



HQ14d Portable Conductivity Meter

Product #: HQ14D53000000

USD Price: Contact Hach

Call for ship date

Dedicated Conductivity Meter

Designed for your water applications, the Hach HQ14d portable meter is an advanced meter that takes the guesswork out of measurements. HQd™ meters connect with smart probes that automatically recognize the testing parameter, calibration history, and method settings to minimize errors and setup time.

Portable meter measures critical water quality parameters - without the need for multiple instruments

Single input channel for conductivity, and temperature - any standard or rugged IntelliCAL™ conductivity smart probe

Intuitive user interface for simple operation and accurate results

Guided calibration and check standard routines reduce calibration errors. Stabilization alerts and visual measurement lock ensure that you can trust the accuracy of the results.

Trust your measurements - IntelliCAL™ smart probes store all calibrations in the probe

Calibration history allows quick and easy change out of probes without re-calibrating. The HQd™ smart system records serial numbers, current calibration data, user ID, sample ID, time, and date automatically in the data log for complete GLP traceability.

Designed for demanding conditions

Rugged, waterproof (IP67) meter provides worry-free, reliable operation in lab or field environments.

Convenient kit includes everything you need to start testing

Meter kit includes 4 AA batteries, quick start guide, and user manual

Specifications

AC and USB Operation:	Optional
Battery Requirements:	4, AA
Benchtop:	with stand
Cable resistance correction:	Digital - not needed
Calibration Curves Display:	Calibration summary data logged and displayed
Calibration Intervals/Alerts/Reminder:	2 hours to 7 days
Compliance Certifications:	CE, WEEE
Conductivity Accuracy:	± 0.5 % from (1µS/cm - 200 mS/cm)
Conductivity measurement:	5 different stability modes
Conductivity Measurement Range:	0.01 µS/cm to 400 µS/cm
Conductivity resolution:	0.01 µS/cm
Data Export:	Download via USB connection to PC or flash stick. Automatically transfer entire data log or as readings are taken.
Data Memory:	500 results

Data Storage:	GLP ISO compliant reading data stored with calibration details. Calibration details and check standard readings documented as events in data log. Automatically store in "press to read" mode and interval measurement mode. Manually store in "continuous read" mode.
Digital (intelligent) electrode inputs:	1 channel
Dimensions (H x W x D):	197 mm x 95 mm x 36 mm
Display:	Display readings from one probe Conductivity: Conductivity, TDS, salinity, resistivity, temperature
Display Lock Function:	Continuous measurement or "press to read" mode available with averaging function for LDO measurement.
Display Type:	Display readings from one or two probes pH: pH, mV, temperature Conductivity: Conductivity, TDS, salinity, resistivity, temperature LDO: dissolved oxygen, pressure, temperature ORP/Redox: mV, temperature Sodium: Sodium, mV, temperature
GLP Features:	#
Inputs:	1
Interface Languages:	13**
Internal Data Storage:	500
IP Rating:	IP67
Languages:	English, French, German, Italian, Spanish, Danish, Dutch, Polish, Portuguese, Turkish, Swedish, Czech, Russian
Output:	USB to PC / flash stick
Parameter:	Conductivity, TDS, Salinity, Resistivity, Temp
Probe Type:	Standard
Resolution:	0.1/ 0.01/ 0.001
Salinity Resolution:	0.01
Temperature Compensation:	Off, automatic, and manual (auto correction is parameter dependent)
Warranty:	3 years
Water Resistance:	Meter Casing: 1 meter submersion for 30 minutes (IP67)
Weight:	0.71 lbs. (0.323 kg)

Required Accessories

- IntelliCAL™ CDC401 Standard Conductivity Probe, 1 m cable (Item CDC40101)
- IntelliCAL™ CDC401 Standard Conductivity Probe, 3 m cable (Item CDC40103)
- IntelliCAL™ CDC401 Rugged Conductivity Probe, 5 m cable (Item CDC40105)
- IntelliCAL™ CDC401 Rugged Conductivity Probe, 10 m cable (Item CDC40110)
- IntelliCAL™ CDC401 Rugged Conductivity Probe, 15 mcable (Item CDC40115)
- IntelliCAL™ CDC401 Rugged Conductivity Probe, 30 m cable (Item CDC40130)



IntelliCAL™ CDC401 Standard Conductivity Probe, 1 m cable

Product #: CDC40101

USD Price: Contact Hach

Ships within 1 week

IntelliCAL™ CDC401 is a digital, graphite, 4-pole conductivity probe. The standard version is available with a 3 or 1 m cable and is intended for laboratory use. The CDC401 is ideal for measuring electrical conductivity, salinity, resistivity, or total dissolved solids (TDS) in wastewater, drinking water, or general water quality applications.

IntelliCAL™ digital probes provide ultimate traceability in conductivity measurement history

Stored time and date stamp for each measurement, operator and sample ID, calibration history, parameter, and probe serial number.

IntelliCAL™ CDC401 digital conductivity probes alert the user when re-calibration is needed

No guesswork needed to provide the most reliable and accurate results with each measurement.

IntelliCAL™ CDC401 digital conductivity probes can be moved between meters without the need to re-calibrate or re-enter measurement settings

Ideal for a multi-user environment with multiple HQd series Laboratory and Portable meters.

Specifications

Accuracy:	Salinity: ± 0.1 , ± 1 digit
Cable Length:	1 m
Diameter:	16 mm
Dimensions (D x L):	16 mm x 200 mm
Length:	200 mm
Material:	Sensor Body: Noryl
Parameter:	Conductivity
Probe Type:	Standard
Range:	Cond.: 0.01 $\mu\text{S}/\text{cm}$ to 200 mS/cm TDS: 0 to 50000 mg/L as NaCl Salinity: 0 to 42 g/kg or ‰ Resist.: 2.5 Ωcm to 49 $\text{M}\Omega\text{cm}$
Resolution:	Salinity: 0.01 ppt
Sensor Type:	4-pole graphite, $k = 0.40 \text{ cm}^{##}$
Temperature Range:	-10 to 110 °C
Weight:	0.23 lbs. (0.104 kg)
