

Laboratory & Field Instruments: Meters & Probes

Meters & Probes

See Inside!

- **NEW!** IntelliCAL™ pH Ultra Probe
See page 27.
- **NEW!** IntelliCAL™ ORP Probes
See page 28.
- **NEW!** IntelliCAL™ Sodium Probe
See page 28.
- **NEW!** Stainless Steel, Non-Glass ISFET pH Probes
See pages 37-39.
- **NEW!** Probeless MP Meters
See pages 40-41.

*GSA Pricing is available on select Hach products,
call 800-227-4224 for more information.*



Be Right™

HQd Meters & IntelliCAL™ Probes

Intelligent meters and probes offer the ultimate in flexibility and ease of use. The HQd system gives the solution you need today with the ability to add probes easily for future parameters. Choose from a well-rounded selection of laboratory and rugged field probes designed to meet your specific needs. Ideal for facilities with multiple users and testing needs.

- **Flexible**—one meter for all your testing needs, in the lab or in the field
- **Plug & Play**—multi-parameter meters with automatic probe recognition
- **Advanced Technology**—luminescent DO/BOD, a Hach Company breakthrough

See pages 24-36.



H-Series Meters & Probes

Optional glass-free pH probes fit your particular application requirements. Great when you want a rugged, low-maintenance pH probe, yet also need the capability of testing for other parameters.

- **Non-Glass pH**—virtually indestructible Ion-sensitive Field Effect Transistor (ISFET) pH probes store dry and are easy to clean
- **Specialized Probes**—for piercing, semi-micro, and micro applications
- **Wireless Communication**—available via Bluetooth®

See pages 37-39.



MP Meters

Easy-to-use probeless meters for portable spot checks of clean water applications and tap sampling. With simple one-handed operation, MP Meters allow you to “dip and go” for rapid testing.

- **No Probes**—multi-parameter measurement without probes
- **Quick**—accurate results at the push of a button
- **Simple**—fill the cell cup, push a parameter key, and take the reading

See pages 40-41.



sensION™ Meters & Probes

An economical solution for a broad range of testing needs. Available in portable and dedicated benchtop meter models with an extensive selection of probes for multiple parameters.

- **Flexible**—BNC connectors allow quick connection to the probe of your choice
- **Economical**—the right choice when you want value and reliability

See pages 42-48.



Hach's Electrochemistry Family

Meters & Probes

	Intelligent	Non-Glass	Probeless	Economy
	HQd Meters & IntelliCAL Probes	H-Series Meters & Probes	MP Meters	sensION Meters & Probes
	- Wastewater/drinking water monitoring and reporting - General laboratory - Industrial plant control - Environmental monitoring - Rugged, field applications	- Food - Beverage - Education/research - Pharmaceutical - Industrial plant control	- Industrial facilities - Boiler/cooling towers - Water treatment specialists - Distribution monitoring - Pool and spa - Tap or spigot sampling	- Wastewater/drinking water monitoring and reporting - General laboratory - Industrial plant control
PARAMETERS				
pH				
Glass	■	■	■	■
Non-glass (ISFET)		■		
Conductivity	■	■	■	■
Resistivity	■		■	
Salinity	■	■		■
TDS	■	■	■	■
Ammonia		■		■
Dissolved Oxygen				
Polarographic				■
Galvanic		■		
Luminescent (LDO)	■			
BOD Probe (with LDO)	■			
Fluoride		■		■
Temperature	■	■	■	■
Nitrate		■		■
ORP/Redox	■	■	■	■
Sodium	■	■		■
ATTRIBUTES				
Multi-parameter Options	■	■	■	■
Simultaneous Display	■			
Stainless Steel Probes	■	■		
Auto Probe Recognition	■			
Multiple Cable Lengths	■			■
Multi-language Display	■			
On-screen Instructions	■			
Wireless Communication*		■		
USB Connectivity	■	■		

*For Bluetooth-capable models only.

HQd Meters & IntelliCAL™ Probes



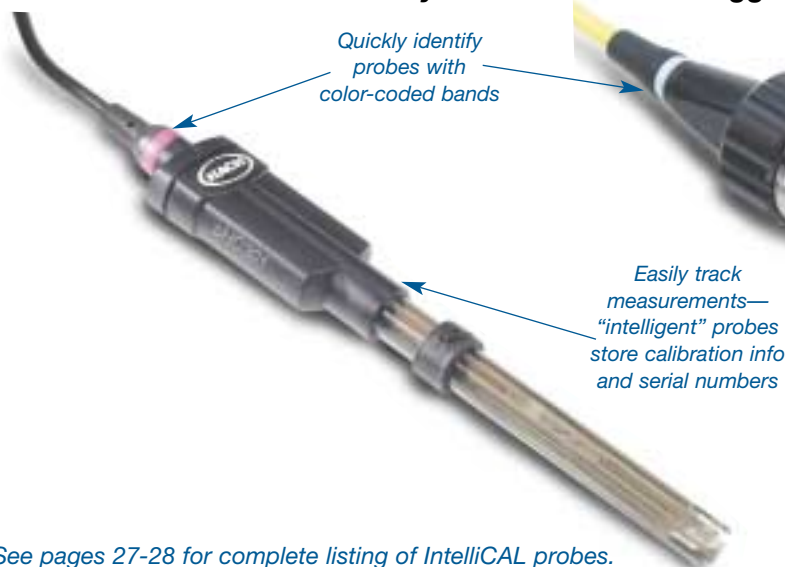
**HQ40d Dual-Input,
Multi-Parameter Digital Meter**

