



Complete Water and Product Quality Analysis

Wine Industry



Your Partner for Water Analysis in the Wine Industry

At Hach, we understand your water needs when it comes to ensuring the highest levels of product quality, consistency and safety. As your plant moves towards digitalization Hach has the right solution to provide digital data, remote monitoring and all managed within your software programs. Our aim is to support the shift towards automation, moving away from manual testing to improving your processes, removing costly errors, improving products, whilst minimizing product losses. Today's producers aspire to minimize waste and water reuse.

With these goals in mind, it is critical to use the correct instrumentation and chemistries that are designed to withstand the challenges in the beverage industry. Since 1947, Hach® beverage professionals design, manufacture, and distribute world class instrumentation, test kits, and chemistries across many beverage industry applications from start to finish across influent, production control, quality lab, and effluent treatment.

Water is key for the Wine Industry. Water analytics and purification ensures manufacturers are producing a consistently high-quality products while maximizing up time. Wineries need highly accurate analytical instruments with minimal maintenance requirements to keep the plant up and running.

We invite you to take a look at our comprehensive line of product and service solutions. As your plant is unique, there may be additional products that will work for your application. Please reach out to one of our local experts for a customized solution.

Hach offers:

- On-line process instrumentation and reagents
- Laboratory equipment, reagents, and supplies
- More EPA-approved methods than any other company
- Portable test kits and field instruments
- Automatic samplers and flow meters
- Local sales and service teams
- Service partnership programs and customized training

Whether your goal is to maintain permit compliance, prevent product loss, or optimize water treatment, Hach has expert answers and complete solutions to help you succeed.



SPECTROPHOTOMETERS

Scan the QR code or [CLICK HERE](#) to load this page on our webstore



DR1900 VIS Spectrophotometer

- Combines ruggedness and portability of field instrument with over 220 of most commonly tested water methods
- Ensure accuracy in the field with wavelength range of 340-800 nm.
- Carry more water methods wherever you need them most
- Water protection is IP67 (water proof)
- Wavelength resolution: 1 nm

| Description | Article number | What's included |
|------------------------------------|----------------|--|
| DR 1900 Portable Spectrophotometer | DR1900-01H | Instrument Manual, dust cover, 1-in. square matched glass sample cells, AA alkaline batteries 4/pk, and a four-type adapter set. |

DR3900 Benchtop Spectrophotometer

- Consistently accurate results in simple testing format
- Built in applications for over 240 test methods
- Reading mode: transmittance (%), absorbance and concentration
- Wavelength accuracy: ± 1.5 nm (wavelength range 370 - 1100 nm)
- Wavelength range: 320 - 1100 nm



| Description | Article number | What's included |
|---|-----------------|--|
| DR3900 Benchtop VIS Spectrophotometer with RFID* Technology | LPV440.99.00012 | Adapter A for 1 in. round and 1 cm square cells, matched pair of 1 in. square glass sample cells, light shield, dust cover, printed basic user manual and benchtop power supply with 115 and 230V power cords. |



DR6000™ UV VIS Spectrophotometer

- Your water testing needs, all in one spectrophotometer
- More than 250 kinds of built-in water quality parameters for test method application
- Time-saving automatic method detection and superior accuracy
- High-speed wavelength scanning across the UV and visible spectrum
- Wavelength accuracy: ± 1 nm in wavelength range 190 - 1100 nm

| Description | Article number | What's included |
|--|-----------------|--|
| DR6000 UV VIS Spectrophotometer with RFID Technology | LPV441.99.00012 | <ul style="list-style-type: none"> • 1x DR6000 UV VIS Spectrophotometer • 1x Power Cord (US, EU) • 1x Universal-Adapter • 1x Dust Cover • Matched pair of 1 inch glass sample cells • Printed multilingual basic user manual |

COLORIMETERS

Scan the QR code or [CLICK HERE](#) to load this page on our webstore



DR300 Colorimeter

- Single Parameter go-anywhere portable photometer
- Battery operation for a maximum of 5000 tests
- Waterproof instrument IP67 (even better than PCII)
- Larger, better display
- Data connectivity. Bluetooth to Claros
- Bluetooth connectivity currently available only in US, Canada and EU.

| Description | Article number | What's included |
|---|-----------------|--|
| DR300 Pocket Colorimeter, Chlorine, Free + Total, LR/HR, with Box | LPV445.97.00110 | Each DR300 Pocket Colorimeter comes as a ready-to-use kit in a sturdy custom carrying case (4660200), including batteries, sample cells (2427606), and a manual. Reagents have to be purchased separately. |

DR900 Multiparameter Handheld Colorimeter

- Fastest and simplest water testing for the most demanding field environments
- Satisfies your core testing needs
- Field ready in every way possible
- Waterproof, dustproof and field durable
- Ability to test up to 90 methods
- Intuitive user interface
- USB data transfer is available
- Wavelength range: 420 nm, 520 nm, 560 nm, 610 nm



| Description | Article number | What's included |
|---|----------------|---|
| DR900 Multiparameter Portable Colorimeter | 9385100 | DR900 instrument, USB cable with mini-USB connector, 4-AA alkaline batteries, 2 glass sample cells 1-inch (25 mm) round with 10, 20, 25-mL marks, 2 sample cells 1 cm/10 mL, sample cell adapter and multilingual user manual |

TNTplus Bar-Coded Chemistries

TNTplus vials use Dosiscaps (freeze-dried reagents integrated into a sealed cap that are easier to use than Powder Pillows or Liquid Reagents, without any risk of contamination.

