

New HI 2316

EC and Resistivity Meter

New Features Include:

- Larger easy to read LCD
- New style case with built-in space saving bottle holder



Ordering information

HI 2316-01 (115V) and **HI 2316-02** (230V) are supplied with HI 76303 conductivity probe, HI 3316D resistivity probe, 12 VDC adapter and instruction manual.

Electrodes

HI 76303 Platinum 4-Ring Potentiometric Conductivity Probe with internal temperature sensor, DIN connector and 1 m (3.3') cable

HI 3316D resistivity probe with internal temperature sensor, DIN connector and 1 m (3.3') cable

Solutions

HI 5030-12 12880 $\mu\text{S}/\text{cm}$ EC Solution (120ml)

HI 5031-12 1413 $\mu\text{S}/\text{cm}$ EC Solution (120ml)

HI 5033-12 84 $\mu\text{S}/\text{cm}$ EC Solution (120ml)

HI 5034-12 80000 $\mu\text{S}/\text{cm}$ EC Solution (120ml)

HI 7035L 111800 $\mu\text{S}/\text{cm}$ EC Solution (500ml)

HI 7039L 5000 $\mu\text{S}/\text{cm}$ EC Solution (500ml)

HI 7061L Cleaning Solution (500ml)

Accessories

HI 76404 Electrode Holder

HI 710005 Power Adapter, 115 Vac to 12 VDC, US Plug

HI 710006 Power Adapter, 230 Vac to 12 VDC, European Plug

HI 740036P 100 mL Plastic Beaker

Product Specifications

Design	HI 2316
Built-in Bottle Holders	Yes
Recessed Connection Bay	Yes
LCD	157 x 33 mm (6.2 x 1.3")
Specification	
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
EC Resolution	0.1 $\mu\text{S}/\text{cm}$; 1 $\mu\text{S}/\text{cm}$; 0.01 mS/cm ; 0.1 mS/cm
EC Accuracy (@25°C/77°F)	$\pm 1\%$ FS
Resistivity Range	0 to 19.90 $\text{M}\Omega \cdot \text{cm}$
Resistivity Resolution	0.10 $\text{M}\Omega \cdot \text{cm}$
Resistivity Accuracy (@25°C/77°F)	$\pm 2\%$ FS
Calibration	Manual, one point, for both EC and resistivity
Temperature Compensation	Automatic, 0 to 50°C (32 to 122°F) with β selectable between 0 to 2.5%/°C for EC and from 2 to 7%/°C for resistivity
Probe	HI 76303 - platinum four ring conductivity probe with internal temperature sensor, DIN connector HI 3316D - resistivity probe with internal temperature sensor, DIN connector
Power Supply	12 Vdc adapter
Environment	0 to 50°C (32 to 122°F); RH max 95%
Dimensions	235 x 222 x 109 mm (9.2 x 8.7 x 4.3")
Weight	1.3 kg (2.9 lbs)