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.

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.

| Parameter | HQ11d DEDICATED pH/mV PORTABLE METER | HQ14d DEDICATED CONDUCTIVITY PORTABLE METER | HQ30d SINGLE INPUT MULTI-PARAMETER PORTABLE METER | HQ40d DUAL INPUT MULTI-PARAMETER PORTABLE METER |
|--|---|---|--|--|
| 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 | | | | |

| Specifications | HQ11d DEDICATED pH/mV PORTABLE METER | HQ14d DEDICATED CONDUCTIVITY PORTABLE METER | HQ30d SINGLE INPUT MULTI-PARAMETER PORTABLE METER | HQ40d DUAL INPUT MULTI-PARAMETER PORTABLE METER |
|---------------------------|--|---|--|--|
| 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 |
| Prod. No. | HQ11D53000000 | HQ14D53000000 | HQ30D53000000 | HQ40D53000000 |

^{*}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.

| Parameter | HQ411d DEDICATED pH/mV BENCHTOP METER | HQ430d SINGLE INPUT MULTI-PARAMETER BENCHTOP METER | HQ440d DUAL INPUT MULTI-PARAMETER BENCHTOP METER |
|--|--|---|---|
| Temperature | • | • | • |
| pH Glass Non-glass (ISFET) | 100 | • | • |
| mV | | | |
| Conductivity | | • | • |
| TDS | | | |
| Salinity | | • | • |
| Resistivity | | • | • |
| Dissolved Oxygen Luminescent (LDO) BOD Sensor (with LDO) | | : | : |
| ORP/Redox | • | • | • |
| Ion Selective Electrodes Ammonia Ammonium Chloride Fluoride Nitrate Sodium | | | |

| | HQ411d | HQ430d | HQ440d |
|---------------------------|---------------------------------------|---------------------------------------|---------------------------------------|
| | DEDICATED | SINGLE INPUT | DUAL INPUT |
| | pH/mV | MULTI-PARAMETER | MULTI-PARAMETER |
| Specifications | BENCHTOP METER | BENCHTOP METER | BENCHTOP METER |
| 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 |
| Prod. No. | HQ411D | HQ430D | HQ440D |

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

HQd IntelliCAL PROBES











| | DO Luminescent | DO Luminescent | BOD Luminescent | | |
|--------------------|--|---|--|---|--|
| Specifications | Dissolved Oxygen | Dissolved Oxygen | 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 | .05 to 20.00 mg/L | 0.05 to 20.00 mg/L | 0.05 to 20.00 mg/L | Cond.: $0.01~\mu S/cm$ to 200 mS/cm TDS: 0 to $50,000~mg/L$ as NaCl Salinity: 0 to $42~g/kg$ or Resist.: $2.5~\Omega$ cm to $49~M\Omega$ 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 ±0.1 for greater than 10 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 ⁻¹ | 4-pole graphite, k = 0.40 cm ⁻¹ |
| 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 |











| | рН | рН | pН | рН | рН |
|--------------------|--------------------|---------------------------|-------------------|--------------------------|--------------------------|
| Specifications | Gel-Filled | Refillable | Refillable | Gel-Filled | Gel-Filled |
| Special Feature | Plastic body, | Plastic body, refillable, | Plastic body, | Plastic body, | Low maintenance |
| | general purpose | general purpose | LIS | wastewater | |
| 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 | 0.47 in x 7.87 in | 0.47 in x 7.87 in | 0.47 in x 7.87 in | 1.77 in x 9.84 in |
| | (12 mm x 200 mm) | (12 mm x 200 mm) | (12 mm x 200 mm) | (12 mm x 200 mm) | (45 mm x 250 mm) |
| Sensor Type | Glass | Glass | Glass | Glass | Glass |
| Reference Type | Ag/AgCI | Ag/AgCl | Ag/AgCl | Ag/AgCl | Ag/AgCI |
| Junction | Ceramic pin | Ceramic pin | Open | Open | Open |
| Material | Sensor Body: | Sensor Body: | Sensor Body: | Sensor Body: | Sensor Body: Zeonor™ |
| | Epoxy | Zeonor™ | Zeonor™ | Epoxy | 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 |

HQd IntelliCAL PROBES



| | pН | рН | рН | рН | рН |
|--------------------|-------------------|-------------------------|-------------------------|-------------------------|-------------------------------|
| Specifications | Refillable | Red Rod Refillable | Red Rod Refillable | Red Rod Refillable | Red Rod Refillable |
| Special Feature | Glass body, | Glass body, | Glass body, | Glass body, high- | Glass body, high-performance, |
| | general purpose | high-performance | high-performance | performance, wastewater | wastewater influent |
| Probe Type | Laboratory | Laboratory | Laboratory | Laboratory | Laboratory |
| Range | 0 to 14 pH | 1 to 14 pH | 2 to 14 pH | 3 to 14 pH | 4 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 | 0.47 in x 7.87 in | 0.47 in x 7.87 in | 0.47 in x 7.87 in | 0.47 in x 7.87 in |
| | (12 mm x 200 mm) | (12 mm x 200 mm) | (12 mm x 200 mm) | (12 mm x 200 mm) | (12 mm x 200 mm) |
| Sensor Type | Glass | Glass | Glass | Glass | Glass |
| Reference Type | Ag/AgCI | Red Rod, Saturated KCLI |
| Junction | Porous Pin | Porous Pin | Annular Ring | High-Flow Annular Ring | Sleeve |
| Material | Sensor Body: | Sensor Body: | Sensor Body: | Sensor Body: | Sensor Body: |
| | Glass | Glass | Glass | Glass | Glass |
| Filling Solution | 2756559 | 25118026 | 25118026 | 25118026 | 25118026 |
| Prod. No. | PHC80501 | PHC70501 | PHC72501 | PHC73501 | PHC74501 |



