



## HQ11d Portable Starter Package with PHC101 pH Electrode

Product #: 8507530

 **Hazardous**

**OBSOLETE ITEM**  
This item is no longer available.

Items with this mark may be considered hazardous under some shipping conditions.

If necessary, we will change your selected shipping method to accommodate these items.

### Rugged portable meters for use in the field and plant.

Designed for your water applications, the Hach HQ11d portable meter is an advanced meter that takes the guesswork out of measurements. HQd meters connect with Intellical probes that automatically recognize the testing parameter, calibration history, and method settings to minimize errors and setup time.

Replaced by NEW HQ Series.

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

Single input channel for pH, ORP/mV, and temperature - any pH or ORP Intellical 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 package includes HQ11d Portable Meter, PHC201 pH electrode, pH buffers, pH storage solution, meter stand, probe stand, 4 AA batteries, quick-start guide, user manual, and documentation

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## Specifications

AC Power Adapter and USB/DC Adapter:	Optional
Automatic Buffer Recognition:	Yes
Calibration Intervals/Alerts/Reminder:	Off, selectable from 2 hours to 7 days
Compliance Certifications:	CE.WEEE
Contents:	No
Custom Calibration Standards:	Yes
Data Export:	Download via USB connection to PC or flash memory device. Automatically transfer entire data log or as readings are taken.
Data Memory:	500 records/FIFO
Data storage:	Automatic, GLP ISO compliant reading data stored with calibration details.

Digital (intelligent) electrode inputs:	1 channel
Display:	Detailed mode/Large mode
Display Type:	240 x 160 pixel LCD with backlight illumination
Electrode Type:	Intellical Standard Laboratory or Rugged Field
Environmental Conditions: Relative Humidity:	90 % relative humidity (non-condensing)
Environmental Conditions: Temperature:	0 - 60 °C (32 - 140 °F)
GLP Features:	Date; Time; Sample ID; Operator ID
Inputs:	1
Instrument:	Portable
IP Rating:	IP67
Kit?:	Yes
Languages user interface:	English, French, German, Italian, Spanish, Danish, Dutch, Polish, Portuguese, Turkish, Swedish, Czech, Russian
Lock Function:	Continuous / Auto-stabilization ("press to read") / At Interval
Measurement method:	Probe specific programmed method settings
Model:	HQ11D – pH/1 Channel
mV Measurement at Stable Reading:	Yes
mV Measurement Range:	-1500 - 1500 mV
mV Resolution:	0.1 mV
Needed Cable Length:	1
Operating Error Messages:	Clear text error messages displayed
Operating Interface:	Soft Touch Keypad
ORP Electrode Calibration:	Predefined ORP standards (including Zobell's solution)
Parameter:	pH/Oxydo Reduction Potential (ORP)
Parameters:	pH
	NA
	NA
PC Data Transfer Software :	HQD Series Meter Data Transfer Utility
pH Buffer Sets:	Color-coded: 4.01, 7.00, 10.01 pH;
	IUPAC: 1.679, 4.005, 7.000, 10.012, 12.45
	DIN: 1.09, 4.65, 9.23
	User-defined custom buffer sets
pH Electrode calibration:	1 - 3 Calibration points
	Calibration summary data logged and displayed
pH Measurement Range:	0 - 14 pH
pH Resolution:	Selectable:
	0.001/0.01/0.1 pH
Printer:	Yes, Optional
Probes included:	PHC20101
Salinity Measurement Range:	0 - 42 (ppt) (‰)
Salinity Resolution:	0.01 (ppt) (‰)
Sensor A:	PHC20101 (1 m)

Sensor B:	NA
Sensor C:	NA
Sensors:	Sensor A: PHC20101
	Sensor B: NA
	Sensor C:
TDS Measurement Range:	0.00 mg/L - 50.0 g/L NaCl
TDS Resolution:	0.01 mg/L up - 0.1 g/L upon measuring range
Temperature Compensation:	Automatic Temperature compensation for pH
Temperature Measurement:	°C or °F
Temperature resolution:	0.1
Type of measurement:	Field Measurements
Warranty:	36 months
Weight:	335 g (0.75 lb) without batteries; 430 g (0.95 lb) with
What's included?:	Meter package includes HQ11d Portable Meter, PHC201 pH electrode, pH buffers, pH storage solution, meter stand, probe stand, 4 AA batteries, quick-start guide, user manual, test certificate and documentation

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