

## HI 8033 $\mu\text{S}/\text{mS}/\text{TDS}$ Meter

- Potentiometric technology
- Three conductivity ranges and one TDS
- Accurate and reliable
- Easy to clean probe

HI 8033 is a handheld conductivity meter with the ability to take measurements in three different ranges.

The included HI 76301W 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 HI 8033 easily indicates which range you are working in.



**HI 710010**  
Shockproof Boot



**HI 710001** Soft  
Carrying Case

### ORDERING INFORMATION

HI 8033 is supplied with HI 76301W conductivity probe, calibration screwdriver, battery and instructions.

### PROBES

**HI 76301W** Four ring conductivity probe with 1 m (3.3') cable

### SOLUTIONS

**HI 7030L** 12880  $\mu\text{S}/\text{cm}$  calibration solution, 500 mL

**HI 7031L** 1413  $\mu\text{S}/\text{cm}$  calibration solution, 500 mL

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

**HI 7033L** 84  $\mu\text{S}/\text{cm}$  calibration solution, 500 mL

**HI 7039L** 5000  $\mu\text{S}/\text{cm}$  calibration solution, 500 mL

### ACCESSORIES

**HI 710009** Shockproof rubber boot

**HI 710010** Shockproof rubber boot

**HI 710001** Soft carrying case

**HI 721313** Rugged carrying case

SPECIFICATIONS		HI 8033
Range	EC	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
	TDS	0 to 19990 mg/L (ppm)
Resolution	EC	0.1 $\mu\text{S}/\text{cm}$ ; 1 $\mu\text{S}/\text{cm}$ ; 0.01 mS/cm
	TDS	10 mg/L (ppm)
Accuracy (@20°C/68°F)		±1% F.S. (excluding probe error)
Calibration		manual, one point
Temperature Compensation		manual, 0 to 50°C (32 to 122°F) with $\beta=2\%/^{\circ}\text{C}$
Probe		HI 76301W 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.)

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