- Error free and fast—instrument automatically detects and runs the correct method
- Easy, accurate recognition – colour-coded parameters and ranges
- Best results—10 measurements in one rotation, eliminating outliers; optically superior glassware



Full Range of TNTplus Products

| Prod. No. | Parameter | Range |
|-----------|--|--------------------------------------|
| TNT870 | Alkalinity, Total | 25 - 400 mg/L CaCO ₃ |
| TNT848 | Aluminium | 0.02 - 0.50 mg/L Al |
| TNT830 | Ammonia, Nitrogen | 0.015 - 2.00 mg/L NH ₃ -N |
| TNT831 | | 1 - 12 mg/L NH ₃ -N |
| TNT832 | | 2 - 47 mg/L NH ₃ -N |
| TNT833 | | 47 - 130 mg/L NH ₃ -N |
| TNT834 | | 100 - 1800 mg/L NH ₃ -N |
| TNT882KTO | Anammox Activity | 0 - 1000 mAbs |
| TNT817 | International Bitter Units | ≥2 International Bitter Units |
| TNT877 | Boron | 0.05 - 2.50 mg/L B |
| TNT852 | Cadmium | 0.02 - 0.30 mg/L Cd |
| TNT879 | Chloride | 1 - 70 mg/L Cl |
| | | 70 - 1000 mg/L Cl |
| TNT866 | Chlorine, Free | 0.05 - 2.00 mg/L Cl ₂ |
| TNT867 | Chlorine, Total | 0.05 - 2.00 mg/L Cl ₂ |
| TNT854 | Chromium, Hexavalent Chromium, Total | 0.03 - 1.00 mg/L Cr |
| TNT820 | COD (Chemical Oxygen Demand) | 1 - 60 mg/L COD |
| TNT821 | | 3 - 150 mg/L COD |
| TNT822 | | 20 - 1500 mg/L COD |
| TNT823 | | 250 - 15000 mg/L COD |
| TNT824 | | 5,000 - 60,000 mg/L COD |
| TNT815 | | 7 - 70 mg/L COD |
| TNT816 | COD (for samples up to 20000 mg/L Chloride) | 70 - 700 mg/L COD |
| TNT825 | Chemical Oxygen Demand (COD), Mercury-Free | 25 - 1000 mg/L COD |
| TNT860 | Copper | 0.1 - 8.0 mg/L Cu |
| TNT862 | Cyanide | 0.01 - 0.6 mg/L CN |
| TNT878 | Fluoride | 0.1 - 2.5 mg/L F |
| TNT871 | Formaldehyde | 0.5 - 10 mg/L H ₂ CO |
| TNT858 | Iron, Ferrous Iron, Total | 0.2 - 6.0 mg/L Fe |
| TNT850 | Lead | 0.1 - 2.0 mg/L Pb |
| TNT849 | Magnesium | 0.5 - 50 mg/L Mg |
| TNT856 | Nickel | 0.1 - 6.0 mg/L Ni |

| Prod. No. | Parameter | Range |
|-----------|--|--|
| TNT835 | Nitrate, Nitrogen | 0.23 - 13.50 mg/L NO ₃ -N |
| TNT836 | | 5 - 35 mg/L NO ₃ -N |
| TNT839 | Nitrite, Nitrogen | 0.015 - 0.600 mg/L NO ₂ -N |
| TNT840 | | 0.6 - 6.0 mg/L NO ₂ -N |
| TNT841 | | 2 - 90 mg/L NO ₂ -N |
| TNT880 | Nitrogen, Simplified Total Kjeldahl | 0 - 16 mg/L N |
| TNT826 | Nitrogen, Total Inorganic | 1 - 16 mg/L N |
| TNT827 | | 5 - 40 mg/L N |
| TNT828 | | 20 - 100 mg/L N |
| TNT868 | Phenols | 5 - 150 mg/L |
| TNT846 | Phosphorus, Reactive (Ortho) | 1.6 - 30 mg/L PO ₄ -P (5 - 90 mg/L PO ₄) |
| TNT843 | Phosphorus, Acid Hydrolyzable Phosphorus, Reactive (Ortho) Phosphorus, Total | 0.05 - 1.5 mg/L PO ₄ -P (0.15 - 4.5 mg/L PO ₄) |
| TNT844 | | 0.5 - 5.0 mg/L PO ₄ -P (1.5 - 15.0 mg/L PO ₄) |
| TNT845 | | 2 - 20 mg/L PO ₄ -P (6 - 60 mg/L PO ₄) |
| TNT864 | Sulfate | 40 - 150 mg/L SO ₄ |
| TNT865 | Sulfate | 150 - 900 mg/L SO ₄ |
| TNT861 | Sulfide | 0.1 - 2.0 mg/L S ²⁻ |
| TNT874 | Surfactants, Anionic | 0.1 - 4.0 mg/L |
| TNT885 | Surfactants, Cationic | 0.2 - 2 mg/L as CTAB |
| TNT875 | Surfactants, Nonionic | 0.2 - 6.0 mg/L as Triton x 100 |
| TNT876 | Surfactants, Nonionic | 6 - 200 mg/L as Triton X-100 |
| TNT810 | TOC (Total Organic Carbon) | 1.5 - 30.0 mg/L C |
| TNT811 | | 30 - 300 mg/L C |
| TNT819 | Vicinal diketones (VDK) | 0.015 - 0.5 mg/kg Diacetyl |
| TNT872 | Volatile Acids | 50 - 2,500 mg/L Acetic Acid |
| TNT869 | Water Hardness | 20 - 350 mg/L as CaCO ₃ |
| | | 5 - 100 mg/L Ca |
| | | 3 - 50 mg/L Mg |

