

# HQd™ DIGITAL METERS & IntelliCAL™ PROBES

## Applications

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



## A customized solution for water quality testing that takes the guesswork out of your measurements.

### Easy to Use in the Field

The wide variety of rugged probe options available for the portable meter means it is perfect for field use. All connections between the meter and the probe are secure and waterproof. Connectors can be color-coded for quick identification. Information is clearly displayed on one screen with back light for low light conditions. Display results can be enlarged for easier reading.

### Probes for Every Application

For high-volume labs or applications where performance is critical, IntelliCAL Red Rod pH electrodes incorporate proven technology to deliver superior accuracy and response times—even when measuring challenging samples over a wide temperature range.

Standard lab probes and rugged field probes are available to measure a wide variety of parameters. Several probes use specialty designs for specific measurement applications. All IntelliCAL probes are automatically recognized by HQd meters and retain calibration history and method settings to minimize errors and setup time.

### Simple and Fast Lab Setup

Offering a complete portfolio of water testing parameters and a simple bench top setup, this meter provides the ultimate in lab analysis. The intuitive user interface with guided calibration ensures accurate results, and with a new, large, backlit LCD screen, the meter is simple to read even when measuring two parameters simultaneously.



Be Right™

## HQd PORTABLE METERS



Now offering a complete water analysis portfolio of testing parameters with standard, rugged, and ultra options. Hach's HQd system gives maximum measurement flexibility and ease of operation with interchangeable probes and automatic parameter recognition.

<b>Parameter</b>	<b>HQ11d DEDICATED pH/mV PORTABLE METER</b>	<b>HQ14d DEDICATED CONDUCTIVITY PORTABLE METER</b>	<b>HQ30d SINGLE INPUT MULTI-PARAMETER PORTABLE METER</b>	<b>HQ40d DUAL INPUT MULTI-PARAMETER PORTABLE METER</b>
Temperature	■	■	■	■
pH				
Glass	■		■	■
Non-glass (ISFET)				
mV	■		■	■
Conductivity		■	■	■
TDS		■	■	■
Salinity		■	■	■
Resistivity		■	■	■
Dissolved Oxygen				
Luminescent (LDO)			■	■
BOD Sensor (with LDO)			■	■
ORP/Redox	■		■	■
Ion Selective Electrodes				
Ammonia			■	■
Ammonium			■	■
Chloride			■	■
Fluoride			■	■
Nitrate			■	■
Sodium			■	■

<b>Specifications</b>	<b>HQ11d DEDICATED pH/mV PORTABLE METER</b>	<b>HQ14d DEDICATED CONDUCTIVITY PORTABLE METER</b>	<b>HQ30d SINGLE INPUT MULTI-PARAMETER PORTABLE METER</b>	<b>HQ40d DUAL INPUT MULTI-PARAMETER PORTABLE METER</b>
IP Rating	IP67	IP67	IP67	IP67
Internal Data Storage	500*	500*	500*	500*
Inputs	M12 digital (1) for IntelliCAL probes	M12 digital (1) for IntelliCAL probes	M12 digital (1) for IntelliCAL probes	M12 digital (2) for IntelliCAL probes
Outputs	USB to PC / flash stick	USB to PC / flash stick	USB to PC / flash stick	USB to PC / flash stick
Resolution	0.1/ 0.01/ 0.001	0.1/ 0.01/ 0.001	0.1/ 0.01/ 0.001	0.1/ 0.01/ 0.001
Interface Languages	13**	13**	13**	13**
Warranty	3 years	3 years	3 years	3 years
Compliance	CE.WEEE	CE.WEEE	CE.WEEE	CE.WEEE
Benchtop	with stand	with stand	with stand	with stand
GLP Features	■	■	■	■
PC Data Transfer Software	included	included	included	included
Backlight	■	■	■	■
Battery Operation	■	■	■	■
AC and USB Operation	optional	optional	optional	included
<b>Prod. No.</b>	<b>HQ11D53000000</b>	<b>HQ14D53000000</b>	<b>HQ30D53000000</b>	<b>HQ40D53000000</b>

\*Expanded storage with external USB storage device. \*\*English, German, Spanish, Portuguese, French, Italian, Dutch, Turkish, Polish, Danish, Swedish, Russian, Czech

# HQd BENCHTOP METERS

All the benefits of the digital HQd system, with simplified data transfer and easy-to-read results on a large, backlit screen.



