

# HQ Series Portable Meters

## Applications

- Drinking Water
- Wastewater
- Food and Beverage
- Industrial Water
- Power
- Source Water



## A robust and intuitive range of portable meters, instilling confidence in reporting and managing your results.

### Performing a successful calibration has never been so simple

Most measuring issues are due to incorrect calibration procedures. With our illustrated, step-by-step on-screen calibration and troubleshooting procedures, water quality professionals can succeed every time.

### Deliver your daily activity in just a few clicks

Whether you are at your facility or working in the field, the Hach® HQ Series portable meter ensures your data will be safely transferred via USB or optional Bluetooth\*. Take advantage of additional data validation when you connect your field meter to Claros™ Data Management software.

*\*Bluetooth connectivity currently available in North America and selected European countries.*

### Sensors designed for every application™

We offer standard laboratory and rugged field Intellical™ smart sensors available with the HQ Series to measure a wide variety of parameters including:

- Total Dissolved Solids (TDS)
- Optical Dissolved Oxygen (DO)
- Biochemical Oxygen Demand (BOD)
- Temperature,
- Conductivity
- pH.

Intellical smart probes are automatically recognized by HQ meters, retain calibration history and method settings to minimize errors and setup time. They incorporate proven technology to deliver superior accuracy and response times – even when measuring challenging samples or challenging operating environments.

### Peace of mind: Hach service and support will be there for you

Our Technical Support, Field Service, and Central Service Teams work together with over 80 years of electrochemistry expertise to help you maximize instrument uptime, ensure data integrity, maintain operational stability, and reduce compliance risk. Never feel alone when you need support.



## Parameter Table

Model	HQ1110 pH/ORP/ 1 Channel	HQ1130 DO/ 1 Channel	HQ1140 EC/TDS/ 1 Channel	HQ2100 Multi/ 1 Channel	HQ2200 Multi/ 2 Channels	HQ4100 Multi/ISE/ 1 Channel	HQ4200 Multi/ISE/ 2 Channels	HQ4300 Multi/ISE/ 3 Channels
Temperature	•	•	•	•	•	•	•	•
pH	•			•	•	•	•	•
mV	•			•	•	•	•	•
Conductivity			•	•	•	•	•	•
TDS			•	•	•	•	•	•
Salinity			•	•	•	•	•	•
Resistivity				•	•	•	•	•
Dissolved Oxygen (LDO)		•		•	•	•	•	•
BOD (with LDO)		•		•	•	•	•	•
ORP/Redox	•			•	•	•	•	•
Ammonia						•	•	•
Ammonium						•	•	•
Chloride						•	•	•
Fluoride						•	•	•
Nitrate						•	•	•
Sodium						•	•	•

*\*Subject to change without notice.*

### Technical Data\*

Model	HQ1110 pH/ORP/ 1 Channel	HQ1130 DO/ 1 Channel	HQ1140 EC/TDS/ 1 Channel	HQ2100 Multi/ 1 Channel	HQ2200 Multi/ 2 Channels	HQ4100 Multi/ISE/ 1 Channel	HQ4200 Multi/ISE/ 2 Channels	HQ4300 Multi/ISE/ 3 Channels
<b>Data Memory</b>	5000 data points			10,000 data points		100,000 data points		
<b>Display Type</b>	536x336 Mono-TFT			536x336 Mono-TFT		640x480 Color TFT		
<b>Inputs</b>	1			1	2	1	2	3
<b>Weight (Meter only)</b>	519 g			519 g	541 g	530 g	550 g	570 g
<b>Warranty</b>	EU: 2 years US and other geographies: 1 year			EU: 2 years US and other geographies: 1 year		3 years		
<b>Dimensions (H x W x D)</b>	63 mm x 97 mm x 220 mm							
<b>Enclosure Rating</b>	IP67 (with battery compartment installed)							
<b>Data Storage</b>	Automatic in Press to Read Mode and Interval Mode. Manual in Continuous Read Mode.							
<b>Data Export</b>	USB connection to PC or USB storage device (limited to the storage device capacity).							
<b>Software available</b>	Claros							
<b>Display</b>	Up to 3 parameters at a time, dependent on HQ model							
<b>Backlight</b>	Yes							
<b>Lock Function</b>	Continuous / Auto-stabilization ("press to read") / At Interval							
<b>Languages</b>	English, Chinese - Simplified, Spanish, French, German, Italian, Japanese, Turkish, Dutch, Portuguese (PT & BR), Korean, Danish, Swedish, Polish, Norwegian, Hungarian, Greek, Finnish, Czech, Romanian, Croatian, Bulgarian, Slovak, Lithuanian, Estonian, Slovenian, Russian							
<b>Certifications</b>	CE, FCC, ISED, RCM, KC, ETL Verified: US DOE/ NRCan Energy Efficiency, RoHS							
<b>GLP Features</b>	Date; Time; Sample ID; Operator ID, Calibration							
<b>Power Supply</b>	Rechargeable lithium-ion battery 18650 (internal) Class II, USB power adapter: 100 - 240 VAC, 50/60 Hz input; 5 VDC at 2 A USB power adapter output (external)							