Use a single handheld HQd meter and interchangeable IntelliCAL probes for quick, simple, and reliable measurements.

- **Versatile**—Get the probes you need now, expand or switch out parameters later. Take up to 2 simultaneous measurements with the HQ40d.
- **Time savings**—IntelliCAL probes store calibration history, making change outs simple and fast.
- **Reliable results**—Accuracy ensured with automatic probe and parameter recognition, check standard routines and calibration reminders.
- **Flexible and durable**—IntelliCAL probes available in standard and rugged versions in multiple cable lengths. Ideal for lab and field applications, even harsh environments.
- **Innovative technology**—Patented breakthrough Hach LDO® luminescent dissolved oxygen technology eliminates membranes for low maintenance.

IntelliCAL probes for pH, Conductivity, ORP, Dissolved Oxygen, BOD, Sodium, and Temperature—only from Hach.

Standard Probe: For Laboratory Use



Rugged Probe: For Field Use



See pages 27-28 for complete listing of IntelliCAL probes.

To learn more, go to: www.HQdmeter.com

HQ40d Dual-Input Multi-Parameter Meter

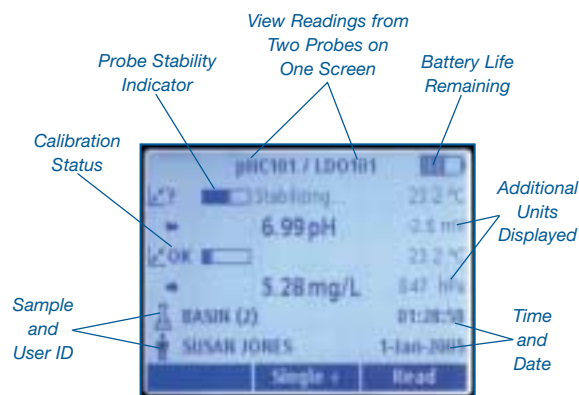
Plug-and-Play with any Two IntelliCAL Probes!

- Lighten your load with a single meter to measure either pH, conductivity (salinity, TDS, resistivity), ORP, temperature, dissolved oxygen (LDO®), or sodium simultaneously
- Calibration history stored in IntelliCAL probe allows quick and easy change out of probes without re-calibration
- 500-record datalog stores measurements, calibrations, check standards, user ID, sample ID, and time and date stamp
- Includes USB/DC power adapter for transfer of data and software updates

HQ40d Meter Only

Product Number	Description
HQ40d53000000	HQ40d Dual-Input, Multi-Parameter Digital Meter

Order meter and probes together, online at: www.hach.com/config



The Hach HQ40d features three connection ports: 2 ports that allow simultaneous measurement of two different parameters using two different probes, and 1 port for USB and external power.



Meters & Probes



To learn more, go to: www.HQdmmeter.com

Find it here... Buy it today on www.hach.com
U.S. customers only.



HQ30d Single-Input Multi-Parameter Meter



Plug-and-Play with any One IntelliCAL Probe!

- Lighten your load with a single meter to measure either pH, conductivity (salinity, TDS, resistivity), ORP, temperature, dissolved oxygen (LDO®), or sodium
- Calibration history stored in IntelliCAL probe allows quick and easy change out of probes without re-calibration
- 500-record datalog stores measurements, calibrations, check standards, user ID and sample ID with time and date stamp

HQ30d Meter Only

Product Number	Description
HQ30d53000000	HQ30d Single-Input, Multi-Parameter Digital Meter

Order meter and probes together, online at: www.hach.com/config



Need hands-free operation in the lab?
New meter stand available for all HQd meters
—see meter accessories on pages 35-36.



The HQ30d features one probe port for use with any of Hach's IntelliCAL probes and one port for external power.