TNTplus Features



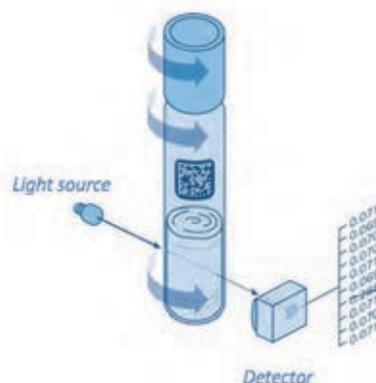
More Test Methods are Available on Our Website



Hach Methods quick reference guide

Download

As the cuvette rotates, any scratches, soil and flaws on the glass of the cuvette are detected and the measurements taken at these points are rejected



DRB200 DIGITAL REACTOR

Scan the QR code or
[CLICK HERE](#) to load this
page on our webstore



Various options available,
please go to our website



- Provides one-key operation that's unique and fast
- Block heats from 20 to 150°C in less than 10 minutes
- Fully insulated heater block with no skin contact
- Accommodates most test vials
- Select dual block model for simultaneous digestions
- Select single / dual block model for simultaneous digestions

Cooling rack for 10 cuvettes (Ø 16 mm), stainless steel

Stainless steel rack for holding hot COD vials or test tubes prior to reading. Fit Hach COD vials and Test 'N Tube vials. Vials not included.



TL23 SERIES BENCHTOP TURBIDIMETER

Scan the QR code or
[CLICK HERE](#) to load this
page on our webstore



The new TL23 Series laboratory turbidimeters blend trusted technology of the 2100N/AN and improved features to simplify testing in the most demanding industrial and wastewater applications.

What is the same?

The TL23 series uses the exact same optic block as the legacy 2100N/AN series turbidimeters. No need for additional validation or evaluation



What is new?

- Improved and intuitive design: large full color display with guided procedures for calibration and verification
- A smart device for more reliable measurements: the instrument detects sample stability prior to taking a reading
- Easy to use. Easy to be right: with a USB port for data export, sample identification for traceability and self-diagnosis for quality assurance



What is in the box:

TL2300 Turbidimeter. silicone oil, oiling cloth. USEPA filter assembly. 1-inch sample cells (30 mL) with caps (6x). Gelex secondary turbidity standardization kit. StablCal calibration kit. power supply. power cord. dust cover.

Article number: LPV444.99.00210

TL2300 Turbidimeter Accessories



Silicone oil,
15 mL SCDB
Product #: 126936

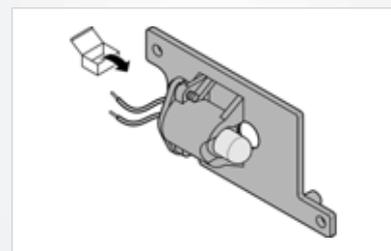


Lab Turbidimeter
Sample Cells - 6pk
Product #: 2084900



Stablcal Turbidity standards
calibration kit, 0 -400 NTU
Product #: 2662105-AU

TL2300 replacement lamp



Product #: 9659000

2100Q PORTABLE TURBIDIMETER

Scan the QR code or [CLICK HERE](#) to load this page on our webstore



Easiest calibration and verification with accurate results every time.

The Hach 2100Q and 2100Qis Portable Turbidimeters offer unsurpassed ease of use and accuracy in turbidity measurement. Only Hach offers this combination of advanced features including assisted calibration, simplified data transfer, and innovative measurement techniques that give you accurate results every time.

2100Q

2100Q Portable Turbidimeter (EPA), 0-1000 NTU

Easiest calibration and verification with accurate results every time.

