



CONDUCTIVITY SOLUTIONS

Standard Conductivity Solutions as KCL

CAT. NO.	PRODUCT DESCRIPTION	UNIT SIZE(S)
117/100	Conductivity Test Standard Solution (100 µS as KCL) (80 µS as 442 or 48 ppm as TDS)	E,F,G,P
117/500	Conductivity Test Standard Solution (500 µS as KCL) (253 µS as 442 or 375 ppm as TDS)	E,F,G,P
117/1000	Conductivity Test Standard Solution (1000 µS as KCL) (770 µS as 442 or 527 ppm as TDS)	E,F,G,P
117/1500	Conductivity Test Standard Solution (1500 µS as KCL) (1103 µS as 442 or 757 ppm as TDS)	E,F,G,P
117/2000	Conductivity Test Standard Solution (2000 µS as KCL) (1401 µS as 442 or 1020 ppm as TDS)	E,F,G,P
117/3000	Conductivity Test Standard Solution (3000 µS as KCL) (2086 µS as 442 or 1560 ppm as TDS)	E,F,G,P
117/5000	Conductivity Test Standard Solution (5000 µS as KCL) (3262 µS as 442 or 2650 ppm as TDS)	E,F,G,P



Conductivity Test Standard

Non-Stock, Customer Specific Conductivity Solutions as KCL

117/	Conductivity Test Standard Solution (25-10,000 µS as KCL) (Specify µS of the Non-Stock KCL Solution Required)	E,F,G,P
------	---	---------

Conductivity Test Pouches:

MCI's popular pouches allow the user to have a fresh, pre-measured amount of standardized conductivity solution available each time a meter is calibrated. Each pouch contains 20 mls of standardized conductivity standard sufficient for one calibration. Pouches are supplied 20 units per box with each pouch individually sealed against ingress of light or air. Therefore, when a meter is calibrated using an MCI Conductivity Standard pouch, you readjust the meter to maximize testing accuracy.

Conductivity Neutralizing Products

CAT. NO.	PRODUCT DESCRIPTION	UNIT SIZE(S)
121	Conductivity Neutralizing Solution (1 drop = 50 ppm "P" Alkalinity/50 ml)	A,C,E,F,G
131	Gallic Acid Powder with #408 Scoop	C,E



Conductivity & TDS Meters

CAT. NO. PRODUCT DESCRIPTION

Advantage Controls

HT-3P HanTron Digital Handheld Water Tester Each

Reads Conductivity and Temperature, 1 µS/cm resolution, 0-20,000 µS/cm scale. Compact size with fast, accurate readings. Stores 20 readings with large 5 digit display, readings in PPM or µS. Dimensions: 5.3" x 3.3" x 1.6". Weight: 5.7 oz.

Conductivity	±1% 0 to 800 µS/cm	±1.5% 800 to 5,500 µS/cm	±2% 5,500 to 20,000 µS/cm
Temperature	±2 °F/ 1°C		

Extech Instruments

EC400 Extech ExStick® II Conductivity/TDS/Salinity Meter Each

Handheld waterproof electronic pen - pocket sized triple ranges for Conductivity, TDS, and Salinity. Large 3-1/2 digit, Digital display with analog bargraph to indicate sample trends. Internal memory stores up to 25 labeled readings. Includes EC400 and conductivity cell, protective sensor cap, sample cup with cap, four CR-2032 button batteries, and neckstrap. Dimensions: 1.4" x 6.8" x 1.6". Weight: 3.8 oz.

Conductivity	TDS	Salinity	Temperature
0 to 199.9 µS/cm	0 to 99.9 ppm	0 to 99.9 ppm	32° to 149°F (0 to 65°C)
200 to 1999 µS/cm	100 to 999 ppm	100 to 999 ppm	
2.00 to 19.99 mS/cm	1.00 to 9.99 ppt	1.00 to 9.99 ppt	
Accuracy ±2% FS	Accuracy: ±2% FS	Accuracy: ±2% FS	Accuracy: ±1.8°F/1°C

EC500 Extech ExStick® II pH/Conductivity Meter Each

Features flat surface pH electrode with auto ranging conductivity cell. Handheld waterproof pen with digital display. Measures Conductivity, TDS, Salinity, pH, and Temperature with one electrode. 9 units of measure; pH, µS/cm, mS/cm, ppm, ppt, mg/L, g/L, °C, and °F. Analog bar graph indicates trends. Stores up to 25 labeled readings. Includes EC500, four 3V CR-2023 batteries, neck strap, and sample cup with cap. Dimensions: 1.4"x 7.3" x 1.6". Weight: 3.8 oz.