Single Parameter Meters



Dedicated pH/ORP and Conductivity Meters

- HQ11d pH Meter allows you to measure pH, ORP, mV, and temperature with any standard or rugged pH or ORP IntelliCAL probe
- HQ14d Conductivity Meter allows you to measure conductivity, resistivity, salinity or TDS with any standard or rugged conductivity IntelliCAL probe

HQ11d pH/ORP Meter and HQ14d Conductivity Meter

Product Number	Description
HQ11d53000000	HQ11d Digital pH/ORP Meter
HQ14d53000000	HQ14d Digital Conductivity Meter

Order meter and probes together, online at: www.hach.com/config

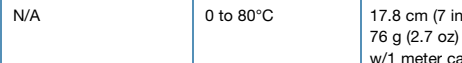
Sensor type	Range	Slope	Temp. Range	Dimensions	Interferences	Prod. No.	Description
IntelliCAL pH Ultra Probe – Standard							
Ultra Refillable Combination Standard Probe	0 to 14 pH	-59 mV/pH unit at 25°C	0 to 80°C for continuous use	7" (17.8 cm) 76 g (2.7 oz) w/1 meter cable	Elevation limitation 5000 m (16,400 ft.), maximum	pHC28101 pHC28103	Electrode only (1 m cable) Electrode only (3 m cable)
IntelliCAL pH Probe – Standard							
Gel-filled Combination Standard Probe	2-14 pH	-59 mV/pH unit at 25°C	0 to 80°C for continuous use	7" (17.8 cm) 76 g (2.7 oz) w/1 meter cable	Na ⁺ above pH 12	pHC10101 pHC10103	Electrode only (1 m cable) Electrode only (3 m cable)
IntelliCAL pH Probe – Rugged							
Gel-filled Combination Rugged Probe	2-14 pH	-59 mV/pH unit at 25°C	0 to 80°C for continuous use	8.5" (21.6 cm) 1182 g (41.7 oz) w/5 meter cable	Na ⁺ above pH 12	pHC10105 pHC10110 pHC10115 pHC10130	Electrode only (5 m cable) Electrode only (10 m cable) Electrode only (15 m cable) Electrode only (30 m cable)
IntelliCAL pH Probe – Standard Refillable							
Refillable Combination Standard	0-14 pH	-59 mV/pH unit at 25°C	0 to 80°C for continuous use	7" (17.8 cm) 76 g (2.7 oz) w/1 meter cable	Na ⁺ above pH 12	pHC30101 pHC30103	Electrode only (1 m cable) Electrode only (3 m cable)
IntelliCAL LDO Probe – Standard							
Luminescent Dissolved Oxygen	0.05 to 20.00 mg/L (0 to 200%)	N/A	0 to 50°C	7" (17.8 cm) 127 g (4.5 oz) w/1 meter cable	Elevation limitation 5000 m (16,400 ft.), maximum	LDO10101 LDO10103	Electrode only (1 m cable) Electrode only (3 m cable)
IntelliCAL LDO Probe – Rugged							
Luminescent Dissolved Oxygen	0.05 to 20.00 mg/L (0 to 200%)	N/A	0 to 50°C	8.5" (21.6 cm) 1232 g (43.5 oz) w/5 meter cable	Elevation limitation 5000 m (16,400 ft.), maximum	LDO10105 LDO10110 LDO10115 LDO10130	Electrode only (5 m cable) Electrode only (10 m cable) Electrode only (15 m cable) Electrode only (30 m cable)

All rugged probes are waterproof to 30 meters for 24 hours (IP68). Other probes are waterproof to 3 meters. Each probe is delivered with color-coded clips for easy identification.

To learn more, go to: www.HQdmeter.com

Find it here... Buy it today on www.hach.com
U.S. customers only.

IntelliCAL™ Probes

Sensor type	Range	Slope	Temp. Range	Dimensions	Interferences	Prod. No.	Description
IntelliCAL BOD Luminescent Dissolved Oxygen Probe – Standard							
Luminescent Dissolved Oxygen	0.05 to 20.00 mg/L	N/A	0 to 50°C	20 cm 225g (7.9 oz) w/5 meter cable	Elevation limitation 5000 m (16,400 ft.), maximum	LBOD10101	Electrode only (1.8 m cable)
							
IntelliCAL ORP Probe – Standard and Standard Refillable							
Gel-filled Combination Standard Probe	-1200mV to +1200 mV	N/A	0 to 80°C	17.8 cm (7 in.) 76 g (2.7 oz) w/1 meter cable		MTC10101 MTC10103	Electrode only (1 m cable) Electrode only (3 m cable)
							
Refillable Combination Standard Probe	-1200mV to +1200 mV	N/A	0 to 80°C	17.8 cm (7 in.) 76 g (2.7 oz) w/1 meter cable		MTC30101 MTC30103	Electrode only (1 m cable) Electrode only (3 m cable)
							
