HI 8633 • HI 8733

Reliable and Waterproof Multi-range Conductivity Meters

HI 8633 and **HI 8733** have been designed specifically for use in the areas of production and quality control. It is often necessary to test samples with different concentrations ranging from deionized water to brine.

The amperometric system would require constant recalibration and probe changes, thus making the measurement process very time consuming and unreliable. To solve this problem, **HANNA** instruments[®] has developed the **HI 8633**, which uses a 4-ring potentiometric probe. The rugged probe is made of PVC - ideal for indoor, as well as outdoor measurements.

By using one point calibration, it is now possible to obtain accurate readings across a very wide range, from 0.1 to 199900 μ S/cm.

If the temperature of the solution fluctuates, **HI 8733**, with a built-in temperature sensor and Automatic Temperature Compensation, is the perfect instrument.

As an accessory, the **HI 721313** is available. The kit includes a rugged carrying case with a beaker, a calibration screwdriver and standardizing solution at 12880 μ S/cm.

Ordering Information

HI 8633 is supplied complete with **HI 76301D** probe with 1 m (3.3') cable, calibration screwdriver, calibration solutions, protective case, battery and instructions.

HI 8733 is supplied complete with **HI 76302W** probe with internal temperature sensor & 1 m (3.3') cable, calibration screwdriver, calibration solutions, protective case, battery and instructions.



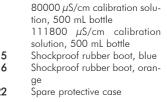


Specifications		
	HI 8633	HI 8733
Range		9 μS/cm .99 mS/cm
Resolution	1	S/cm mS/cm
Accuracy (@20°C/68°F)	$\pm 1\%$ F.S. (excluding probe error)	
Calibration	manual, 1 point	
Temp. Compensation	manual, 0 to 50°C (32 to 122°F) with $\beta = 2\%$ °C	automatic, 0 a 50°C (32 to 122°F) with B adjustable from 0 to 2.5%/°C
Probe	HI 76301D with 1 m (3.3') cable (included)	HI 76302W, ATC, with 1 m (3.3') cable (included)
Battery Type / Life	1 x 9V / approx. 100 hours of continuous use	
Environment	0 to 50°C (32 to 122°F); RH max 100%	
Dimensions	164 x 76 x 45 mm (6.4 x 3.0 x 1.8")	
Weight	250 g (8.8 oz.)	

HI 76301D	4-ring conductivity probe for HI 8633	HI 7034L
HI 76302W	4-ring conductivity probe with internal temperature sensor,	HI 7035L
	for HI 8733	HI 710015
HI 7030L	12880 μ S/cm calibration solu-	HI 710016
	tion, 500 mL bottle	
HI 7031L	1413 μ S/cm calibration solu-	HI 710022
HI 7033L	tion, 500 mL bottle 84 μ S/cm calibration solution, 500 mL bottle	

Accessories

For a complete range of calibration, cleaning and maintenance solutions, see section F. For accessories, see section U.





<u>Conductivity and TDS Meters</u> <u>co</u> <u>information@itm.com</u>