<b>Parameter</b>	<b>HQ411d DEDICATED pH/mV BENCHTOP METER</b>	<b>HQ430d SINGLE INPUT MULTI-PARAMETER BENCHTOP METER</b>	<b>HQ440d DUAL INPUT MULTI-PARAMETER BENCHTOP METER</b>
Temperature	■	■	■
pH			
Glass	■	■	■
Non-glass (ISFET)			
mV	■	■	■
Conductivity		■	■
TDS		■	■
Salinity		■	■
Resistivity		■	■
Dissolved Oxygen			
Luminescent (LDO)		■	■
BOD Sensor (with LDO)		■	■
ORP/Redox	■	■	■
Ion Selective Electrodes			
Ammonia		■	■
Ammonium		■	■
Chloride		■	■
Fluoride		■	■
Nitrate		■	■
Sodium		■	■

<b>Specifications</b>	<b>HQ411d DEDICATED pH/mV BENCHTOP METER</b>	<b>HQ430d SINGLE INPUT MULTI-PARAMETER BENCHTOP METER</b>	<b>HQ440d DUAL INPUT MULTI-PARAMETER BENCHTOP METER</b>
IP Rating	IP54	IP54	IP54
Internal Data Storage	500*	500*	500*
Inputs	M12 digital (1) for IntelliCAL probes	M12 digital (1) for IntelliCAL probes	M12 digital (2) for IntelliCAL probes
Outputs	USB to PC / flash stick	USB to PC / flash stick	USB to PC / flash stick
Resolution	0.1/ 0.01/ 0.001	0.1/ 0.01/ 0.001	0.1/ 0.01/ 0.001
Interface Languages	13**	13**	13**
Warranty	3 years	3 years	3 years
Compliance	CE.WEEE	CE.WEEE	CE.WEEE
GLP Features	■	■	■
PC Data Transfer Software	included	included	included
Backlight	■	■	■
Battery Operation	■	■	■
Probe Stand	optional for all models	included	included
<b>Prod. No.</b>	<b>HQ411D</b>	<b>HQ430D</b>	<b>HQ440D</b>

\*Expanded storage with external USB storage device. \*\*English, German, Spanish, Portuguese, French, Italian, Dutch, Turkish, Polish, Danish, Swedish, Russian, Czech

## HQd IntelliCAL PROBES



Specifications	DO Luminescent Dissolved Oxygen	DO Luminescent Dissolved Oxygen	BOD Luminescent Dissolved Oxygen	Conductivity	Conductivity
Special Feature	LDO technology. No membranes.	LDO technology. No membranes.	LDO technology. Designed for BOD applications. No membranes.		
Probe Type	Laboratory Luminescent Dissolved Oxygen	Rugged Luminescent Dissolved Oxygen	Laboratory	Field & Lab	Rugged Outdoor
Range	0.05 to 20.00 mg/L	0.05 to 20.00 mg/L	0.05 to 20.00 mg/L	Cond.: 0.01 µS/cm to 200 mS/cm TDS: 0 to 50,000 mg/L as NaCl Salinity: 0 to 42 g/kg or Resist.: 2.5 Ω cm to 49 MΩ cm	Cond.: 0.01 µS/cm to 200 mS/cm TDS: 0 to 50,000 mg/L as NaCl Salinity: 0 to 42 g/kg or Resist.: 2.5 Ω cm to 49 MΩ cm
Accuracy	±0.1 from 0 to 8 mg/L ±0.2 for greater than 8 mg/L	±0.1 from 0 to 8 mg/L ±0.2 for greater than 8 mg/L	±0.05 from 0 to 10 mg/L ±0.1 for greater than 10 mg/L	Cond: ±0.5% of range TDS: ±0.5% ±1 digit Salinity: ±0.1, ±1 digit	EC: 0.01 µS/cm (5 digits, maximum) TDS: 0.001, 0.01, 0.1 mg/L Salinity: 0.01 ppt
Temperature Range	0 to 50 °C	0 to 50 °C	0 to 50 °C	-10 to 110 °C	-10 to 110 °C
Dimensions (D x L)	0.59 in x 7.87 in (15 mm x 200 mm)	1.77 in x 9.84 in (45 mm x 250 mm)	0.62 in x 7.87 in (15.875 mm x 200 mm)	0.55 in x 7.87 in (14 mm x 200 mm)	1.77 in x 9.84 in (45 mm x 250 mm)
Sensor Type	Lumiphore	Lumiphore	Lumiphore	4-pole graphite, k = 0.40 cm <sup>-1</sup>	4-pole graphite, k = 0.40 cm <sup>-1</sup>
Material	Sensor Body: Polycarbonate / Abs	Sensor Body: Polycarbonate / Abs with Stainless Steel	Sensor Body: Polycarbonate / Abs	Sensor Body: Noryl	Sensor Body: Noryl with Stainless Steel
Prod. No.	LDO10101	LDO10105	LBOD10101	CDC40101	CDC40105



