



- 4 Parameters = 1 Probe!
 - Waterproof
- Automatic Temperature Compensation

HI 9835
Waterproof Cond./TDS/NaCl/Temperature Meter with ATC

The HI 9835 combines the more important parameters you need for measuring conductivity. Now you can sample conductivity, Total Dissolved Solids (TDS), sodium chloride (NaCl) and temperature all at once. Hanna's probe design innovation uses 4 rings enhanced with platinum for greater stability while increasing the range of measurable concentrations and temperature. You can choose between automatic or manual temperature compensation to facilitate your operating requirements. The HI 9835 includes a hard carrying case.

SPECIFICATIONS

	Conductivity	TDS	NaCl	Temperature
Range (autoranging)	0.00 to 29.99 μ S/cm 30.0 to 299.9 μ S/cm 300 to 2999 μ S/cm 3.00 to 29.99 mS/cm 30.0 to 200.0 mS/cm Up to 500.0 mS/cm	0.00 to 14.99 ppm 15.0 to 149.9 ppm 150 to 1499 ppm 1.50 to 14.99 ppt 15.0 to 100.0 ppt Up to 400.0 ppt	0.0 to 400.0%	0.0 to 60.0°C
Resolution	0.01 μ S/cm (0.00 to 29.99 μ S/cm) 0.1 μ S/cm (30.0 to 299.9 μ S/cm) 1 μ S/cm (300 to 2999 μ S/cm) 0.01 mS/cm (3.00 to 29.99 mS/cm) 0.1 mS/cm (Over 30.0 mS/cm)	0.01 ppm (0.00 to 14.99 ppm) 0.1 ppm (15.0 to 149.9 ppm) 1 ppm (150 to 1499 ppm) 0.01 ppt (1.50 to 14.99 ppt) 0.1 ppt (over 15.0 ppt)	0.1%	0.1°C
Accuracy	$\pm 1\%$ of reading \pm (0.05 μ S/cm or 1 digit, whichever is greater)	$\pm 1\%$ of reading \pm (0.03 ppm or 1 digit, whichever is greater)	$\pm 1\%$ of reading	$\pm 0.4^\circ\text{C}$
Cond. Calibration	1 point with 6 memorized buffers			
NaCl Calibration	1 point with HI 7037 buffer (optional)			
Temp. Calibration	2 points at 0 and 50°C (plus $\pm 1^\circ\text{C}$ adjustment)			
Temp Comp.	Automatic or manual from 0 to 60°C (can be disabled to measure actual conductivity)			
Temp. Coefficient	0.00 to 6.00%/°C (for cond. and TDS only) Default value is 1.90%/°C			
TDS factor	0.40 to 0.80 (default value is 0.50)			
Probe	HI 76309 4-ring probe, K=1 nominal and built-in temperature sensor (included)			
Power Supply	4 x 1.5V AA or 12 VDC adapter			
Environment	0 to 50°C; RH 100%			
Weight/Dimensions	18 oz. (500 g)/7.7 x 3.1 x 2.4" (196 x 80 x 60 mm)			