IntelliCAL ORP Probe – Rugged							
Gel-filled Combination Rugged Probe	-1200mV to +1200 mV	N/A	0 to 80°C	21.6 cm (8.5 in.) 1182 g (41.7 oz) w/5 meter cable		MTC10105 MTC10110 MTC10115 MTC10130	Electrode only (5 m cable) Electrode only (10 m cable) Electrode only (15 m cable) Electrode only (30 m cable)
							
IntelliCAL Conductivity Probe – Standard							
Graphite 4-pole	Conductivity: 0.01 µS/cm to 200 mS/cm Resistivity: 2.5 ohm.cm to 49 Mohm.cm Salinity: 0-42 g/kg (ppt) TDS: 0.0-50,000 mg/L	N/A	-10.0 to 110.0°C	7" (17.8 cm) 104 g (3.7 oz) w/1 meter cable		CDC40101 CDC40103	Electrode only (1 m cable) Electrode only (3 m cable)
							
IntelliCAL Conductivity Probe – Rugged							
Graphite 4-pole	Conductivity: 0.01 µS/cm to 200 mS/cm Resistivity: 2.5 ohm.cm to 49 Mohm.cm Salinity: 0-42 g/kg (ppt) TDS: 0.1-50,000 mg/L	N/A	-10.0 to 110.0°C	8.5" (21.6 cm) 1210 g (42.7 oz) w/5 meter cable		CDC40105 CDC40110 CDC40115 CDC40130	Electrode only (5 m cable) Electrode only (10 m cable) Electrode only (15 m cable) Electrode only (30 m cable)
							
IntelliCAL Sodium ISE Probe – Standard							
Refillable Combination Standard Probe	0.023 mg/L (1x10 ⁻⁶ M) to 23,000 mg/L (1 M) Na ⁺	Slope = 59 mV/pNa at 25°C	0 to 50°C	7" (17.8 cm) 76 g (2.7 oz) w/1 meter cable		ISENa38101 ISENa38103	Electrode only (1 m cable) Electrode only (3 m cable)
							

All rugged probes are waterproof to 30 meters for 24 hours (IP68). Other probes are waterproof to 3 meters. Each probe is delivered with color-coded clips for easy identification.

To learn more, go to: www.HQdmmeter.com

A Breakthrough in BOD Measurement! Hach LBOD IntelliCAL™ probe uses patented LDO® technology to deliver superior confidence in results!

All the same great benefits of the Hach LDO probe, with the built-in features to measure BOD!

- No membranes to replace.
- Calibration in less than one minute.
- Reliable performance and accurate readings time after time.
- Have confidence in your results!

Complete System available—Includes:

- HQ40d Digital Meter.
- LBOD Probe (Prod. No. LBOD10101).
- Power and communication cables.
- Laboratory meter stand.

EPA Recommends Hach LDO Method 10360 for use in compliance monitoring.*

*Hach's LDO technology has been approved in numerous states for measuring and reporting Dissolved Oxygen (DO) and BOD. Visit www.HQdmmeter.com or speak with a Hach representative to learn if your state is approved.



Probe Only

Have confidence in your results! Perfect for use in EPA-based BOD testing in 300 mL BOD bottles in approved States.

Product No.	Cable Length
LBOD10101	1.8 meter cable

Complete Probe and Meter Systems

Prod. No.	Description
HQDBOD01	Includes an HQ40d Digital Meter, LBOD10101 probe, power & communication cables & laboratory meter stand.
HQDBODMGR	Same as above with BOD Manager Software (See software description below.)

Hach's BOD Solution

Disposable BOD Bottle

- Fresh bottle, ready for use
- No cleaning required
- Unbreakable and recyclable
- Oxygen will not diffuse in or out of sample
- EPA compliant



Stopper sold separately.

Prod. No.	Description	Unit
2943100	Disposable 300 mL BOD Bottle	117/case
2943900	Unbreakable Acrylic Stopper for 300 mL BOD Bottle	25/pack
190901	Glass Stopper for 300 mL BOD Bottle	each
241906	Plastic Cap for BOD Bottles	6/pack

For more BOD Reagents and BOD Standards, see page 139 of the Parameters Section.

BOD Reagents

- Complete line of products for BOD preparation
- Prepackaged nutrient buffer
- Convenient, easy to use, pre-measured products

Prod. No.	Description
253335	Nitrification inhibitor - 35 g, 200 tests
253334	Nitrification Inhibitor - 500 g, 2500 tests
2918700	BOD Seed Inoculum, 50 capsules, PolySeed®
2514420	ezGGA pre-measured Glucose plus Glutamic Acid 2mL/20 ezGGA Ampules; Equivalent to 198 ppm GGA for the BOD5 test
2484600	Ampule Breaker
1416066	Nutrient Buffer Pillows, 0.5-mL size for 300 mL, 50/pk
1486166	Nutrient Buffer Pillows, 3-mL size for 3 liters, 50/pk
2436466	Nutrient Buffer Pillows, 4-mL size for 4 liters, 50/pk
1486266	Nutrient Buffer Pillows, 6-mL size for 6 liters, 50/pk
1486398	Nutrient Buffer Pillows, 19-mL size for 19 liters, 25/pk

Hach BOD Manager™ Software

Improved Productivity and Time Savings

BOD Manager automates your BOD testing and trending, saving valuable time from your day-to-day testing.