Specifications	Range	Accuracy
pH	0.00 to 14.00 pH	±0.01 pH
Conductivity	0 -199 µS/cm; 200 - 1999 µS/cm; 2.00 - 19.99 mS/cu	±2% FS
Temperature	23° to 194°F (-5 to 90°C)	±1.8°F/1°C
TDS/Salinity	0- 99.9 ppm; 100-999 ppm; 1.00 - 9.99 ppt	±2% FS
Memory	25 Datasets	



Conductivity & TDS Meters continued

CAT. NO.	PRODUCT DESCRIPTION	
EC505	Extech ExStick® Replacement pH Electrode/Conductivity Cell Module	Each
	Replacement flat surface electrode for the EC500 ExStik® II pH/Conductivity meter. Measures pH, Conductivity, TDS, Salinity, and Temperature. Easy to clean and rugged. Complete with protective connector cap. ATC via built-in Pt-100 Ohm sensor.	

Myron L Instruments

Conductivity meters are versatile meters that can be used in the field for fast, accurate measurements of Total Dissolved Solids or Conductivity and can be used in a variety of applications, such as:

- | | |
|-----------------------------|-----------------------|
| Boilers | Cooling Towers |
| Deionization | Reverse Osmosis |
| Printing Fountain Solutions | Swimming Pools & Spas |
| Water Pollution Control | Wastewater |

856	Conductivity Meter, Myron L EP-10	Each
	Analog handheld meter with four conductivity ranges; 0-10, 0-100, 0-1000, 0-10,000 µM. Accuracy: ±2%. Automatic Temperature Compensation (to 25°C/77°F) for conductivity samples between 10-71°C/50-160°F. One 9 volt battery included. Dimensions: 3.4" W x 4.5" D x 4.0" H. Weight: 1 lb.	
857/5	Conductivity Meter, Myron L 512 M5	Each
	Analog handheld meter. Single range (0-5,000 µM). Accuracy: ±2%. Automatic Temperature Compensation (to 25°C/77°F) for conductivity samples between 10-71°C/50-160°F. One 9 volt battery included. Dimensions: 3.4" W x 4.5" D x 4.0" H. Weight: 1 lb.	
857/10	Conductivity Meter, Myron L 512 M10	Each
	Analog handheld meter. Single range (0-10,000 µM). Accuracy: ±2%. Automatic Temperature Compensation (to 25°C/77°F) for conductivity samples between 10-71°C/50-160°F. One 9 volt battery included. Dimensions: 3.4" W x 4.5" D x 4.0" H. Weight: 1 lb.	
4P11	Myron L Ultrameter II™ 4PII	Each
	Measures Conductivity, Resistivity, TDS, and Temperature. The 4PII Handheld Digital Meter is easy to use and calibrate; waterproof and bouyant. Dimensions: 7.7" x 2.7" x 2.5". Weight: 12.4 oz.	

	Conductivity	TDS	Resistivity	Temperature
Ranges	0-9999 µS/cm 10-200 mS/cm in 5 autoranges	0 -9999 ppm 10-200 ppt in 5 autoranges	10KΩ-30MΩ	0-71°C 32-160°F
Auto Temperature Compensation	0-71°C 32-160°F	0-71°C 32-160°F	0-71°C 32-160°F	± 0.1° C





Conductivity & TDS Meters continued

CAT. NO.	PRODUCT DESCRIPTION
----------	---------------------

Myron L Instruments continued

6PFC^E Myron L Ultrameter II™ 6PFC^E Each

Measures Conductivity, Resistivity, TDS, ORP, Free Chlorine, pH, and Temperature. The 6PFC^E is an ultra fast, easy to use, powerful handheld digital meter. Four digit display for full 9999 reading. Memory for 100 readings with date & time stamp. Choice of KCL, NaCL, and 442™ Natural Water Standards; waterproof and buoyant. Dimensions: 7.7" x 2.7" x 2.5". Weight: 12.4 oz.