- Easy on-screen assisted calibration and verification
- Simple data transfer
- Accurate for rapidly settling samples
- Convenient data logging
- Optical system for precision in the field

| Article number | What's included |
|----------------|--|
| 2100Q01-AU | Instrument, case assembly, 4 AA alkaline batteries, 6 sample cells, Stablcal ampule kit, silicone oil, oiling cloth, manual. |

2100Q USB

2100Q Portable Turbidimeter Kit (EPA), 0-1000 NTU, with USB and Power Module



The Hach 2100Q Portable Turbidimeter offers unsurpassed ease of use and accuracy in turbidity measurement. Only Hach offers this unique combination of advanced features and measurement innovation, giving you accurate results every time.

| Article number | What's included |
|----------------|---|
| 2100Q01USB | Includes 2100Q instrument kit (2100Q01) and USB+Power Module (LZV813.99.00002). |

2100Q reorder parts



Sample cells with caps for 2100 portable turbidimeters, 10 mL, 6 pcs
Product #: 2434706



Silicone oil, 15 mL SCDB
Product #: 126936



Stablcal Calibration kit, Formazin, for 2100Q/Qis Portable Turbidimeters
Product #: 2971205-AU



Replacement Lamp Assembly for 2100 Series Portable Turbidimeters
Product #: 4653900

HQ SERIES PORTABLE METERS

Scan the QR code or
[CLICK HERE](#) to load this
page on our webstore



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.

HQ Series Portable Meters

Now offering a complete water analysis portfolio of testing parameters with standard, rugged, and ultra options. The HQ Series gives maximum measurement flexibility and ease of operation with interchangeable probes and automatic parameter recognition.



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 |
|------------------------|--|----------------------------|--------------------------------|-------------------------------|--------------------------------|-----------------------------------|------------------------------------|------------------------------------|
| Data Memory | 5000 data points | | | 10,000 data points | | 100,000 data points | | |
| Display Type | 536x336 Mono-TFT | | | 536x336 Mono-TFT | | 640x480 Color TFT | | |
| Inputs | 1 | | | 1 | 2 | 1 | 2 | 3 |
| Weight (Meter only) | 519 g | | | 519 g | 541 g | 530 g | 550 g | 570 g |
| Warranty | EU: 2 years US and other geographies: 1 year | | | | | 3 years | | |
| Dimensions (H x W x D) | 63 mm x 97 mm x 220 mm | | | | | | | |
| Enclosure Rating | IP67 (with battery compartment installed) | | | | | | | |
| Data Storage | Automatic in Press to Read Mode and Interval Mode. Manual in Continuous Read Mode. | | | | | | | |
| Data Export | USB connection to PC or USB storage device (limited to the storage device capacity). | | | | | | | |
| Software available | | | | | | | | |
| Display | Up to 3 parameters at a time, dependent on HQ model | | | | | | | |
| Backlight | Yes | | | | | | | |
| Lock Function | Continuous / Auto-stabilization ("press to read") / At Interval | | | | | | | |
| Languages | 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 | | | | | | | |
| Certifications | CE, FCC, ISED, RCM, KC, ETL Verified: US DOE/ NRCan Energy Efficiency, RoHS | | | | | | | |
| GLP Features | Date; Time; Sample ID; Operator ID, Calibration | | | | | | | |
| Power Supply | 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) | | | | | | | |

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) | | | |
| 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 | HQ411d DEDICATED pH/mV BENCHTOP METER | HQ430d SINGLE INPUT MULTI-PARAMETER BENCHTOP METER | HQ440d DUAL INPUT MULTI-PARAMETER 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

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 ⁻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 |



| 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

IntelliCAL Probes



| Specifications | pH Refillable | pH Red Rod Refillable | pH Red Rod Refillable | pH Red Rod Refillable | pH Red Rod Refillable |
|-----------------------|------------------------------------|------------------------------------|------------------------------------|--|---|
| 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 |
| 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. | PHC80501 | PHC70501 | PHC72501 | PHC73501 | PHC74501 |



| Specifications | pH Red Rod Refillable | pH Red Rod Refillable | pH Refillable | pH Gel-Filled |
|-----------------------|---|--|-----------------------------------|------------------------------------|
| 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. | PHC705A01 | PHC72901 | PHC30701 | PHC10801 |

IntelliCAL Probes



| Specifications | ORP/Redox Gel-Filled | ORP/Redox Refillable | ORP/Redox Refillable |
|-----------------------|--|--|---|
| Special Feature | Flat disc sensor for easy cleaning. Low maintenance. | Flat disc sensor for easy cleaning. | Flat disc sensor for easy cleaning. |
| Probe Type | Field & Lab | Field & Lab | Rugged Outdoor |
| Range | ± 1200 mV | ± 1200 mV | ± 1200 mV |
| 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 |
| Temperature Range | 0 to 80 °C | 0 to 80 °C | 0 to 80 °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) |
| Sensor Type | Platinum disc | Platinum disc | Platinum disc |
| Reference Type | Ag/AgCl | Ag/AgCl | Ag/AgCl |
| Junction | Open | Ceramic pin | Open |
| Material | Sensor Body: Epoxy | Sensor Body: Epoxy | Sensor Body: Zeonor™ with Stainless Steel |
| Filling Solution | Non-refillable gel | 2841700 | Non-refillable gel |
| ISA Required | — | — | — |
| Prod. No. | MTC10101 | MTC30101 | MTC10105 |