Specifications	pH Gel-Filled	pH Refillable	pH Refillable	pH Gel-Filled	pH Gel-Filled
Special Feature	Plastic body, general purpose	Plastic body, refillable, general purpose	Plastic body, LIS	Plastic body, wastewater	Low maintenance
Probe Type	Field & Lab	Field & Lab	Field & Lab	Field & Lab	Rugged Outdoor
Range	0 to 14 pH	0 to 14 pH	0 to 14 pH	2 to 14 pH	2 to 14 pH
Accuracy	±0.02 pH	±0.02 pH	±0.02 pH	±0.02 pH	±0.02 pH
Temperature Range	0 to 80 °C	0 to 50 °C	0 to 50 °C	0 to 50 °C	0 to 50 °C
Dimensions (D x L)	0.47 in x 7.87 in (12 mm x 200 mm)	0.47 in x 7.87 in (12 mm x 200 mm)	0.47 in x 7.87 in (12 mm x 200 mm)	0.47 in x 7.87 in (12 mm x 200 mm)	1.77 in x 9.84 in (45 mm x 250 mm)
Sensor Type	Glass	Glass	Glass	Glass	Glass
Reference Type	Ag/AgCl	Ag/AgCl	Ag/AgCl	Ag/AgCl	Ag/AgCl
Junction	Ceramic pin	Ceramic pin	Open	Open	Open
Material	Sensor Body: Epoxy	Sensor Body: Zeonor™	Sensor Body: Zeonor™	Sensor Body: Epoxy	Sensor Body: Zeonor™ with Stainless Steel
Filling Solution	Non-refillable gel	2841700	2965026	Non-refillable solid gel	Non-refillable solid gel
Prod. No.	PHC20101	PHC30101	PHC28101	PHC10101	PHC10105

*1 meter standard and 5 meter rugged probes described above. All standard probes available in 1 or 3 meter cable lengths. All rugged probes available in 5, 10, 15 or 30 meter cable lengths.  
\*Fits BOD bottle neck size > 15.875mm inside diameter*

# HQd IntelliCAL PROBES



<b>Specifications</b>	<b>pH Refillable</b>	<b>pH Red Rod Refillable</b>	<b>pH Red Rod Refillable</b>	<b>pH Red Rod Refillable</b>	<b>pH Red Rod Refillable</b>
Special Feature	Glass body, general purpose	Glass body, high-performance	Glass body, high-performance	Glass body, high-performance, wastewater	Glass body, high-performance, wastewater influent
Probe Type	Laboratory	Laboratory	Laboratory	Laboratory	Laboratory
Range	0 to 14 pH	0 to 14 pH	0 to 14 pH	0 to 14 pH	0 to 14 pH
Accuracy	±0.02 pH	±0.01 pH	±0.01 pH	±0.01 pH	±0.01 pH
Temperature Range	0 to 80 °C	-10 to 100°C	-10 to 100°C	-10 to 100°C	-10 to 100°C
Dimensions (D x L)	0.47 in x 7.87 in (12 mm x 200 mm)	0.47 in x 7.87 in (12 mm x 200 mm)	0.47 in x 7.87 in (12 mm x 200 mm)	0.47 in x 7.87 in (12 mm x 200 mm)	0.47 in x 7.87 in (12 mm x 200 mm)
Sensor Type	Glass	Glass	Glass	Glass	Glass
Reference Type	Ag/AgCl	Red Rod, Saturated KCLl	Red Rod, Saturated KCLl	Red Rod, Saturated KCLl	Red Rod, Saturated KCLl
Junction	Porous Pin	Porous Pin	Annular Ring	High-Flow Annular Ring	Sleeve
Material	Sensor Body: Glass	Sensor Body: Glass	Sensor Body: Glass	Sensor Body: Glass	Sensor Body: Glass
Filling Solution	2756559	25118026	25118026	25118026	25118026
Prod. No.	<b>PHC80501</b>	<b>PHC70501</b>	<b>PHC72501</b>	<b>PHC73501</b>	<b>PHC74501</b>



