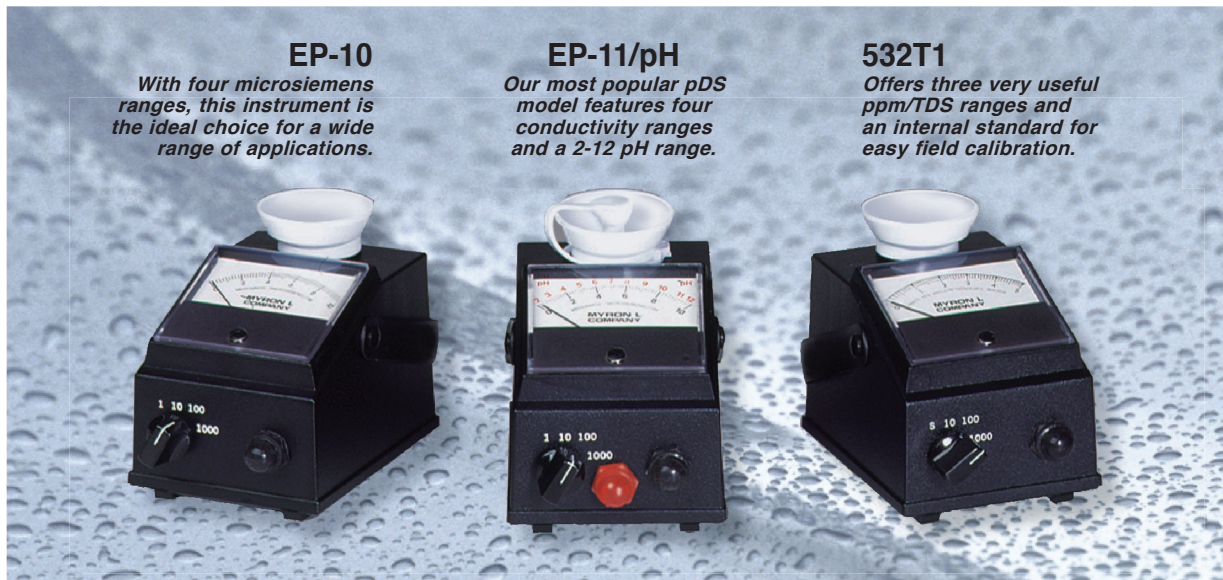


DS and pDS METERS

Conductivity and pH for Professionals



EP-10

With four microsiemens ranges, this instrument is the ideal choice for a wide range of applications.

EP-11/pH

Our most popular pDS model features four conductivity ranges and a 2-12 pH range.

532T1

Offers three very useful ppm/TDS ranges and an internal standard for easy field calibration.

ACCURATE READINGS IN 3 EASY STEPS



Rinse and fill cell cup



Select conductivity/TDS range



Push button, take reading

APPLICATIONS

- Boilers
- Cooling towers
- Deionization
- Reverse osmosis
- Chemical concentrations
- Printing fountain solutions
- Swimming pools
- Water pollution control
- Wastewater

READINGS YOU CAN COUNT ON

No water supply is completely pure. Every industrial, commercial, or natural source contains dissolved solids or salts. These impurities contribute to scale, corrosion, poor taste, and environmental pollution that endanger animal and plant life.

Myron L Company has two proven ways to measure such impurities. Our DS Meters provide fast, accurate, on-the-spot measurement of total dissolved solids (TDS) or conductivity. pDS Meters test conductivity or TDS, plus pH. Readings from their highly stable circuitry help prevent equipment damage, assure product quality, and verify in-line instrumentation in a wide range of applications.

RELIABILITY BUILT IN

Breakage is one of the major causes of sensor failure in a typical pH or conductivity instrument. Myron L instruments provide maximum protection for both the pH and conductivity electrodes inside the cell cup. The user-replaceable pH electrode features a chemical resistant, liquid junction.

UNIQUE FIELD-TESTED DESIGN

Our unique, durable, field-tested design has evolved over more than 40 years, making Myron L instruments among the most reliable and popular of their kind in the world.

They're lightweight and compact, Yet Myron L's DS and pDS Meters are also tough, with rugged, taut-band meter movements.

Put our meters to the test. Even after years of rough field service, they'll surpass your expectations of accurate, reliable readings.