| | pН | pН | рН | рН |
|--------------------|-------------------------------|-------------------------------|-------------------|-----------------------|
| Specifications | Red Rod Refillable | Red Rod Refillable | Refillable | Gel-Filled |
| Special Feature | Glass body, high-performance, | Glass body, high-performance, | Glass body, | Stainless steel body, |
| | high alkalinity | flat surface | micro-samples | piercing tip |
| Probe Type | Laboratory | Laboratory | Laboratory | Field & Lab |
| Range | 5 to 14 pH | 6 to 14 pH | 7 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 | 0.47 in x 7.87 in | 0.19 in x 9.72 in | 0.24 in x 7.17 in |
| | (12 mm x 200 mm) | (12 mm x 200 mm) | (5 mm x 247 mm) | (6 mm x 182 mm) |
| Sensor Type | Glass | Glass | Glass | Glass |
| Reference Type | Red Rod, Saturated KCLI | Red Rod, Saturated KCLI | Ag/AgCl | Ag/AgCI |
| Junction | Porous Pin | Annular Ring | Porous Pin | Porous Pin + Open |
| Material | Sensor Body: | Sensor Body: | Sensor Body: | Sensor Body: |
| | Glass | Glass | Glass | SS w/ Glass Tip |
| Filling Solution | 25118026 | 25118026 | 2841700 | _ |
| Prod. No. | PHC705A01 | PHC72901 | PHC30701 | PHC10801 |

HQd IntelliCAL PROBES











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









| 0 | Chloride | Fluoride | Nitrate | Sodium |
|--------------------|-----------------------------------|-------------------------------------|-------------------------------------|--------------------------------------|
| Specifications | Combination ISE | Combination ISE | Combination ISE | Combination ISE |
| Special Feature | Dry storage & fast response | Dry storage & fast response | Dry storage & fast response | Fast response time |
| | time. No replacement | time. No replacement | time. No replacement | |
| | membranes. | membranes. | membranes. | |
| Probe Type | Laboratory Combination ISE | Laboratory Combination ISE | Laboratory Combination ISE | Laboratory Combination ISE |
| Ranges | 0.1 mg/L (3x10-6 M) to | 0.01 mg/L (5x10 ⁻⁷ M) to | 0.1 mg/L (7x10 ⁻⁶ M) to | 0.023 mg/L (1x10 ⁻⁶ M) to |
| | 35,500 mg/L (1 M) Cl ⁻ | 19,000 mg/L (1 M) F ⁻ | 14,000 mg/L (1 M) NO ₃ N | 23,000 mg/L (1 M) Na+ |
| Accuracy | ±0.02mV or 0.05%, | ±0.02mV or 0.05%, | ±0.02mV or 0.05%, | ±0.02mV or 0.05%, |
| | whichever is greater | whichever is greater | whichever is greater | 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 | 0.47 in x 8.66 in | 0.47 in x 8.66 in | 0.47 in x 8.66 in |
| | (12 mm x 220 mm) | (12 mm x 220 mm) | (12 mm x 220 mm) | (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 |
| Prod. No. | ISECL18101 | ISEF12101 | ISENO318101 | ISENA38101 |

HQd & IntelliCAL PORTABLE KITS

Prod. No. Description

8505300

Rugged LDO/pH/Conductivity Field Kit

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).

8505400 Rugged LDO/pH Field Kit

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).

8505200 Rugged LDO Field Kit (w/ HQ40d Meter)

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).

8506000 Portable LDO/pH/Conductivity Kit

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 $\mu\text{S/cm},$ 100 mL).

8505800 Portable pH/Conductivity Kit

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).

8505100 Rugged LDO Field Kit (w/ HQ30d Meter)

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 8508700 Lab LDO/ph

Lab LDO/pH/Conductivity Kit

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).

8510200 Lab pH/Conductivity Kit

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 $\mu\text{S/cm}$, 100 mL).

8508600 Lab pH Ultra Kit

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).

8508500 Lab LBOD Kit

Includes: HQ440d benchtop meter, LBOD101 BOD probe, 117 disposable BOD bottles, bottle stoppers (qty 25), and snap-over bottle caps (qty 24).

8507600 Ammonia ISE Measurement Kit

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).

8508000 Fluoride ISE Measurement Kit

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 BOD Manager™ Software automates data entry and

calculations from the HQ40d Meter and LBOD probe, providing improved productivity and data integrity for BOD testing. This standalone 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.

HQ DBODMGR 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

 ${\it iButton}^{\it @}$ is a trademark of Maxim Integrated Products.