	Conductivity	TDS	Resistivity	pH	ORP	Free Chlorine	Temperature
Ranges	0-9999 µS/cm 10-200 mS/cm in 5 autoranges	0-9999 ppm 10-200 ppt in 5 autoranges	10 KΩ-30 MΩ	0-14 pH	±999 mV	0.00-9.99 ppm 350≤ORP mV <725 and 0.0≤pH 9.9 725≤ORP mV <825 and 0.0≤pH<8.9	0-71°C 32-160°F
Accuracy	±1% of reading	±1% of reading	±1% of reading	±0.01% pH	±1% mV	<1.00 ppm ±0.3 ppm ≥1.00 ppm ±0.2 ppm	±0.1°C
Auto Temperature Compensation	0-71°C 32-160°F	0-71°C 32-160°F	0-71°C 32-160°F	0-71°C 32-160°F	—	0-71°C 32-160°F	

PT1 Myron L UltraPen™ Each

Conductivity/TDS/Salinity & Temperature Pen. The PT1 was designed to be accurate and easy to use with fast results. Features KCL, NaCL and 442™ Natural Water Modes, automatic temperature compensation, and autoranging. Fully encapsulated electronics and waterproof. Comes with scoop, protective cap, pocket clip, holster, and lanyard.

Conductivity Range:	Salinity Range:	Temperature Range:	Conductivity Accuracy:	Temperature Accuracy:	Salinity Accuracy:
1-10000 µS or ppm	0.0010 - 10.000 ppt	0-71°C/32-160°F	±1%	±0.1°C/±0.1°F	±1%

TP1 Myron L Techpro II™ TP1 Each

Measures Conductivity, TDS, and Temperature. Light weight digital handheld meter that's easy to use for water treatment testing and commercial applications. Keypad Calibration with full 4 digit crystal display. Waterproof and buoyant. Dimensions: 7.7" x 2.7" x 2.5". Weight: 11.2 oz.

Ranges				Accuracy		
Conductivity	TDS	pH	TC	Conductivity/TDS	pH	Temperature
0-9999 µS	0-9999 ppm	0-14	0-71°C	±1% of reading	±0.02 pH	±0.1°C/F
10-20.00 mS	10-20.00 ppt		32-160°F			

TPH1 Myron L Techpro II™ TPH1 Each

Measures Conductivity, TDS, pH, and Temperature. Light weight digital handheld meter that's easy to use. Keypad Calibration with full 4 digit crystal display. Waterproof and buoyant. User-replaceable, long-life internal pH sensor and auto shut-off. Dimensions: 7.7" x 2.7" x 2.5". Weight: 11.02 oz.

Conductivity	TDS	pH	TC	Conductivity/TDS	pH	Temperature
0-9999 µS	0-9999 ppm	0-14	0-71°C	±1% of reading	±0.02 pH	±0.1°C/F
10-20.00 mS	10-20.00 ppt		32-160°F			



Conductivity & TDS Meters continued

CAT. NO.	PRODUCT DESCRIPTION														
Sper Scientific															
850037	Sper, Large Display Conductivity Pen with Temperature Reading Each Large LCD display, stable one handed operation. Simultaneously displays the parameter being measured and temperature in °C or °F. Dimensions: 6 ½" x 1 ½" x 1 ½". Weight: 2 oz.														
<table border="1"> <thead> <tr> <th colspan="2">Conductivity Range:</th> <th>Conductivity Accuracy:</th> <th colspan="2">Temperature Range:</th> <th colspan="2">Temperature Accuracy:</th> </tr> </thead> <tbody> <tr> <td>0-1999 µS</td> <td>0-19.99 mS</td> <td>1% fs + 1 d</td> <td>-32 to 122°F</td> <td>-0 to 50°C</td> <td>±2°F</td> <td>±1°C</td> </tr> </tbody> </table>		Conductivity Range:		Conductivity Accuracy:	Temperature Range:		Temperature Accuracy:		0-1999 µS	0-19.99 mS	1% fs + 1 d	-32 to 122°F	-0 to 50°C	±2°F	±1°C
Conductivity Range:		Conductivity Accuracy:	Temperature Range:		Temperature Accuracy:										
0-1999 µS	0-19.99 mS	1% fs + 1 d	-32 to 122°F	-0 to 50°C	±2°F	±1°C									