nearest you, visit our website at:

  
**VORTEX**  
**MYRON L**®  
**COMPANY**  
Water Quality Instrumentation  
Accuracy • Reliability • Simplicity

## SPECIFICATIONS

<b>Display</b>	4 Digit Liquid Crystal Display	<b>pH sensor well capacity</b>	1,2 ml/0.04 oz.
<b>Dimensions</b>	196 x 68 x 64 mm/7.7 x 2.7 x 2.5 in.	<b>Power</b>	9V alkaline battery
<b>Weight</b>	320 g/11.2 oz.	<b>Battery life</b>	>100 hours (5000 readings)
<b>Case/Cell material</b>	ABS	<b>Operating/storage Temperature</b>	0 – 55°C/32 – 132°F
<b>Cond/TDS cell capacity</b>	5 ml/0.2 oz.	<b>Protection ratings</b>	IP67/NEMA 6 WATERPROOF

## PARAMETERS

Model	RANGES				ACCURACY		
	Conductivity	TDS	pH	TC - 25°C/77°F	Conductivity/TDS	pH	Temperature Reading
TP1	0 – 9999 $\mu$ S 10 – 20.00 mS	0 – 9999 ppm 10 – 20.00 ppt	—	0 – 71°C 32 – 160°F	±1% of reading	—	±0.1°C/F
TPH1	0 – 9999 $\mu$ S 10 – 20.00 mS	0 – 9999 ppm 10 – 20.00 ppt	0 – 14	0 – 71°C 32 – 160°F	±1% of reading	±0.02 pH	±0.1°C/F



The TechPro Line of Accessories: pH Buffers, Standard Solution, Replacement pH Sensor, & choice of Soft or Hard Protective Carry Case



The pH sensor chamber protects a large-capacity, long life KCl reservoir.



This foam-lined case (model PKUU) provides extra protection and portability, making it easier to carry your TechPro instrument in the field.

## ACCESSORIES

**Porta-Kit** (Above) This hard protective carry case is a rugged all plastic foam-lined case that includes 2 oz. each pH 4, 7, & 10 Buffers, pH Sensor Storage Solution, and 442-3000 and KCl-7000. *Model: PKUU*

**Hard Protective Case** Small protective carry case. *Model: UPP*

**Soft Protective Case** Constructed of padded nylon and features a belt clip for hands-free mobility. *Models: UCC (Blue), UCCDT (Desert Tan)*

### NIST Standard Solutions & pH Buffers:

All Myron L Instruments are factory calibrated with Standard Solutions of known conductivity/TDS value and (when appropriate) with pH buffer values 4, 7, and 10. These solutions and buffers are traceable to the U.S. Government's National Institute of Standards and Technology. Periodic recalibration with the appropriate Conductivity Standard Solution and pH Buffers will help maintain the accuracy of your instrument. See the following list for recommendations.

### Order # - Values

(Specify Quarts or Gallons)

- 442-15 (15 ppm/24  $\mu$ S)
- 442-30 (30 ppm/47  $\mu$ S)
- 442-150 (150 ppm/229  $\mu$ S)
- 442-300 (300 ppm/445  $\mu$ S)
- 442-1000 (1000 ppm/1417  $\mu$ S)
- 442-1500 (1500 ppm/2060  $\mu$ S)
- 442-3000 (3000 ppm/3900  $\mu$ S)\*
- 442-15,000 (15,000 ppm/16,630  $\mu$ S)
- KCL-18 (18  $\mu$ S/11 ppm)
- KCL-70 (70  $\mu$ S/45 ppm)
- KCL-180 (180  $\mu$ S/116 ppm)
- KCL-700 (700  $\mu$ S/478 ppm)
- KCL-1800 (1800  $\mu$ S/1294 ppm)
- KCL-7000 (7000  $\mu$ S/5687 ppm)\*
- KCL-18,000 (18.00 mS/16,462 ppm)
- NACL-14.0 (14.0 mS/7864.7 ppm)

\* Recommended value

### pH Buffers

- pH 4    • pH 10
- pH 7    • pH Sensor Storage Solution

**Replacement pH Sensor** Non-refillable KCl gel-filled combination pH sensor featuring a chemical resistant, porous liquid junction. *Model: RPG*

**NIST Certification** Certificates are available that confirm NIST traceability. Instrument Certificate:  
(Order #MC-TP1/MC-TPH1)  
Standard Solution/pH Buffer Certificate:  
(Order #SC-XX)

**Note:** Both MC instrument certificates and/or SC solution certificates must be specified when placing instrument/solution orders.

### LIMITED WARRANTY

All Myron L TechPro II Instruments have a Two (2) Year Limited Warranty, excluding the pH sensors, which have a Six (6) Month Limited Warranty. Warranty is limited to the repair or replacement of the TechPro II Instrument only, at our discretion. The Myron L® Company assumes no other responsibility or liability.

2450 Impala Drive  
Carlsbad, CA 92010-7226 USA  
Tel: 760-438-2021  
Fax: 800-869-7668 / 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.

**Water Quality Instrumentation**  
Accuracy • Reliability • Simplicity