Accessories

| Prod. No. | Description |
|------------------------|--|
| 8980000 | Power Supply, 5V, 2A, 100-240V, R Series |
| LEZ015.99.A005A | Wrist Strap & Dust Plugs & Caps, HQ Series |
| LEZ015.99.00002 | Cable, USB 2.0 A to Micro B, HQ Series |
| LEZ015.99.A001A | HQ Standard Probe Field Case |
| LEZ015.99.A002A | HQ Rugged Probe Field Case |
| LEZ015.99.A003A | HQ Kickstand and Handstrap |
| LEZ015.99.A004A | HQ Protective Glove |



STANDARD PH BUFFER AND CONDUCTIVITY SOLUTIONS

pH BUFFER SOLUTIONS

| Name | Description | Quantity | Art. no. |
|--|-------------|----------|----------|
| Certified Reference Materials (CRM) in accordance with DIN EN ISO 17034:2017 | | | |
| Supplied in airtight aluminium containers; guaranteed shelf life in unopened condition; with DKD* certificate; accuracy ± 0.010 pH (25°C). | | | |
| pH 1.679 | | 500 mL | S11M001 |
| pH 4.005 | | 500 mL | S11M002 |
| pH 6.865 | | 500 mL | S11M003 |
| pH 7.000 | | 500 mL | S11M004 |
| pH 7.413 | | 500 mL | S11M005 |
| pH 9.180 | | 500 mL | S11M006 |
| pH 10.012 | | 500 mL | S11M007 |
| pH 12.45 | | 500 mL | S11M008 |

High quality buffer solutions traceable to NIST standard reference materials

Ready to use; with and without colour-coding**

| | | | |
|----------|-----------------------------|--------|---------|
| pH 4.01 | Red | 500 mL | 2283449 |
| pH 7.00 | Yellow | 500 mL | 2283549 |
| pH 10.01 | Blue | 500 mL | 2283649 |
| pH 4.01 | Colorless | 500 mL | 1222349 |
| pH 7.00 | Colorless | 500 mL | 1222249 |
| pH 10.00 | Colorless | 500 mL | 1222149 |
| pH 1.09 | Technical grade, colourless | 500 mL | S11M009 |
| pH 4.65 | Technical grade, colourless | 500 mL | S11M010 |
| pH 9.23 | Technical grade, colourless | 500 mL | S11M011 |

Buffer powder pillows

Individually sealed, to prepare 50 mL buffer solution

| | | | |
|----------|--------|--------|---------|
| pH 4.01 | Red | 50/pk | 2226966 |
| | | 250/pk | 2226964 |
| pH 7.00 | Yellow | 50/pk | 2227066 |
| | | 250/pk | 2227064 |
| pH 10.00 | Blue | 50/pk | 2227066 |
| | | 250/pk | 2227164 |

SINGLET buffer solutions

In airtight, colour-coded, individual 25 mL pouches**

| | | | |
|----------------------|---------------|-----------|---------|
| pH 7.00 and pH 10.01 | Yellow + Blue | 2 x 10/pk | 2769820 |
| pH 4.01 and pH 7.00 | Red + Yellow | 2 x 10/pk | 2769920 |
| pH 4.01 | Red | 20/pk | 2770020 |
| pH 7.00 | Yellow | 20/pk | 2770120 |
| pH 10.01 | Blue | 20/pk | 2770220 |

CONDUCTIVITY STANDARD SOLUTIONS

| Name | Description | Quantity | Art. no. |
|--|------------------------------|----------|----------|
| Certified Reference Materials (CRM) in accordance with DIN EN ISO 17034:2017 | | | |
| Supplied in an airtight aluminium container; guaranteed shelf-life; with DKD* certificate. | | | |
| KCl 1 D | 111.3 mS/cm $\pm 0.5\%$ | 500 mL | S51M001 |
| KCl 0.1 D | 12.85 mS/cm $\pm 0.35\%$ | 500 mL | S51M002 |
| KCl 0.01 D | 1,408 μ S/cm $\pm 0.5\%$ | 500 mL | S51M003 |
| NaCl 0.05% | 1,015 μ S/cm $\pm 0.5\%$ | 500 mL | S51M004 |
| NaCl | 25 μ S/cm $\pm 0.5\%$ | 250 mL | S51M013 |

NaCl solutions traceable to NIST standard reference materials

| | | | |
|---------------------|----------------------------|--------|---------|
| 85.47 mg/L as NaCl | 180 ± 10 μ S/cm | 100 mL | 2307542 |
| 491 mg/L as NaCl | 1,000 ± 10 μ S/cm | 100 mL | 1440042 |
| 1,000 mg/L as NaCl | 1,990 ± 20 μ S/cm | 100 mL | 210542 |
| 10,246 mg/L as NaCl | 18,000 ± 50 μ S/cm | 100 mL | 2307442 |

Molar KCl solutions traceable to NIST standard reference materials

| | | | |
|-------------|------------------|--------|---------|
| KCl 0.1 M | 12.88 mS/cm | 500 mL | C20C250 |
| KCl 0.01 M | 1413 μ S/cm | 500 mL | C20C270 |
| KCl 0.001 M | 146.9 μ S/cm | 500 mL | C20C280 |



* DKD accredited production (Deutscher Kalibrierdienst) is a German accreditation body.

