



## 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 $\text{mS}/\text{cm}$
	Resolution	0.1 $\mu\text{S}/\text{cm}$ ; 1 $\mu\text{S}/\text{cm}$ ; 0.01 $\text{mS}/\text{cm}$
TDS	Range	0 to 19990 $\text{mg}/\text{L}$ (ppm)
	Resolution	10 $\text{mg}/\text{L}$ (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.)
<b>Ordering Information</b>	<b>HI8033</b> is supplied with HI76301W conductivity probe, battery and instructions.	

EC and TDS solutions begin on page 6.42

