



Portable, Waterproof TDS Meter with Wide Measurement Range



HI 8734 has been specially designed for the water conditioning industry, particularly in the softening, demineralization, reverse osmosis and drinking water applications.

Three ranges of measurement assure the highest accuracy possible. All three ranges can be executed at the touch of a button without having to change the conductivity probe. This makes it very easy to switch applications without having to worry about recalibration.

To add to the meter's accuracy and efficiency, Manual Temperature Compensation is possible through a knob on the front panel.

The 4-ring potentiometric probe is made of rugged PVC for the best protection in the field and is supplied with a 1 m (3.3') cable to access hard to reach areas.

The ratio between conductivity and TDS is factory calibrated at 0.5 (CaCO₃ value).

Specifications

HI 8734	
Range	0.0 to 199.9 mg/L (ppm); 0 to 1999 mg/L (ppm); 0.00 to 19.99 g/L (ppt)
Resolution	0.1 mg/L (ppm); 1 mg/L (ppm); 0.01 g/L (ppt)
Accuracy (@20°C/68°F)	±1% F.S. (excluding probe error)
Calibration	manual, 1 point
Temperature Compensation	manual, 0 to 50°C (32 to 122°F) with B = 2%/°C
Probe	HI 76301D with 1 m (3.3') cable (included)
Battery Type / Life	1 x 9V / approx. 100 hours of continuous use
Environment	0 to 50°C (32 to 122°F); RH max 100%
Dimensions	164 x 76 x 45 mm (6.4 x 3.0 x 1.8")
Weight	250 g (8.8 oz.)

Accessories

HI 76301D	4-ring conductivity probe	HI 710016	Shockproof rubber boot, orange
HI 7032L	1382 ppm (mg/L) calibration solution, 500 mL bottle	HI 710022	Spare protective case
HI 7036L	12.41 ppt (g/L) calibration solution, 500 mL bottle		
HI 710015	Shockproof rubber boot, blue		

Ordering Information

HI 8734 is supplied complete with HI 76301D probe with 1 m (3.3') cable, calibration screwdriver, calibration solutions, protective case, battery and instructions.

For a complete range of calibration, cleaning and maintenance solutions, see section F. For accessories, see section U.