** Buffer traceable to NIST standard reference materials, accuracy ± 0.02 pH (25 °C).

TITRAMETRIC

AT1000 Automated Titrator

Automated titration for accurate and repeatable measurement, with complete traceability. Minimal reagent contact and eliminate sample preparation. Use for final QA lab test for total acidity in soft drinks. Beverage application packs available for key parameters such as Total Acidity, pH, and SO₂.

Automatic titration without all the complications

Titration can be easy. The TitraLab AT1000 from Hach uses pre-set functions that eliminate complex programming and provide accurate results.



Reliable Titration Results

Eliminates operator interpretation and manual processes with automatic titration to quickly deliver accurate and repeatable results.

Pre-programmed titration methods detect end points and eliminate manual calculations to make results easier to achieve without advanced programming.

Simple Setup and Titration

Application-specific functions to eliminate complex titration setup and analysis.

Hach's unique application kits make it quick for anyone to set up and operate a test.

AT1000 Series Titrator Models

| Titration Models | AT1102 | AT1112 | AT1122 | AT1222 |
|--------------------------------|--------|--------|--------|--------|
| Burette for Titrant | 1 | 1 | 1 | 2 |
| Integrated Peristaltic Pump | 0 | 1 | 2 | 2 |
| Maximum Number of Applications | 5 | 5 | 5 | 10 |

| Water Applications | | | | | |
|--------------------|---|---|---|---|---|
| AP0001.AT1102 | pH/Alkalinity in Water | ■ | ■ | ■ | ■ |
| AP0002.AT1102 | pH/Alkalinity & Conductivity in Water | ■ | ■ | ■ | ■ |
| AP0003.AT1112 | Ca & Mg Hardness (ISE) in Water | - | ■ | ■ | ■ |
| AP0004.AT1112 | Total Hardness (Color) in Water | - | ■ | ■ | ■ |
| AP0005.AT1222 | pH/Alkalinity & Hardness (ISE) in Water | - | - | - | ■ |
| AP0009.AT1112 | Chlorides in Water | - | ■ | ■ | ■ |

| Food and Beverage Applications | | | | | |
|--------------------------------|---|---|---|---|---|
| AP0008.AT1102 | pH, Total Acidity in Food & Beverage | ■ | ■ | ■ | ■ |
| AP0010.AT1112 | Salt in Food Products | - | ■ | ■ | ■ |
| AP0011.AT1222 | pH, Total Acidity & Chlorides in Food & Beverage | - | - | - | ■ |
| AP0012.AT1122 | Free & Total SO ₂ in Wine | - | - | ■ | ■ |
| AP0013.AT1222 | pH, Total Acidity, Free & Total SO ₂ in Wine | - | - | - | ■ |

TITRALAB AS1000 SERIES SAMPLE CHANGER

The AS1000 Sample Changer is the perfect laboratory assistant for automating analyses on sample series.



Titration automation of sample series can be easy. Titalab® AS1000 series sample changer is used in connection with AT1000 Series titrators and TM1000 Windows Software to automatically perform sample series analyses (TM1000 Software and connection cables are included in the standard delivery).



System setup illustration with AT1000 Series Titrator and AS1000 Sample Changer

Run sample analyses in total autonomy, without user intervention

The rotating module turns the tray to change the sample position while the lifting module moves sensors and tubes up and down into each sample. Single-radius sample trays for up to 30 samples.

Complete automation to free up your time

AS1000 Sample Changer multi-parameter automation solutions release operators' time from cumbersome repetitive analyses for more valuable tasks that cannot be automated.

Order Information

Sample Changer Models

| | |
|------------------------|--|
| AS1000.97.12150 | Titralab® AS1000 Series Sample Changer, 12 positions, 50 mL & 150 mL beakers, for two probes |
| AS1000.97.20090 | Titralab® AS1000 Series Sample Changer, 20 positions, 90 mL beakers, for one probe |
| AS1000.97.30050 | Titralab® AS1000 Series Sample Changer, 30 positions, 50 mL beakers, for one probe |

The scope of supply of each AS1000 Sample Changer **includes TM1000 PC Software** and connection cables.