Assured Data Integrity

No transcription errors to worry about.

Easy Access to Data

Data is stored in a secure database with simple file structures and drop down menus.

Hach BOD Manager software automates data entry and calculations from the HQ40d Meter and LBOD probe, resulting in improved productivity and data integrity for Biochemical Oxygen Demand testing.

NEW!

The Hach BOD Manager compares each test to Standard Methods criteria for acceptability to identify invalid tests. An expanded set of data points, such as initial and final temperature, initial pH and initial DO, further support compliance with Standard Methods and are included in the audit trail.

Electronic data capture, built-in calculations and error-checking save valuable time and minimize common mistakes when transcribing and analyzing data.



Prod. No.	Description
WM-BOD_MGR	Hach BOD Manager software

For more information, go to: www.hach.com/im

Find it here... Buy it today on www.hach.com

U.S. customers only.

Rugged Field Kits

- Hach HQd pH, ORP, Conductivity, and LDO meters are now available in rugged field kits
- Feature rugged probes available only from Hach
- All required buffers and accessories for field measurement are organized securely in one durable case!



Rugged DO Field Kit

- Rugged field kit for dissolved oxygen monitoring applications
- Features the rugged Hach LDO probe for maximum durability in the field or plant
- Case includes space to add an additional rugged probe
- Rugged field case includes everything needed for measurement and calibration, organized securely in a durable, die-cut foam insert

Prod. No.
8505100

Description

Rugged DO Field Kit

Includes: Rugged case w/ durable foam insert for organization; HQ30d Meter; Rugged LDO Probe w/ 5 meter cable; Protective Glove for Meter; 250 mL Plastic Flask for calibration; 4 Containers for sample collection; DI Rinse Bottle; Box of Disposable Wipes; Waste Container; Operation Manual



Rugged DO Field Kit w/ HQ40d Multi Meter

- Same rugged kit & components as HQ30d kit, but includes the HQ40d multi meter
- HQ40d meter enables simultaneous, two parameter measurement
- Includes USB/Power Adapter for data transfer and line power operation

Prod. No.
8505200

Description

Rugged DO Field Kit w/ HQ40d Multi Meter

Includes: Rugged case w/ durable foam insert for organization; HQ40d Meter with A/C Power and USB Adapters; Rugged LDO Probe w/ 5 meter cable; Protective Glove for Meter; 250 mL Plastic Flask for calibration; 4 Containers for sample collection; DI Rinse Bottle; Box of Disposable Wipes; Waste Container; Operation Manual



Rugged DO/pH Field Kit

- Measure DO and pH in the field or plant with one rugged kit!
- Feature stainless steel rugged probes & multi-parameter meter, only from Hach
- pH calibration buffers included for maximum portability, organized securely in a durable, die-cut foam insert

Prod. No.
8505400

Description

Rugged DO/pH Field Kit

Includes: Rugged case w/ durable foam insert for organization; HQ40d Meter with A/C Power and USB Adapters; Rugged LDO Probe w/ 5 meter cable; Rugged pH probe w/ 5 meter cable; pH Buffer Singlet Packs for Calibration; pH Storage Solution, 50 mL; Protective Glove for Meter; 250 mL Plastic Flask for calibration; Containers for sample collection; DI Rinse Bottle; Box of Disposable Wipes; Waste Container; Operation Manual



Advanced DO/pH/Conductivity Rugged Field Kit

- The all-in-one rugged kit for complete water quality analysis
- Measure pH, conductivity, or dissolved oxygen wherever required—in the plant or field
- Rugged field case includes everything needed for measurement and calibration, organized securely in a durable, die-cut foam insert

Prod. No.
8505300

Description

Advanced DO/pH/Conductivity Rugged Field Kit

Includes: Rugged case w/ durable foam insert for organization; HQ40d Meter with A/C Power and USB Adapters; Rugged LDO Probe w/ 5 meter cable; Rugged pH probe w/ 5 meter cable; Rugged Conductivity Probe w/ 5 meter cable; pH Buffer Singlet Packs for Calibration; pH Storage Solution, 50 mL; Conductivity Standard, Singlet Packs, 1000 μ S/cm; Protective Glove for Meter; 250 mL Plastic Flask for calibration; DI Rinse Bottle; Box of Disposable Wipes; Waste Container; Operation Manual

Rugged Environmental DO/Conductivity Field Kit

- Measure DO and Conductivity in the field with one rugged kit!
- DO readings automatically compensated by the HQd meter and conductivity value
- Feature stainless steel rugged probes and multi-parameter meter, only available from Hach

Prod. No.	Description
8507500	Rugged Environmental DO/Conductivity Field Kit Includes: Rugged case with HQ40d meter with A/C power and USB adapters, rugged conductivity probe with 5 m cable, rugged LDO probe with 5 m cable, protective glove for meter, conductivity standard (1000 μ S/cm, 491 mg/L NaCl, 100 mL), sample containers (120 mL), 250 mL plastic flask for calibration, polyethylene wash bottle (500 mL), and disposable wipes.



