#### 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 μS/cm; 0 to 1999 μS/cm; 19.99 mS/cm; 199.9 mS/cm
	Resistivity	0 to 19.90 M <b>Ω∙</b> cm
Resolution	EC	0.1 μS/cm; 1 μS/cm; 0.01 mS/cm; 0.1 mS/cm
	Resistivity	0.10 M <b>Ω∙</b> cm
Accuracy (@20°C)	EC	±1% FS
	Resistivity	±2% FS
Calibration		Manual, 1 point, for both EC and resistivity
Temperature Compensation		Automatic from 0 to 50°C with ß 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 prob	e
	with built-in temperature senso DIN connector and 1 m (3.3') cable	
HI 3316D	Resistivity probe with built-i	
	temperature sensor, DIN connecto	r

and 1 m (3.3') cable.

### **SOLUTIONS**

HI 7030L	12880 μS/cm calibration solution, 500 mL
HI 7031L	1413 μS/cm calibration solution,

HI 7061L	Electrode cleaning solution, 500 mL
HI 70300L	Electrode storage solution, 500 mL
HI 7039L	5000 $\mu$ S/cm calibration solution, 500 mL
HI 7035L	111800 $\mu$ S/cm calibration solution, 500 mL
HI 7034L	80000 $\mu$ S/cm calibration solution, 500 mL
	500 mL

84 µS/cm calibration solution,

## ACCESSORIES

HI 7033L

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