Accessories and Spare Parts

| | | | |
|---------------|-------------------------------------|---------------|--|
| LZE108 | Set of beakers, 50 mL, PP (10 pcs) | LZE136 | Magnetic bars, 20 x 6 mm (10 pcs) |
| LZE109 | Set of beakers, 150 mL, PP (10 pcs) | LZE201 | Carousel, 20 positions, 90 mL beakers |
| LZE193 | Set of beakers, 50 mL, PP (30 pcs) | LZE202 | Carousel, 30 positions, 50 mL beakers |
| LZE194 | Set of beakers, 90 mL PP (20 pcs) | LZE203 | Carousel, 12 positions, 50 mL & 150 mL beakers |
| LZE217 | Magnetic bars, 12 x 4.5 mm (30 pcs) | LZE213 | Beaker ring adapter, 50 mL (12 pcs) |

OXYGEN

Scan the QR code or
[CLICK HERE](#) to load this
page on our webstore



Orbisphere 3100 Portable Oxygen Analyser

Accurate oxygen analysis allows the brewer to control the production process so the flavor stability of the wine can be ensured. The 3100 can be adapted to a piercer to measure dissolved oxygen in packages.

- Designed to withstand the harshest environments
- Rugged, reliable, and maintenance free
- Most stable sensor with the longest calibration interval



Beverage package sampler for carb liquids without suspended particles

Product # : 29972.A

CONTROLLER

SC4500 Controller

- Multi-channel controller operate either 1 or 2 sensors reducing inventory holding cost provides maximum versatility
- Password protected USB reader offers simple solution for data download and transfer
- One controller gives you numerous communication options.
- Technologies are advancing rapidly, providing new levels of convenience, accuracy and efficiency.



SC1000 Controller

SC1000 Multi-parameter Universal Controller Display and Probe Module

- Color touch-screen display
- Accepts 2-8 sensors or up to 2 Analyzers combination
- Additional relays and analog inputs and outputs can be added by networking a second probe module or optional DIN -rail communication modules
- Advanced and flexible communication options features additional
- The Hach SC1000 Display Module is available with GSM/GPRS, Ethernet, and TCP/IP capability

DISSOLVED OXYGEN

Hach LDO[®] Model 2, Optical Process Dissolved Oxygen Probe

Hach's next generation LDO (Luminescent Dissolved Oxygen) Probe requires no calibration for the entire 2 year life of the sensor cap, which means it is ready to start measuring your DO (Dissolved Oxygen) right out of the box. With an added cuttingedge 3D calibration procedure that is conducted prior to shipping, the probe will not drift and is more accurate than ever before.

Applications

- Wastewater
- Industrial Water
- Drinking Water



pH/ORP/CONDUCTIVITY

pH Encapsulated Sensor

- LCP (Liquid Crystal Polymer)
- Convertible Mounting Style
- 3 Meter Analog Cable
- 5-Wire with Built-In Pre-amplifier
- General Purpose Glass pH Electrode
- Gel Filled Standard



Differential pH • ORP sensor

Differential ORP Sensors

- Plug and Play Capability with Hach's Digital SC Controllers
- Uses three electrodes instead of the two normally used in conventional pH/ORP sensors.
- Encapsulated construction protects the sensor's built-in preamp from moisture and humidity



The result is unsurpassed measurement accuracy, reduced reference junction potential, and elimination of sensor ground loops. These sensors provide greater reliability, resulting in less downtime and maintenance.

Contacting Conductivity sensor

These enhanced performance sensors are manufactured to exacting tolerances using high quality, rugged materials for demanding applications including ultra-pure water, clean-in-place (CIP), and boiler/condensate monitoring.

Ultimate accuracy from ultra-pure to high conductivity applications.

- Fast response to changes in temperature with $\pm 0.1^\circ\text{C}$ accuracy
- Measure from theoretically pure water ($0.057\ \mu\text{S}/\text{cm}$ or $18.2\ \text{M}\Omega$) up to $200,000\ \mu\text{S}/\text{cm}$



Combination pH • ORP sensor

3/4" Combination pH Sensor, Convertible Sensor Style, Ryton Body Material, General Purpose pH Glass Electrode, Temperature Compensation - PT1000 Ohm RTD



- Double-junction design for extended service life, and a built-in solution ground.
- Body is molded from chemically-resistant Ryton® or PVDF, and the reference junction is coaxial porous PTFE
- All sensors are rated 0 to 105°C up to 100 psig,

Inductive Conductivity sensor

The Hach digital Inductive Conductivity Sensors measure 200 up to 2,000,000 microSiemens/cm. A built-in Pt 1000 RTD compensates the measured conductivity for changes in process temperature



The Hach Digital Inductive Conductivity Sensors measure 200 up to 2,000,000 $\mu\text{S}/\text{cm}$. A built-in Pt 1000 RTD compensates the measured conductivity for changes in process temperature.

