

Hach HQ Portable Digital Multiparameter Meters



- Measure up to 14 different parameters—use with IntelliCAL probes for every application!
- Simple interface ensures easy, successful calibration
- Rugged IP67 construction

Hach HQ portable meters deliver superior accuracy and exceptional data handling in the lab and field. The intuitive interface features illustrated, guided calibration and built-in troubleshooting for successful calibration and accurate measurements every time. pH buffer recognition is automatic with selectable USA, IUPAC or DIN buffer sets, or create your own custom buffer sets.

Choose from HQ2000 or HQ4000 series meters. Both series use Hach IntelliCAL smart probes (see facing page); HQ4000 meters have the added capability of ISE measurement when used with IntelliCAL ISEs (see page 838).

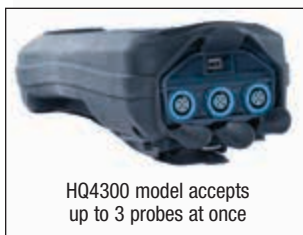
The TFT color display shows your measurement, along with temperature, calibration status, date and time in your choice of 15 languages. An antiglare surface and backlighting allow for viewing in any light conditions.

Automatically or manually log up to 100,000 measurements (10,000 measurements HQ2000 series), along with probe serial numbers, current calibration data, user ID, sample ID, time and date. A USB port lets you download data to a PC or flash drive. Meters operate for about 140 hours on a single charge. Choose from meter only or convenient meter kits.

Meter Only includes: Li-Ion batteries, USB wall charger, USB A to micro B cable (5.9-ft long), wrist strap, protective glove and manuals. HQ2000 series 1-year meter warranty; HQ4000 series 3-year meter warranty. Order probes separately or select a meter kit on facing page.



Measure up to 14 different parameters with one meter!



HQ4300 model accepts up to 3 probes at once



pH	
Range:	0 to 14 pH
Resolution:	0.001/0.01/0.1 pH
Accuracy:	±0.02 pH
mV	
Calibration points:	up to 3
Range:	±1200.0 mV
Resolution:	0.1 mV
Accuracy:	±0.02 mV or 0.05% (whichever is greater)
Concentration (HQ4000 meters only)	
Range:	probe-specific
Calibration points:	up to 5
Conductivity	
Range:	0.01 µS/cm to 200 mS/cm
Resolution:	0.01 µS/cm, 0.1 µS/cm, 0.01 mS/cm, 0.1 mS/cm (range dependent)
Accuracy:	±0.5% of range
Calibration points:	1 per range
Salinity	
Range:	0 to 42 ppt or %
Resolution:	0.01 ppt
Accuracy:	±0.1, ±1 digit
TDS	
Range:	0.01 to 50.00 g/L
Resolution:	0.01 mg/L, 0.1 mg/L, 0.01 g/L, 0.1 g/L (range dependent)
Accuracy:	±0.5% ±1 digit
Dissolved oxygen	
Range:	0.0 to 20.0 mg/L; (0 to 200%)
Resolution:	0.1 mg/L
Accuracy:	±0.1 from 0 to 8 mg/L; ±0.2 from 8 to 20 mg/L
BOD	
Range:	0.05 to 20.0 mg/L
Resolution:	0.01 mg/L
Accuracy:	±0.1 from 0 to 8 mg/L; ±0.2 from 8 to 20 mg/L
Temperature	
Range:	-10.0 to 110.0°C
Resolution:	0.1°C
Accuracy:	±0.3°C
Memory function:	HQ2000 series 10,000 data sets; HQ4000 series 100,000 data sets
Data output:	USB

Meter Only

MFR #	DESCRIPTION	STOCK #	EACH
MULTIPARAMETER METERS			
LEV015.53.2100A	HQ2100 pH/ORP/EC/TDS/DO Meter, 1 Input	90595	\$
LEV015.53.2200A	HQ2200 pH/ORP/EC/TDS/DO Meter, 2 Inputs	90603	
HIGH-END MULTIPARAMETER METERS (ALSO USE INTELLICAL ISEs)			
LEV015.53.4100A	HQ4100 Meter, 1 Input	90613	\$
LEV015.53.4200A	HQ4200 Meter, 2 Inputs	90619	
LEV015.53.4300A	HQ4300 Meter, 3 Inputs	90627	

Replacement Items & Accessories

MFR #	DESCRIPTION	STOCK #	EACH
8508850	Stand for IntelliCAL Laboratory Probes	44289	\$
2770020	Singlet™ pH Buffer, pH 4.01, Box of 20	77219	
2770120	Singlet pH Buffer, pH 7.00, Box of 20	77220	
2770220	Singlet pH Buffer, pH 10.01, Box of 20	77221	
—	KIMWIPES® Disposable Wipes, 4 1/2" x 8 1/2", Box of 280	36989	

See facing page for meter kits. Other meter kits that combine HQ2000 and HQ4000 meters with a variety of IntelliCAL probes and a field accessory kit are available. Contact USABlueBook for information.

Single-Parameter Portable HQ Meters

are also available. See pages 743, 808 and 849.