Rugged DO/ORP Field Kit

- Measure DO and ORP in the field or plant with one rugged kit!
- Feature stainless steel rugged probes and multi-parameter meter, only available from Hach
- Great for process control and monitoring applications

Prod. No.	Description
8507400	Rugged DO/ORP Field Kit Includes: Rugged case with durable foam insert for organization, HQ40d meter with A/C power and USB adapters, rugged LDO probe with 5 m cable, ORP rugged gel-filled probe with 5 m cable, ORP Standard Solution (ZoBell's), 500 mL, ORP standard solution (500 mL), pH storage solution (50 mL), protective glove for meter, 250 mL plastic flask for calibration, containers for sample collection, polyethylene wash bottle (500 mL), box of disposable wipes, waste container, operation manual.



Rugged ORP Field Kit

- Rugged field kit for ORP/Redox monitoring applications
- HQ40d meter enables simultaneous, two parameter measurement
- Includes USB/Power Adapter for data transfer and line power operation

Prod. No.	Description
8507300	Rugged ORP Field Kit Includes: Rugged case with HQ40d meter with A/C power and USB adapters, ORP rugged gel-filled probe with 5 m cable, protective glove for meter, pH storage solution (500 mL), ORP standard solution (500 mL), electrode cleaning solution (500 mL), ORP electrode reducing solution (500 mL), Erlenmeyer flask (250 mL), polyethylene wash bottle (500 mL), sample containers (120 mL), and disposable wipes.



Rugged Field Cases

- Now available for your existing meters and probes
- Rugged field cases include sample collection containers and space for meter and rugged probes
- Durable, die-cut foam inserts hold meter and probes securely in place

Prod. No.	Description
8505500	Rugged Field Case for two probes with 5 m cables Includes: Empty case and insert for meter and probe storage; (4) Containers for sample collection; 500 mL Wash Bottle.
8505501	Rugged Field Case for three probes with 5 m cables Includes same accessories as case 8505500.
8505600	Rugged Field Case for extended cable length probes Includes: Empty case and insert for meter and probe storage. Will hold meter and two 15 m cables or meter and one 30 m cable.



Rugged cases are available for existing HQd meters and rugged probes.

- HQd meters and IntelliCAL probes now available in popular packaged configurations
- Choose from basic starter kits or complete advanced kits for your facility
- Include buffers, standards, and accessories for quick ordering and simple start up



BOD Measurement System

- Only from Hach: Complete BOD measurement system featuring the LDO advantage
- Calibration in less than one minute
- No membranes to replace

Prod. No.
8505700

Description

BOD Measurement System

Includes: HQ40d Meter with A/C Power and USB Adapters; LBOD Probe; HQd Meter Stand; Disposable BOD Bottles (117/case); Acrylic Stoppers (25); BOD Bottle Caps (2 packages of 6)

Also available without bottles and caps—see page 29 for meter and probe system (Prod. No. HQDBOD01)

For available BOD chemistries, see page 139.



Advanced pH/BOD Kit

- Complete measurement package for pH and BOD—great for wastewater labs
- Includes NEW Hach LBOD IntelliCAL probe and HQd meter stand for benchtop measurement
- Includes calibration buffers and standards for quick ordering and start up
- Order BOD chemistries and solutions separately

Prod. No.
8506200

Description

Advanced pH/BOD Kit

Includes: HQ40d Meter with A/C Power and USB Adapters; Refillable pH Probe w/ 1 meter cable; LBOD Probe; HQd Meter Stand; pH Buffer Kit, 500 mL; pH Storage Solution, 500 mL; Disposable BOD Bottles (117/case); Acrylic Stoppers (25); Probe Stand; BOD Bottle Caps (2 packages of 6)

For available BOD chemistries, see page 139.



