



HI8033 EC/TDS Meter

- One-point calibration
- Manual temperature compensation

HI8033 is a handheld conductivity meter with the ability to take measurements in three different ranges.

The included HI76301W probe utilizes the four-ring potentiometric method which measures conductivity with the utmost accuracy and reliability.

The four stainless steel rings are embedded in the resin shaft of the probe to create a smooth surface for fast and easy cleaning.

To improve accuracy in measurements, temperature compensation can be achieved with a knob on the front panel of the meter.

The dial on the front of the HI8033 easily indicates which range you are working in.

Specifications

HI8033

EC	Ranges	0.0 to 199.9 $\mu\text{S}/\text{cm}$; 0 to 1999 $\mu\text{S}/\text{cm}$; 0.00 to 19.99 mS/cm
	Resolution	0.1 $\mu\text{S}/\text{cm}$; 1 $\mu\text{S}/\text{cm}$; 0.01 mS/cm
TDS	Range	0 to 19990 mg/L (ppm)
	Resolution	10 mg/L (ppm)
	Accuracy (@25°C/77°F)	$\pm 1\%$ F.S. (excluding probe error)
Additional Specifications	Calibration	manual, one-point
	Temperature Compensation	manual from 0 to 50°C (32 to 122°F) with $\beta=2\%/^{\circ}\text{C}$
	Probe	HI76301W conductivity probe with 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 95%
	Dimensions	185 x 82 x 47 mm (7.3 x 3.2 x 1.9")
	Weight	270 g (9.5 oz.)
Ordering Information	HI8033 is supplied with HI76301W conductivity probe, battery and instructions.	

EC and TDS solutions begin on page 6.42