

HI 8734

TDS Meter

- Three measurement ranges
- Rugged probe for field use
- Waterproof

HI 8734 has not only been specifically designed for the water conditioning industry, but particularly in the softening, demineralization, reverse osmosis and drinking water applications.

Three ranges of measurement ensure 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 enhance accuracy and efficiency, MTC (Manual Temperature Compensation) is available using a knob on the front panel.

For the best protection in the field, the four ring potentiometric probe is made of rugged PVC. To access difficult areas, the probe is supplied with a 1 m (3.3') cable.

The ratio between conductivity and TDS is factory set at 0.5.

**ORDERING INFORMATION**

HI 8734 is supplied with HI 76301D conductivity probe, HI 70032 1382 mg/L (ppm) calibration solution sachet, battery, instructions and rugged carrying case.

PROBES

HI 76301D Four ring conductivity probe with DIN connector and 1 m (3.3') cable

SOLUTIONS

HI 7032L 1382 mg/L (ppm) calibration solution, 500 mL

HI 7036L 12.41 g/L (ppt) calibration solution, 500 mL

ACCESSORIES

HI 710007 Shockproof rubber boot, blue

HI 710008 Shockproof rubber boot, orange

HI 710022 Spare protective case

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, one point through TDS knob
Temperature Compensation	manual, 0 to 50°C (32 to 122°F) with $\beta = 2\%/^{\circ}\text{C}$
TDS Factor	0.5
Probe	HI 76301D four ring conductivity probe with DIN connector and 1 m (3.3') cable (included)
Battery Type / Life	9V / approximately 100 hours of continuous use
Environment	0 to 50°C (32 to 122°F); RH max 100%
Dimensions	145 x 80 x 36 mm (5.7 x 3.1 x 1.4")
Weight	230 g (8.1 oz.)

For a complete list of Solutions, see the end of this section.