<b>Specifications</b>	<b>pH Red Rod Refillable</b>	<b>pH Red Rod Refillable</b>	<b>pH Refillable</b>	<b>pH Gel-Filled</b>
Special Feature	Glass body, high-performance, high alkalinity	Glass body, high-performance, flat surface	Glass body, micro-samples	Stainless steel body, piercing tip
Probe Type	Laboratory	Laboratory	Laboratory	Field & Lab
Range	0 to 14 pH	0 to 12 pH	0 to 14 pH	2 to 12 pH
Accuracy	±0.01 pH	±0.01 pH	±0.02 pH	±0.02 pH
Temperature Range	-10 to 100°C	-10 to 100°C	0 to 80°C	0 to 60°C
Dimensions (D x L)	0.47 in x 7.87 in (12 mm x 200 mm)	0.47 in x 7.87 in (12 mm x 200 mm)	0.19 in x 9.72 in (5 mm x 247 mm)	0.24 in x 7.17 in (6 mm x 182 mm)
Sensor Type	Glass	Glass	Glass	Glass
Reference Type	Red Rod, Saturated KCLl	Red Rod, Saturated KCLl	Ag/AgCl	Ag/AgCl
Junction	Porous Pin	Annular Ring	Porous Pin	Porous Pin + Open
Material	Sensor Body: Glass	Sensor Body: Glass	Sensor Body: Glass	Sensor Body: SS w/ Glass Tip
Filling Solution	25118026	25118026	2841700	—
Prod. No.	<b>PHC705A01</b>	<b>PHC72901</b>	<b>PHC30701</b>	<b>PHC10801</b>



## HQd IntelliCAL PROBES



<b>Specifications</b>	<b>ORP/Redox Gel-Filled</b>	<b>ORP/Redox Refillable</b>	<b>ORP/Redox Refillable</b>	<b>Ammonia Combination ISE</b>	<b>Ammonium Combination ISE</b>
Special Feature	Flat disc sensor for easy cleaning. Low maintenance.	Flat disc sensor for easy cleaning.	Flat disc sensor for easy cleaning.	Easy-to-replace membrane modules.	Dry storage & fast response time. No replacement membranes.
Probe Type	Field & Lab	Field & Lab	Rugged Outdoor	Laboratory Combination ISE	Laboratory Combination ISE
Range	± 1200 mV	± 1200 mV	± 1200 mV	0.01 mg/L (5x10 <sup>-7</sup> M) to 14,000 mg/L (1 M) NH <sub>3</sub> -N	0.018 mg/L (10 <sup>-6</sup> M) to 9,000 mg/L (0.5 M) NH <sub>4</sub> <sup>+</sup> -N
Accuracy	±0.02mV or 0.05%, whichever is greater	±0.02mV or 0.05%, whichever is greater	±0.02mV or 0.05%, whichever is greater	±0.02mV or 0.05%, whichever is greater	±0.02mV or 0.05%, whichever is greater
Temperature Range	0 to 80 °C	0 to 80 °C	0 to 80 °C	0 to 50 °C	0 to 50 °C
Dimensions (D x L)	0.47 in x 7.87 in (12 mm x 200 mm)	0.47 in x 7.87 in (12 mm x 200 mm)	1.77 in x 9.84 in (45 mm x 250 mm)	0.47 in x 8.66 in (12 mm x 220 mm)	0.47 in x 8.66 in (12 mm x 220 mm)
Sensor Type	Platinum disc	Platinum disc	Platinum disc	Gas sensing: glass w/ replaceable NH <sub>3</sub> sensitive membrane	Solid-state PVC membrane
Reference Type	Ag/AgCl	Ag/AgCl	Ag/AgCl	Ag/AgCl	Ag/AgCl
Junction	Open	Ceramic pin	Open	Porous PTFE Annular Ring	Porous PTFE Annular Ring
Material	Sensor Body: Epoxy	Sensor Body: Epoxy	Sensor Body: Zeonor™ with Stainless Steel	Sensor Body: Epoxy	Sensor Body: Epoxy
Filling Solution	Non-refillable gel	2841700	Non-refillable gel	4447226	Non-refillable driTEK gel
ISA Required	—	—	—	4447169	2980699
<b>Prod. No.</b>	<b>MTC10101</b>	<b>MTC30101</b>	<b>MTC10105</b>	<b>ISENH318101</b>	<b>ISENH418101</b>