Basic Dissolved Oxygen Kit

- Complete starter kit featuring the HQ30d Meter and Standard IntelliCAL LDO probe
- Includes bottle and for simple calibration setup
- Make your system portable by ordering Rugged Field Case, Prod. No. 8505500

Prod. No.
8506300

Description

Basic Dissolved Oxygen Kit

Includes: HQ30d Meter; Standard LDO Probe w/ 1 meter cable; Disposable BOD bottle and stopper for calibration; HQd Meter Stand



Complete Water Quality Lab Kit: DO/pH/Conductivity

- Complete water quality measurement package for any lab type
- Includes HQd meter stand and IntelliCAL probe stand for benchtop measurement
- Includes calibration buffers and standards for quick ordering and start up

Prod. No.
8506000

Description

Complete Water Quality Lab Kit: DO/pH/Conductivity

Includes: HQ40d Meter with A/C Power and USB Adapters; Refillable pH Probe w/ 1 meter cable; Conductivity Probe w/ 1 meter cable; Standard LDO Probe w/ 1 meter cable; HQd Meter Stand; pH Buffer Kit, 500 mL; pH Storage Solution, 500 mL; Conductivity Standard, 1000 μ S/cm, 100 mL; Disposable BOD bottle and stopper for calibration; Probe Stand

NEW! pH Ultra/Conductivity Kit

- Features the new pH Ultra electrode for fastest response in difficult samples
- Great for pure water samples
- Includes HQd meter stand and IntelliCAL probe stand for benchtop measurement

Prod. No.	Description
8507520	pH Ultra/Conductivity Kit Includes: Refillable pH Ultra Probe w/ 1 meter cable; Conductivity Probe w/ 1 meter cable; HQd Meter Stand; pH Buffer Kit, 500 mL; Conductivity Standard, 1000 • S/cm, 100 mL; Probe Stand



NEW! pH Ultra Starter Kit

- Complete starter kit featuring the HQ40d Meter & NEW Standard IntelliCAL pH Ultra Probe
- Includes probe and meter stands and pH buffer solutions

Prod. No.	Description
8506400	pH Ultra Starter Kit HQ40d meter with A/C power and USB adapters, pH ultra probe with 1 m cable, probe stand, HQd meter stand, pH 4.01 buffer solution (color-coded red, 500 mL), pH 7.00 buffer solution (color-coded yellow, 500 mL), and pH 10.01 buffer solution (color-coded blue, 500 mL).



Advanced pH/Conductivity Kit

- Complete measurement package for pH and conductivity—great for drinking water labs
- Includes HQd meter stand and IntelliCAL probe stand for benchtop measurement
- Includes calibration buffers and standards for quick ordering and start up

Prod. No.	Description
8505800	Advanced pH/Conductivity Kit Includes: HQ40d Meter with A/C Power and USB Adapters; Refillable pH Probe w/ 1 meter cable; Conductivity Probe w/ 1 meter cable; HQd Meter Stand; pH Buffer Kit, 500 mL; pH Storage Solution, 500 mL; Conductivity Standard, 1000 µS/cm, 100 mL; Probe Stand



pH Starter Kit

- Complete starter kit featuring HQ11d Meter and Standard IntelliCAL Gel pH probe
- Includes pH calibration buffers for quick ordering and start up
- Features the new IntelliCAL probe stand for measurement and probe storage

Prod. No.	Description
8505900	pH Starter Kit Includes: HQ11d pH Meter; Gel pH Probe w/ 1 meter cable; HQd Meter Stand; pH Buffer Kit, 500 mL; pH Storage Solution, 500 mL; Probe Stand



Conductivity Starter Kit

- Complete starter kit featuring HQ14d Meter and Standard IntelliCAL Conductivity probe
- Includes Conductivity Standard Solution for quick ordering and start up
- Features the new IntelliCAL probe stand for measurement and probe storage

Prod. No.	Description
8506100	Conductivity Starter Kit Includes: HQ14d Conductivity Meter; Standard Conductivity Probe w/ 1 meter cable; HQd Meter Stand; Conductivity Standard, 1000 µS/cm, 100 mL; Probe Stand





NEW! Ultra pH/ORP Kit

- Features the new pH Ultra electrode for fastest response in difficult samples
- Great for drinking water facilities—use in the lab or field
- Includes calibration buffers and standards for quick ordering and start up

Prod. No.	Description
8507100	Ultra pH/ORP Kit Includes: HQ40d meter with A/C power and USB adapters, standard gel-filled ORP probe with 1 m cable, pH ultra probe with 1 m cable, probe stand, HQd meter stand, ORP standard solution (500 mL), pH storage solution (500 mL), pH 4.01 buffer solution (color-coded red, 500 mL), pH 7.00 buffer solution (color-coded yellow, 500 mL), and pH 10.01 buffer solution (color-coded blue, 500 mL).



NEW! Basic pH/ORP Kit

- Complete measurement package for pH and ORP great for drinking water labs
- HQ40d meter enables simultaneous, two parameter measurement
- Includes calibration buffers and standards for quick ordering and start up

Prod. No.	Description
8507200	Basic pH/ORP Kit Includes: HQ40d meter with A/C power and USB adapters, standard gel-filled ORP probe with 1 m cable, standard gel-filled pH probe with 1 m cable, probe stand, HQd meter stand, ORP standard solution (500 mL), pH storage solution (500 mL), pH 4.01 buffer solution (color-coded red, 500 mL), pH 7.00 buffer solution (color-coded yellow, 500 mL), and pH 10.01 buffer solution (color-coded blue, 500 mL).



