



The HI2315 is a basic and affordable conductivity benchtop meter that comes with a four-ring potentiometric EC probe with a built-in temperature sensor. Operation of the meter is simplified to calibration, range selection, and adjustment of the temperature compensation coefficient.

EC calibration is made simple through the easy-to-operate front panel knobs for adjustment. A front knob is also provided to manually set the temperature compensation coefficient of EC from 0 to 2.5 %/°C.

Simple User Interface

Operation is simple with limited features that only require the use of a couple of buttons. Readings are easy to view on the large, clear display.

Calibration

Manual EC calibration can be performed at 1 point. A large front panel knob allows for simple, user-friendly calibration of the HI2315 benchtop meter.

Four-ring EC Probe

The HI2315 meter is supplied with the HI76303 platinum, four-ring EC probe with a built-in temperature sensor that operates over a wide range from 0.00 $\mu\text{S}/\text{cm}$ to 199.9 mS/cm with a full-scale accuracy of $\pm 1\%$.

Temperature Compensation

Temperature is automatically compensated for from 0 to 50°C. The temperature correction coefficient, also referred to as β , is adjustable from 0 to 2.5 %/°C for EC measurements.

Built-in Solution Holders

The HI2315 benchtop meter features four solution holders built directly into the casing. This convenient feature saves valuable benchtop space and maintains solution bottles in an upright position, avoiding any potential spills.

Specifications

HI2315

EC	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 (@25°C/77°F)	$\pm 1\%$ F.S. (excluding probe error)
Additional Specifications	Calibration	manual, one point
	Temperature Compensation	automatic, 0 to 50°C (32 to 122°F) with β adjustable coefficient from 0 to 2.5%/°C
	Probe	HI76303, platinum four ring conductivity probe with internal temperature sensor, DIN connector and 1 m (3.3') cable (included)
	Power Supply	12 VDC adapter (included)
	Environment	0 to 50°C (32 to 122°F); RH max 95% non-condensing
	Dimensions	235 x 222 x 109 mm (9.2 x 8.7 x 4.3")
	Weight	1.3 kg (2.9 lbs)
Ordering Information		HI2315-01 (115V) and HI2315-02 (230V) are supplied with HI76303 conductivity probe, 12 VDC adapter and instruction manual.

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