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

SPECIFICATIONS

Ranges	Conductivity: 1, 3, 4 or 5 depending on model pH: 2-12 pH (pDS Meters only) (see table below)	Calibration	Conductivity, pH Zero
Readout:	2 1/2" taut-band shock resistant meter	Controls:	and pH Gain
Units of Measure*:	Choice of parts per million (ppm)/TDS or micromhos (μ M) (microsiemens (μ S)) conductivity	Electrodes (built-in):	pH: KCl gel-filled, field replaceable Conductivity: Never need replatinizing
Accuracy	Conductivity: \pm 2% full scale pH: \pm 0.2 pH units	Cell Cup:	Chip and crack resistant polyethylene
Repeatability:	\pm 1%	Circuitry:	Very stable; requires minimal recalibration
Temperature Compensation:	Automatic (to 25°C) for conductivity samples between 50° and 160°F (10-71°C)	Batteries:	One or two 9 volt batteries supplied; good for 2000 tests/1 year
		Dimensions:	3.4"W x 4.5"D x 4.0"H (86 x 114 x 102 mm)
		Weight:	One pound (0.45 kg)

* 1 μ M (micromho) = 1 μ S (microsiemen)

DS METERS

Model:	512T4*	512M5*	512T5*	512T10*	532M1*	532T1*	532T2*	EP-10	EP	pDS METERS			
Range (s):	0-2500	0-5000	0-5000	0-10,000	0-50	0-50	0-25	0-10	0-0.5	T6/pH*	M6/pH	T2/pH*	EP11/pH
					0-500	0-500	0-250	0-100	0-5	2-12 pH	2-12 pH	2-12 pH	2-12 pH
					0-5000	0-5000	0-2500	0-1000	0-500	0-5000 ppm	0-5000 μ S	0-50 ppm	0-10 μ S
								0-10,000	0-500			0-500 ppm	0-100 μ S
												0-5000 ppm	0-1000 μ S
Units									0-5000				0-10,000 μ S
Measured:	ppm**	μ M	ppm	ppm**	μ M	ppm	ppm	μ M	μ M, M Ω	pH, ppm	pH, μ M	pH, ppm	pH, μ M
Recommended NIST Standard Solutions: (All pDS Models Also Use 4, 7, 10 pH Buffers)													
Key (see below):	F	G	G	O	B,D,G	B,D,G	A,C,F	K,M,O		B,D,G	G	G	B,D,G K,M,O

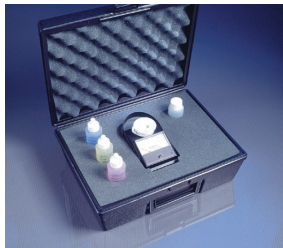
* These models feature the Internal Standard for easy field conductivity calibration and range doubling.

** Also available in micromhos

ACCESSORIES

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



Porta-Kit with EP11/pH

National Institute of Standards and Technology primary solutions. Your instrument will be kept most accurate by periodic recalibration with the appropriate Conductivity Standard Solution and pH Buffers. See the table above for recommendations.



Conductivity & Buffer Solutions

Note: pH 7 buffer is especially important and should be used every 1-2 weeks.

KEY - ORDER # - VALUES

(Specify Quarts or Gallons)

- A** 442-15 (15 ppm/24 μ S)
- B** 442-30 (30 ppm/47 μ S)
- C** 442-150 (150 ppm/229 μ S)
- D** 442-300 (300 ppm/445 μ S)
- E** 442-1000 (1000 ppm/1417 μ S)
- F** 442-1500 (1500 ppm/2060 μ S)*
- G** 442-3000 (3000 ppm/3900 μ S)*
- H** 442-15,000 (15,000 ppm/16,630 μ S)
- I** 442-30,000 (30,000 ppm/30,100 μ S)
- J** KCl-18 (11 ppm/18 μ S)
- K** KCl-70 (45 ppm/70 μ S)
- L** KCl-180 (116 ppm/180 μ S)
- M** KCl-700 (478 ppm/700 μ S)
- N** KCl-1800 (1294 ppm/1800 μ S)*
- O** KCl-7000 (5687 ppm/7000 μ S)*
- P** KCl-18,000 (16,462 ppm/18,000 μ S)

pH Buffers

- pH 4* (red)
- pH 7* (yellow)
- pH 10* (blue)
- pH Sensor Storage Solution*

*Available in 2 oz. bottles

Range Extender: Model RE-10 increases the conductivity/TDS range 10 times when inserted into the sample-filled cell cup. Not available for model 512T10.

Porta-Kit: (pDS only). Sturdy foam-lined case with 2 oz. bottles of pH 4, 7 and 10 buffers and conductivity standard solution. (Order Model PK3 for models M6/pH, T2/pH and T6/pH; Model PK7 for model EP11/pH).

Porta-Pak Carrying Case: Model PTP can be used with all DS and pDS meters. Foam-lined and molded of sturdy ABS plastic. No solutions/buffers included.

Replacement pH Sensor: Model RPY is a unique non-refillable KCl gel-filled combination pH electrode, featuring a liquid junction.

NIST Certification: Certificates are available which confirm NIST traceability of an instrument (Order #MC) or standard solution/pH buffer (Order #SC).

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

LIMITED WARRANTY: All Myron L DS Meters and pDS Meters have a two-year warranty, excluding the pH sensors, which have a six-month limited warranty. Warranty is limited to the repair or replacement of the DS Meter or pDS Meter only, at our discretion. The Myron L Company assumes no other responsibility or liability.

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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

