



## Portable Logging Conductivity Meters with Built-in Printer

HI 933300 and HI 933301 are versatile conductivity meters designed to bring lab grade performance and accuracy anywhere in the plant or field.

HI 933300 and HI 933301 allow the user to print a permanent, indisputable record of the measurement data at any time for record keeping, trouble shooting or compliance purposes.

The printing interval is user selectable from 1 to 180 minutes. When the logging mode is activated, HI 933300 records the conductivity and the temperature measurements and can be printed directly or at a later date. The stored data (up to 8,000 measurements) can also be downloaded to a PC through the standard RS232 serial connection and HANNA instruments's infrared adapter & Windows® compatible software.

With the included HI 76302W conductivity probe with 4-ring technology and built-in temperature sensor, HI 933300 and HI 933301 are able to perform advanced measurements with automatic temperature compensation.

### Specifications

		HI 933300	HI 933301
Range	EC	0.0 to 150.0 $\mu$ S/cm; 150 to 1500 $\mu$ S/cm; 1.50 to 15.00 mS/cm; 15.0 to 199.9 mS/cm	
	Temperature	0.0 to 60.0°C	
Resolution	EC	0.1 $\mu$ S/cm; 1 $\mu$ S/cm; 0.01 mS/cm; 0.1 mS/cm	
	Temperature	0.1°C	
Accuracy (@20°C/68°F)		$\pm$ 1% F.S. (EC) / $\pm$ 0.5°C (excluding probe error)	
Calibration		automatic, 1, 2, 3, 4 or 5 points at 0, 84, 1413, 12880, 80000 $\mu$ S/cm	
Temperature Compensation		automatic, 0 to 60°C (32 to 140°F) with $\beta$ adjustable from 0.0 to 3.0%/°C	
Probe		HI 76302W 4-ring probe with internal temperature sensor, 1 m (3.3') cable (included)	
Printer		low consumption, plain paper 38 mm (1.5") large	
Printing Interval		selectable at 1, 2, 5, 10, 15, 30, 60, 120 and 180 minutes	
Logging Interval		selectable at 1, 2, 5, 10, 15, 30, 60, 120 and 180 minutes	—
PC Connection		through RS232 port, using HI 9200 infrared interface	—
Power Supply		4 x 1.5V AA batteries / approx. 500 hours (with 60 minutes printing interval); or 12VDC input	
Environment		0 to 50°C (32 to 122°F); RH max 95% non-condensing	
Dimensions		196 x 80 x 57 mm (7.7 x 3.1 x 2.2")	
Weight		425 g (0.9 lb.)	

### Accessories

HI 76302W	4-ring conductivity probe	HI 7039L	5000 $\mu$ S/cm calibration solution, 500 mL bottle
HI 7030L	12880 $\mu$ S/cm calibration solution, 500 mL bottle	HI 710005	115 Vac/12 Vdc power adapter
HI 7031L	1413 $\mu$ S/cm calibration solution, 500 mL bottle	HI 710006	230 Vac/12 Vdc power adapter
HI 7033L	84 $\mu$ S/cm calibration solution, 500 mL bottle	HI 9200/9	Interface for PC connection
HI 7034L	80000 $\mu$ S/cm calibration solution, 500 mL bottle	HI 92000	Windows® compatible application software
HI 7035L	111800 $\mu$ S/cm calibration solution, 500 mL bottle	HI 710034	Paper roll (10 pcs.)
		HI 710035	Ink cartridge (1 pc.)
		HI 721317	Rugged carrying case

### Ordering Information

HI 933300 is supplied with HI 76302W probe with 1 m (3.3') cable, 5 paper rolls, batteries, rugged carrying case and instructions.

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