

Water-Resistant EC/TDS Meters with Visual Alarm



Pronto
TDS
Pronto
EC

Water-resistant conductivity/TDS meters are Hanna's reply to requests of accurate process monitoring at highly affordable costs with low maintenance. Four different models are available to cover all applications. Each meter is supplied with a direct 2-pin probe and 2 meter (6.6') cable with a 1/2" thread for flow-thru mounting. The probe has a temperature sensor to automatically compensate against temperature changes from 5 to 50°C (41 to 122°F) with a β of 2% per degree.

In the measurement mode, a red LED will warn the user in the event the reading is outside of the alarm interval. A front trimmer allows manual calibration at 1 point. The electrical circuitry is tightly sealed inside the water-resistant enclosure. EC and TDS can be installed anywhere quickly and easily with the casings molded hook. The specially designed casing is stable and will not roll off a table. The 12 VDC power supply allows continuous monitoring over extended periods of time.

Specifications

	HI 983303	HI 983306	HI 983307	HI 983308
Range	0 to 1990 μS/cm	0 to 1990 ppm (mg/L)	0.00 to 9.99 mS/cm	0.00 to 9.99 ppt (g/L)
Resolution	10 μS/cm	10 ppm	0.01 mS/cm	0.01 ppt
Accuracy (@20°C/68°F)	±2% F.S.			
Calibration	manual, 1 point, through trimmer			
Calibration solution	HI 70031P	HI 70032P	HI 70039P	HI 70038P
Temperature compensation	automatic, 5 to 50°C (41 to 122°F) with β=2%/°C			
Punto di set	200 to 1600 μS/cm	200 to 1600 ppm	0.70 to 3.50 mS/cm	0.70 to 3.50 ppt
Alarm	red LED blinks when measured value differs from setpoint more than:			
	+100 μS/cm	±100 ppm	±0.2 mS/cm	±0.2 ppt
Probe (included)	HI 7634/2	HI 7634/2	HI 7632/2	HI 7632/2
	all probes are provided with 2 m (6.6') cable and 1/2" thread for in-line installation			
Power supply	12 Vdc adapter (included)			
Environment	0 to 50°C (32 to 122°F); RH max 100%			
Dimensions	86 x 110 x 43 mm (3.4 x 4.3 x 1.7")			
Weight	215 g (7.6 oz.)			

Accessories

HI 7632*	EC probe, 2 m (6.6') cable	HI 70031P	1413 μS/cm calibration solution, 20 mL sachet, 25 pcs
HI 7632/2*	EC probe with 2 m (6.6') cable and 1/2" thread for in-line installation	HI 70032P	1382 ppm calibration solution, 20 mL sachet, 25 pcs
HI 7632/3*	EC probe with 2 m (6.6') cable and 3/4" thread for in-line installation	HI 70039P	5.00 mS/cm calibration solution, 20 mL sachet, 25 pcs
HI 7634*	TDS probe, 2 m (6.6') cable*	HI 70038P	6.44 ppt calibration solution, 20 mL sachet, 25 pcs
HI 7634/2*	TDS probe with 2 m (6.6') cable and 1/2" thread for in-line installation	HI 710005	115 Vac/12 Vdc power adapter, US plug
HI 7634/3*	TDS probe with 2 m (6.6') cable and 3/4" thread for in-line installation	HI 710006	230 Vac/12 Vdc power adapter, European plug

*Replaceable by technical personnel only.

For a complete range of calibration, cleaning and maintenance solutions, see section F. For EC/TDS probes, see section U.

Ordering Information

HI 983303 is supplied complete with HI 7634/2 probe, 12 Vdc adapter, 1413 μS/cm calibration solution (20 mL), screwdriver and instructions.

HI 983306 is supplied complete with HI 7634/2 probe, 12 Vdc adapter, 1382 ppm calibration solution (20 mL), screwdriver and instructions.

HI 983307 is supplied complete with HI 7632/2 probe, 12 Vdc adapter, 5000 μS/cm calibration solution (20 mL), screwdriver and instructions.

HI 983308 is supplied complete HI 7632/2 probe, 12 Vdc adapter, 6.44 ppt calibration solution (20 mL), screwdriver and instructions.