

HI 8633 • HI 8733

Multi-range EC Meters

- 4-ring potentiometric probe
- Waterproof
- Rugged probe for indoor/outdoor measurements
- Multiple scales cover a wide range
- Automatic Temperature Compensation

HI 8633 and HI 8733 conductivity meters have been designed for use in both laboratories and harsh industrial environments.

These instruments utilize a 4-ring potentiometric probe that offers greater versatility over typical amperometric designs.

With additional features such as a built-in temperature sensor, the HI 8633 and HI 8733 are the perfect instruments for measuring samples with fluctuating temperature.



ORDERING INFORMATION

HI 8633 is supplied with HI 76301D conductivity probe, 12880 $\mu\text{S}/\text{cm}$ HI 70030 calibration solution sachets (5), calibration screwdriver, battery, instructions and rugged carrying case.

HI 8733 is supplied with HI 76302W conductivity probe, 12880 $\mu\text{S}/\text{cm}$ HI 70030 calibration solution sachets (5), calibration screwdriver, battery, instructions and rugged carrying case.

PROBES

- HI 76301D** 4-ring conductivity probe with DIN connector and 1 m (3.3') cable for HI 8633
- HI 76302W** 4-ring conductivity probe with internal temperature sensor, DIN connector and 1 m (3.3') cable for HI 8733

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 7033L** 84 $\mu\text{S}/\text{cm}$ calibration solution, 500 mL
- HI 7034L** 80000 $\mu\text{S}/\text{cm}$ calibration solution, 500 mL
- HI 7035L** 111800 $\mu\text{S}/\text{cm}$ calibration solution, 500 mL

ACCESSORIES

- HI 710007** Shockproof rubber boot, blue
- HI 710008** Shockproof rubber boot, orange
- HI 721313** Rugged carrying case

SPECIFICATIONS	HI 8633	HI 8733
Range	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 0.0 to 199.9 mS/cm	
Resolution	0.1 $\mu\text{S}/\text{cm}$ 1 $\mu\text{S}/\text{cm}$ 0.01 mS/cm 0.1 mS/cm	
Accuracy (@20°C/68°F)	±1% f.s. (excluding probe error)	
Calibration	manual, 1 point through EC knob	
Temperature Compensation	manual, 0 to 50°C (32 to 122°F) with $\beta = 2\%/^{\circ}\text{C}$	automatic, 0 to 50°C (32 to 122°F) with β adjustable from 0 to 2.5%/°C
Probe	HI 76301D 4 ring conductivity probe with DIN connector and 1 m (3.3') cable (included)	HI 76302W 4 ring conductivity probe with internal temperature sensor, DIN connector and 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 100%	
Dimensions	145 x 80 x 36 mm (5.7 x 3.1 x 1.4")	
Weight	230 g (8.1 oz.)	