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## Order Information

### HQ Series Portable Standard Sensor Kits

<b>LEV015.53.11101</b>	HQ1110 Portable Dedicated pH/ORP/mV Meter with Gel pH Electrode, 1 m Cable
<b>LEV015.53.22004</b>	HQ2200 Portable Multi-Meter with pH and Dissolved Oxygen Electrodes, 1 m Cables
<b>LEV015.53.11301</b>	HQ1130 Portable Dedicated Dissolved Oxygen Meter with Dissolved Oxygen Electrode, 1 m Cable
<b>LEV015.53.42001</b>	HQ4200 Portable Multi-Meter with Gel pH and Conductivity Electrode, 1 m Cables
<b>LEV015.53.42005</b>	HQ4200 Portable Multi-Meter with Gel pH and Dissolved Oxygen Electrode, 1 m Cables
<b>LEV015.53.43001</b>	HQ4300 Portable Multi-Meter with Gel pH, Conductivity, and Dissolved Oxygen Electrode, 1 m Cable

### HQ Series Portable Rugged Sensor Kits

<b>LEV015.53.11103</b>	HQ1110 Portable Dedicated pH/ORP/mV Meter with Gel pH Electrode, 5 m Rugged Cable
<b>LEV015.53.11302</b>	HQ1130 Portable Dedicated Dissolved Oxygen Meter with Dissolved Oxygen Electrode, 5 m Rugged Cable
<b>LEV015.53.22006</b>	HQ2200 Portable Multi-Meter with pH and Dissolved Oxygen Electrode, 5 m Rugged Cables
<b>LEV015.53.42006</b>	HQ4200 Portable Multi-Meter with Gel pH and Dissolved Oxygen Electrode, 5 m Rugged Cables
<b>LEV015.53.42003</b>	HQ4200 Portable Multi-Meter with Gel pH and Conductivity Electrode, 5 m Rugged Cables

*Additional Standard and Rugged Sensor Kits are available. Please contact Hach for more information.*

### Accessories and Consumables

<b>LEZ015.99.A001A</b>	Portable HQ Series Standard Field Case for Standard Probes
<b>LEZ015.99.A002A</b>	Portable HQ Series Field Case for Rugged Probes with Extended Cable Lengths
<b>LEZ015.99.A003A</b>	Kick Stand and Hand Strap for Portable HQ Series Meter
<b>LEZ015.99.A004A</b>	Protective Glove for Portable HQ Series Meter
<b>LZE015.99.A005A</b>	Wrist Strap and Dust Plugs for Portable HQ Series Meter
<b>LEZ015.99.00001</b>	Li-Ion Battery Replacement, HQ Series Meter
<b>LEZ015.99.00002</b>	USB Cable for Portable HQ Series Meter
<b>LEZ015.99.00006</b>	Replacement Power Supply for HQ Series Meter, US
<b>LEZ015.99.00004</b>	Replacement Power Supply for HQ Series Meter, EU



This instrument connects to Claros, Hach's innovative Water Intelligence System. Claros allows you to seamlessly connect and manage instruments, data, and process – anywhere, anytime. The result is greater confidence in your data and improved efficiencies in your operations. To unlock the full potential of Claros, insist on Claros Enabled instruments.



With Hach Service, you have a global partner who understands your needs and cares about delivering timely, high-quality service you can trust. Our Service Team brings unique expertise to help you maximize instrument uptime, ensure data integrity, maintain operational stability, and reduce compliance risk.

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Be Right™