NEW! ORP Starter Kit

- Complete starter kit featuring HQ11d Meter and Gel-filled standard ORP probe
- Includes Zobell's standard solution for quick ordering and start up
- Features IntelliCAL probe stand for lab measurement and probe storage

Prod. No.	Description
8506500	ORP Starter Kit Includes: HQ11d meter with A/C power and USB adapters, gel-filled standard ORP probe with 1 m cable, probe stand, HQd meter stand, ORP standard solution (500 mL).



NEW! Sodium ISE Starter Kit

- Complete starter kit featuring the HQ40d Meter and Standard IntelliCAL Sodium ISE electrode
- Includes probe and meter stands, ionic strength adjustor powder pillows, and standard solutions

Prod. No.	Description
8507000	Sodium ISE Starter Kit HQ40d meter with A/C power and USB adapters, cables, sodium ISE probe with 1 m cable, probe stand, HQd meter stand, sodium and potassium ionic strength adjustor powder pillows (pkg of 100), sodium standard solution 10 mg/L (1L), sodium standard solution 100 mg/L and (1 L), and sodium standard solution 1000 mg/L (500 mL).

HQd Meter & Probe Accessories

Meter Stand

Custom-fit for all HQd meters, the Meter Stand is perfect for use in the laboratory or other applications where hands-free meter operation is desired. Black molded plastic is durable and easy to clean. For use with all HQd meters (without protective glove).

Prod. No.
4754900



Probe Stand for Hach IntelliCAL Probes

Probe stand will hold up to three probes simultaneously for hands-free operation of HQd meter and IntelliCAL probe systems. Unique clip design allows for quick and easy removal of probes.

Prod. No.
8506600



Protective Glove

The durable polymer construction of this protective glove provides your meter with the added impact protection that field use requires. Wrist and neck straps keep the meter secure. Two standard probe holders (not included in kit) can be slid onto the protective glove for maximum versatility.

Prod. No.
5828700



Probe Holder (Standard IntelliCAL Probes Only)

Designed for use in conjunction with the Protective Glove, Probe Holders can be used to organize and store standard probes with 1- or 3-meter cables. Simply wrap cable around the holder and slide probe in protective sheath. Protective Glove can hold one or two Probe Holders.

Prod. No.
5829400



Field Kit

Includes protective glove and 5 120 mL sample cups. Carry your HQd system anywhere. Custom inserts organize and securely position your meter and probes.

NOTE: Ideal for standard IntelliCAL probes. Included with HQ40d meter systems.

Prod. No.
5825800



Probes and Meter not included.



Color Coded Probe Clips



Make identification or personalization of different probes easy by clipping a color-coded band to each end of your probe cable. Ten clips of five different colors per package.

NOTE: One package of clips included with each probe.

Prod. No.
5818400



HQd Meter & Probe Accessories

Probe Cable Depth Markers

Taking readings at specific depths with rugged probes is a snap with these Depth Markers. Visually identify the depth of your probe by attaching Depth Marker securely on cable at points to meet your needs. Five Depth Markers per package.

NOTE: For use with rugged probes only.

Prod. No.
5828610



Plastic cable depth markers snap on easily where your needs require. For use with rugged probes only.

Replacement Shroud Kit for Rugged Probes

Includes protective bell and locking ring. The rugged shroud absorbs the impact from rough wear and tear.

Prod. No.
5825900



Replacement LDO Sensor Cap

Includes i-button™ and sensor cap.

Prod. No.
5811200



Replacement LBOD Sensor Cap

Prod. No.
5838000



Replacement Stirrer Assembly for IntelliCAL LBOD Probe

Prod. No.
5850800



HQd Meter USB and AC Power Adapter Kit



For use with any HQd Meter, this adapter provides A/C power in the lab. The USB adapter that is included can be used to transfer data from the meter to a PC, memory stick, or printer.

NOTE: Meter will remain water-proof after using the A/C power adapter. Included with HQ40d meter systems.

Prod. No.	Description
5826300	USB and AC Power Adapter Kit, 115V
5834100	USB and AC Power Adapter Kit, 230V

256 MB USB Flash Drive

Prod. No.
2946900

Keyboard

Prod. No.
LZV582

Printer

Prod. No.	Description
2960100	Citizen PD-24 Printer Package includes printer, universal power supply, 115V North American power cord, RS-232 cable, gender adapter, USB cable, battery pack, and one roll of thermal paper.
5836000	Printer Paper for PD-24, Thermal 5/pk