<b>Specifications</b>	<b>Chloride Combination ISE</b>	<b>Fluoride Combination ISE</b>	<b>Nitrate Combination ISE</b>	<b>Sodium Combination ISE</b>
Special Feature	Dry storage & fast response time. No replacement membranes.	Dry storage & fast response time. No replacement membranes.	Dry storage & fast response time. No replacement membranes.	Fast response time
Probe Type	Laboratory Combination ISE	Laboratory Combination ISE	Laboratory Combination ISE	Laboratory Combination ISE
Ranges	0.1 mg/L (3x10 <sup>-6</sup> M) to 35,500 mg/L (1 M) Cl <sup>-</sup>	0.01 mg/L (5x10 <sup>-7</sup> M) to 19,000 mg/L (1 M) F <sup>-</sup>	0.1 mg/L (7x10 <sup>-6</sup> M) to 14,000 mg/L (1 M) NO <sub>3</sub> <sup>-</sup> -N	0.023 mg/L (1x10 <sup>-6</sup> M) to 23,000 mg/L (1 M) Na <sup>+</sup>
Accuracy	±0.02mV or 0.05%, whichever is greater	±0.02mV or 0.05%, whichever is greater	±0.02mV or 0.05%, whichever is greater	±0.02mV or 0.05%, whichever is greater
Temperature Range	5 to 50 °C	5 to 50 °C	0 or 50 °C	0 to 50 °C
Dimensions (D x L)	0.47 in x 8.66 in (12 mm x 220 mm)	0.47 in x 8.66 in (12 mm x 220 mm)	0.47 in x 8.66 in (12 mm x 220 mm)	0.47 in x 8.66 in (12 mm x 220 mm)
Sensor Type	Solid-state crystal membrane	Solid-state crystal membrane	Solid-state PVC membrane	Glass
Reference Type	Ag/AgCl	Ag/AgCl	Ag/AgCl	Ag/AgCl
Material	Sensor Body: Epoxy	Sensor Body: Epoxy	Sensor Body: Epoxy	Sensor Body: Zeonor™
Filling Solution	Non-refillable driTEK gel	Non-refillable driTEK gel	Non-refillable driTEK gel	2965126
ISA Required	2318069	258999	2984799	4451569
<b>Prod. No.</b>	<b>ISECL18101</b>	<b>ISEF12101</b>	<b>ISENO318101</b>	<b>ISENA38101</b>

1 meter standard and 5 meter rugged probes described above. All standard probes available in 1 or 3 meter cable lengths. All rugged probes available in 5, 10, 15 or 30 meter cable lengths.

