

# EC, TDS, NaCl & °C Meter from HANNA

# HI-9835

## Portable all-in-one – a best seller

### Key Features



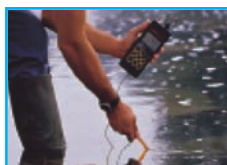
4-ring EC probe with temperature sensor



Easy use buttons



Large display for simultaneous read out



Waterproof casing

### Product Uses



Ideal for field measurements



Plating bars and printing



Pure Water



Measure nutrients for horticulture

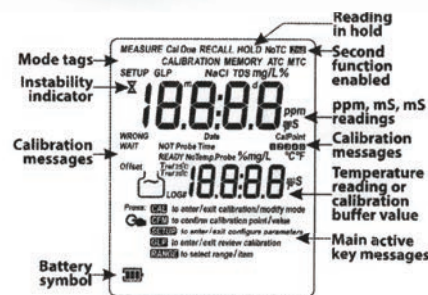
The HI-9835 is a sophisticated portable conductivity meter which also displays TDS and NaCl.

Using one multi-purpose probe to measure all four parameters, users simply select the range most suited to their application:

- EC with temperature
- TDS with temperature
- Sodium chloride with temperature

### Main Benefits

- Backlit display for use in low ambient light levels
- Tutorial messages for calibration and setup
- Extra wide temperature range (-20 °C to +120 °C)
- Battery life displayed for improved maintenance



New LCD Screen

### Product Specifications

Product Code	HI-9835	
Range	EC	0.00 to 29.99 µS/cm; 30.0 to 299.9 µS/cm; 300 to 2999 µS/cm; 3.00 to 29.99 mS/cm; 30.0 to 200.0 mS/cm; up to 500.0 mS/cm (actual EC)
	TDS	0.00 to 14.99 ppm (mg/L); 15.0 to 149.9 ppm (mg/L); 150 to 1499 ppm (mg/L); 1.50 to 14.99 g/L; 15.0 to 100.0 g/L up to 400.0 g/L (actual TDS)
	NaCl	0.0 to 400.0%
	Temperature	-20 to +120°C
Resolution	EC	0.01 µS/cm; 0.1 µS/cm; 1 µS/cm; 0.01 mS/cm; 0.1 mS/cm
	TDS	0.01 ppm (mg/L); 0.1 ppm (mg/L); 1 ppm (mg/L); 0.01 g/L; 0.1 g/L
	NaCl	0.1%
	Temperature	0.1°C
Accuracy	EC	±1% ±(0.05 µS/cm or 1 digit)
	TDS	±1% ±(0.03 ppm or 1 digit)
	NaCl	±1%
	Temperature	±0.2°C excluding probe error
Calibration	EC	automatic, 1 point, with 6 memorized values (84, 1413, 5000, 12880, 80000 and 111800 µS/cm)
	NaCl	1 point, with HI 7037 calibration solution (not included)
	Temperature	2 point, at 0 and 50°C
Temperature Compensation	automatic or manual, -20 to +120°C ; can be disabled for measuring conductivity	
Temperature Coefficient	adjustable from 0.00 to 6.00%/°C (EC and TDS only)	
TDS Conversion Factor	adjustable from 0.40 to 0.80	
Probe	HI 76309, 4-ring probe, K=1 nominal, built-in temperature sensor (included)	
Power Supply	3 x 1.5V AA batteries (included) approx 200 hours continuous use without backlight (50 hours with backlight)	
Auto-Off	auto-off after 5, 10, 20, 60 minutes (can be disabled)	
Environment	0 to 50°C ; RH max 100%	
Dimensions	185 x 72 x 36 mm	
Weight	300 g	



Hanna Instruments Ltd  
Eden Way, Pages Industrial Park  
Leighton Buzzard  
Bedfordshire LU7 4AD

Telephone: 01525 850 855

Fax: 01525 853 668

Email: sales@hannainst.co.uk

Website: www.hannainst.co.uk