

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.)	



ALEPHGRAPHICS

7961 NW 14th St. | Tel : (305) 994 9933
Doral FL 33126 | Fax:(305) 994 9934
www.alephgraphics.com