

HI 216

EC and Resistivity Meter

with 4-ring platinum EC probe and easy to clean resistivity probe

**SPECIFICATIONS****HI 216**

Range	EC	199.9 $\mu\text{S}/\text{cm}$; 0 to 1999 $\mu\text{S}/\text{cm}$; 19.99 mS/cm ; 199.9 mS/cm
	Resistivity	0 to 19.90 $\text{M}\Omega\cdot\text{cm}$
Resolution	EC	0.1 $\mu\text{S}/\text{cm}$; 1 $\mu\text{S}/\text{cm}$; 0.01 mS/cm ; 0.1 mS/cm
	Resistivity	0.10 $\text{M}\Omega\cdot\text{cm}$
Accuracy (@20°C)	EC	$\pm 1\%$ FS
	Resistivity	$\pm 2\%$ FS
Calibration	Manual, 1 point, for both EC and resistivity	
Temperature Compensation	Automatic from 0 to 50°C with β selectable from 0 to 2.5%/°C for EC and from 2 to 7%/°C for resistivity	
Probes (included)	HI 76303 for conductivity measurements; HI 3316D for resistivity measurements	
Power Supply	12 Vdc (power adapter included)	
Environment	0 to 50°C (32 to 122°F); RH max 95%	
Dimensions / Weight	240 x 182 x 74 mm (9.4 x 7.1 x 2.9") / 1.0 kg (2.3 lbs.)	

ORDERING INFORMATION

HI 216-01 (115V) and **HI 216-02** (230V) are supplied with HI 76303 conductivity probe, HI 3316D resistivity probe, 12 Vdc adapter and instruction manual.

PROBES

- HI 76303** Platinum 4-ring conductivity probe with built-in temperature sensor, DIN connector and 1 m (3.3') cable.
- HI 3316D** Resistivity probe with built-in temperature sensor, DIN connector and 1 m (3.3') cable.

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
- HI 7039L** 5000 $\mu\text{S}/\text{cm}$ calibration solution, 500 mL
- HI 70300L** Electrode storage solution, 500 mL
- HI 7061L** Electrode cleaning solution, 500 mL

ACCESSORIES

- HI 710005** 115 Vac/12 Vdc pwr adapter (US)
- HI 710006** 230 Vac/12 Vdc pwr adapter (EU)
- HI 740036** 100 mL plastic beaker (6 pcs)
- HI 740034** Cap for 100 mL beaker (6 pcs)
- HI 76405** Electrode holder

Add Resistivity Versatility

HI 216 is a combination bench meter that can read conductivity in 4 different ranges and resistivity.

For conductivity measurements, the calibration is a simple 1 point procedure using the easy-to-operate front panel knob. The temperature coefficient can be adjusted from 0 to 2.5% by also using a knob on the front panel. The supplied EC probe does not require re-calibration when switching from one range to another. The 4-platinum-ring probe has a built-in temperature sensor that automatically compensates for temperature changes.

For resistivity measurements, the meter is factory calibrated and, if necessary, calibration can be adjusted. The HI 3316D resistivity probe is easy to clean and requires little maintenance. It also features a built-in temperature sensor to automatically compensate for temperature variations. The temperature coefficient is user selectable from 2 to 7%.

Both the EC and resistivity probes use the same DIN plug on the rear panel and the meter automatically recognizes which probe is connected.

- 4 Measurement Ranges
- Simple 1 point EC calibration procedure
- Both probes feature internal temperature sensors
- Low profile and takes little benchspace



HI 3316D — Resistivity Probe