## HQd & IntelliCAL PORTABLE KITS

- | Prod. No.      | Description  |
|----------------|--|
| <b>8505300</b> | <b>Rugged LDO/pH/Conductivity Field Kit</b><br>Includes: HQ40d portable meter, LDO101 rugged dissolved oxygen probe with 5-m cable, PHC101 rugged pH probe with 5-m cable, CDC401 rugged conductivity probe with 5-m cable, rugged field case, protective meter glove, PMP erlenmeyer flask (250 mL), sample containers (qty 4, 120 mL), wash bottle (500 mL), disposable wipes (qty 280), pH 4.01 buffer solution (singlets, pk/20), pH 7.00 buffer solution (singlets, pk/20), pH 10.01 buffer solution (singlets, pk/20), pH storage solution (50 mL), and NaCl conductivity standard (1000 µS/cm, 100 mL). |
| <b>8505400</b> | <b>Rugged LDO/pH Field Kit</b><br>Includes: HQ40d portable meter, LDO101 rugged dissolved oxygen probe with 5-m cable, PHC101 rugged pH probe with 5-m cable, rugged field case, protective meter glove, PMP erlenmeyer flask (250 mL), sample containers (qty 4, 120 mL), wash bottle (500 mL), disposable wipes (qty 280), pH 4.01 buffer solution (singlets, pk/20), pH 7.00 buffer solution (singlets, pk/20), pH 10.01 buffer solution (singlets, pk/20), and pH storage solution (50 mL).  |
| <b>8505200</b> | <b>Rugged LDO Field Kit (w/ HQ40d Meter)</b><br>Includes: HQ40d portable meter, LDO101 rugged dissolved oxygen probe with 5-m cable, rugged field case, protective meter glove, PMP erlenmeyer flask (250 mL), sample containers (qty 4, 120 mL), wash bottle (500 mL), and disposable wipes (qty 280).  |
| <b>8506000</b> | <b>Portable LDO/pH/Conductivity Kit</b><br>Includes: HQ40d portable meter, LDO101 optical dissolved oxygen probe with 1-m cable, PHC301 pH probe with 1-m cable, CDC401 conductivity probe with 1-m cable, probe stand, meter stand, disposable BOD bottle, BOD bottle stoppers, pH 4.01 buffer solution (red, 500 mL), pH 7.00 buffer solution (yellow, 500 mL), pH 10.01 buffer solution (blue, 500 mL), pH storage solution (500 mL), and NaCl conductivity standard (1000 µS/cm, 100 mL).  |
| <b>8505800</b> | <b>Portable pH/Conductivity Kit</b><br>Includes: HQ40d portable meter, LDO101 optical dissolved oxygen probe with 1-m cable, PHC301 pH probe with 1-m cable, CDC401 conductivity probe with 1-m cable, probe stand, meter stand, disposable BOD bottle, BOD bottle stoppers, pH 4.01 buffer solution (red, 500 mL), pH 7.00 buffer solution (yellow, 500 mL), pH 10.01 buffer solution (blue, 500 mL), pH storage solution (500 mL), and NaCl conductivity standard (1000 µS/cm, 100 mL).  |
| <b>8505100</b> | <b>Rugged LDO Field Kit (w/ HQ30d Meter)</b><br>Includes: HQ30d portable meter, LDO101 rugged dissolved oxygen probe with 5-m cable, rugged field case, protective meter glove, PMP erlenmeyer flask (250 mL), sample containers (qty 4, 120 mL), wash bottle (500 mL), and disposable wipes (qty 280).  |



Rugged LDO/pH/Conductivity Field Kit, Prod. No. 8505300

## HQd & IntelliCAL BENCHTOP KITS

- | Prod. No.      | Description  |
|----------------|--|
| <b>8508700</b> | <b>Lab LDO/pH/Conductivity Kit</b><br>Includes: HQ440d benchtop meter, PHC281 LIS pH Ultra probe with 1-m cable, CDC401 conductivity probe with 1-m cable, LDO101 optical DO probe with 1-m cable, probe stand, 300-mL disposable BOD bottle, BOD bottle stoppers, pH 4.01 buffer (red, 500 mL), pH 7.00 buffer (yellow, 500 mL), pH 10.01 buffer (blue, 500 mL), pH storage solution (500 mL), and NaCl conductivity standard (1000 µS/cm, 100 mL). |
| <b>8510200</b> | <b>Lab pH/Conductivity Kit</b><br>Includes: HQ440d benchtop meter, PHC281 pH Ultra electrode with 1-m cable, CDC401 conductivity probe with 1-m cable, probe stand, pH 4.01 buffer (red, 500 mL), pH 7.00 buffer (yellow, 500 mL), pH 10.01 buffer (blue, 500 mL), pH storage solution (500 mL), and NaCl conductivity standard (1000 µS/cm, 100 mL).  |
| <b>8508600</b> | <b>Lab pH Ultra Kit</b><br>Includes: HQ440d benchtop meter, PHC281 pH Ultra probe with 1 m cable, probe stand, pH 4.01 buffer (red, 500 mL), pH 7.00 buffer (yellow, 500 mL), pH 10.01 buffer (blue, 500 mL), and pH storage solution (500 mL).  |
| <b>8508500</b> | <b>Lab LBOD Kit</b><br>Includes: HQ440d benchtop meter, LBOD101 BOD probe, 117 disposable BOD bottles, bottle stoppers (qty 25), and snap-over bottle caps (qty 24).   |
| <b>8507600</b> | <b>Ammonia ISE Measurement Kit</b><br>Includes: HQ440d benchtop meter, ISENH3181 ammonia electrode with 1-m cable, probe stand, ammonia nitrogen standard (1 mg/L, 500 mL) ammonia nitrogen standard (10 mg/L, 500 mL), ammonia nitrogen standard (100 mg/L, 500 mL), ammonia ionic strength adjustor powder pillows (qty 100), and ammonia electrode storage solution (500 mL).   |
| <b>8508000</b> | <b>Fluoride ISE Measurement Kit</b><br>Includes: HQ440d benchtop meter, ISEF121 fluoride electrode with 1-m cable, probe stand, fluoride standard (0.5 mg/L, 500 mL), fluoride standard (1.0 mg/L, 500 mL), fluoride standard (10 mg/L, 500 mL), and ionic strength adjustor powder pillows (qty 100).   |



Lab LDO/pH/Conductivity Kit, Prod. No. 8508700

## HQd Accessories

- WM-BOD MGR** Hach BOD Manager™ Software automates data entry and calculations from the HQd Meter and LBOD probe, providing improved productivity and data integrity for BOD testing. This stand-alone version includes: single computer license with a 2 gigabyte database, tracking up to 300 samples, HQd meter interface, one year of support and software updates, one hour of live web-based training, and training video.
- HQDBODMGR** Hach BOD Manager software in a complete kit with HQ440d benchtop meter and LBOD probe.
- 5838000** Replacement LBOD Sensor Cap; includes iButton® and sensor cap
- 5850800** Replacement Stirrer Assembly for IntelliCAL LBOD Probe
- 5811200** Replacement LDO Sensor Cap; includes iButton® and sensor cap
- 5812711** Replacement Membrane (pack of 3) for IntelliCAL Ammonia Probe
- 5828610** Probe Cable Depth Markers; 5/pkg. (for rugged probes only)
- 5818400** Color Coded Probe Clips; includes ten clips of five different colors
- 5825900** Replacement Polymer Shroud Kit for Rugged Probes; includes protective bell and locking ring
- 8508850** Universal Probe Stand for Standard IntelliCAL Probes
- 4754900** Meter Stand for portable HQd meters
- 5828700** Protective Glove for Meter
- 9345200** Field Meter Protective Caps (for use with Protective Glove)
- 5829400** Probe Holder for portable HQd meter (standard probes only)
- 5825800** Field Kit; includes hard-sided carrying case, protective glove, and 5 120 mL sample cups
- 5826300** USB and A/C Power Adapter Kit; adapter is not waterproof (Included with HQ40d models)
- 5854000** HQd Software Upgrade Kit
- LZV582** USB Keyboard
- 2960100** USB Printer; Citizen PD-24 Handy Printer, 120-220 Vac
- 5836000** Printer Paper for PD-24, Thermal 5/pk

*iButton® is a trademark of Maxim Integrated Products.*



## HACH COMPANY World Headquarters: Loveland, Colorado USA

United States: 800-227-4224 tel 970-669-2932 fax orders@hach.com  
 Outside United States: 970-669-3050 tel 970-461-3939 fax int@hach.com  
[hach.com](http://hach.com)

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 Hach Company reserves the right to alter specifications to equipment at any time.



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