- Wide measuring range
- Low maintenance design
- Versatile mounting styles
- Withstands harsh environments



TRADE WASTE ANALYSIS

AS950 Portable Samplers

- AS950 Portable Sampler is designed for accuracy and convenience
- Field convertible for compact or discrete sampling
- Quickly switch between composite and discrete sampling in the field.
- Configurable for single- or multiple-bottle applications
- Composite container, from 1 to 999 samples and Sample Volume Programmable in 10-mL (0.34 oz) Increments from 10 to 10,000 mL (3.38 oz to 2.6 gal)



AS950 All-Weather Refrigerated Samplers

- The large full color display and intuitive programming give you access to all your programmable criteria on a single screen
- Utilizes a USB drive to upload and download data and copy programs from one sampler to another
- Designed to endure humid and highly corrosive environments
- Programmable for sample volume in 10-mL increments from 10 to 10,000 mL

UV Treatment Swift Beverage

SwiftBeverage Series Advanced UV water treatment system featuring the industry's most advanced low pressure, high-output amalgam Lamp technology

MARKETS: Food and Beverage, Pharma & Dairy

APPLICATIONS: UV water treatment system for flow range: 106-832 (24-189) GPM (m³/hr)

- Cost Efficient, high-output amalgam lamps
- High reliability system with robust design and proven components
- Maximum installation flexibility
- Compact footprint
- Electrical efficiency and advanced controls



 Aquafine



Protect your investment and peace of mind

With Hach Service Plans, you have a global partner who understands your needs and cares about delivering timely, high-quality service you can trust. Our Technical Support, Field Service, and Central Service Teams work together with unique expertise to help you maximize instrument uptime, ensure data integrity, maintain operational stability, and reduce compliance risk. All at a fixed annual cost that eliminates unplanned expenses.

Hach Service 3-Point Protection

Elevate Performance

- Advanced Maintenance
- Remote Monitoring

Establish Performance

- Commissioning
- Calibration/Certification



Extend Performance

- Routine Maintenance
- Repair

ESTABLISH PERFORMANCE

Commissioning

After investing in a new system, it's important that you get off to a good start with data you can trust and confidence in your ability to properly operate and maintain the equipment. Our commissioning services assure that your new system is calibrated and delivering accurate data, and that you are trained to keep the system running smoothly between service visits.

Calibration/ Certification

We know how important instrument calibration and certification is in maintaining regulatory compliance. As part of every service we provide, we verify that the instrument is performing to our factory specifications and provide the documentation you need to minimize compliance risk.

EXTEND PERFORMANCE

Routine Maintenance

Every analytical instrument requires some level of routine maintenance to assure accuracy and minimize downtime. With a Hach Service Plan, we ease the burden by helping you manage your maintenance schedule according to the specific needs of each instrument. When you choose Hach, you can be confident that the highest quality parts are being used and the job gets done right.

Repair

We understand the impact to your process and your operations when your equipment goes down. You need a service partner who has the resources necessary to get you back up and running fast. With repair coverage through a Hach Service Plan, you get priority service from skilled professionals with the knowledge, tools, and parts readily available to restore your equipment to proper operation as quickly as possible.

ELEVATE PERFORMANCE

Advanced Maintenance

With ease of use and simpler routine maintenance comes behind-the-scenes complexity that requires special tools and skills that Hach Service is uniquely qualified to provide. Our advanced maintenance services, including in-depth systems diagnostics, detect and prevent potential issues that can degrade performance or reduce the life of the instrument.

Remote Monitoring

When you add remote monitoring services, we can help you get the most out of your investment. Our Specialists will help identify opportunities for optimization and maximize uptime by identifying potential issues before they result in unplanned maintenance events.

HACH SERVICE PLANS

At Hach we understand your facilities' problems are unique, and we have developed service plans that can help give you peace of mind about maintaining and supporting your Hach product. Whether it is a lack of resources, compliance concerns, or the need for predictable budgeting, we have plans to meet your unique needs.

| | | Self-Service Partnership | ProtectionPlus Plan | Bench Preventative Maintenance Partnership | Preventative Maintenance Partnership | Bench Service Partnership | BenchPlus Partnership | Field Service Partnership | WarrantyPlus Partnership |
|------------------------------|---------------------------|--------------------------|---------------------|--|--------------------------------------|---------------------------|-----------------------|---------------------------|--------------------------|
| ESTABLISH PERFORMANCE | Commissioning | | | | | | ✓ | | ✓ |
| | Calibration/Certification | | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| EXTEND PERFORMANCE | Routine Maintenance | | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| | Repair | | ✓ | | | ✓ | ✓ | ✓ | ✓ |
| ELEVATE PERFORMANCE | Advanced Maintenance | | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| | Remote Monitoring | | | | | | | ✓** | |
| PARTS INCLUDED | Maintenance Parts | ✓ | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| | Repair Parts | | ✓ | | | ✓ | ✓ | ✓ | ✓ |
| SERVICE LOCATION | On Site | | | | ✓ | | ✓* | ✓ | ✓ |
| | Hach Service Center | | ✓ | ✓ | | ✓ | ✓* | | |

* Maintenance performed on site. All repairs performed at the Hach Service Center.
 ** For RTC only.



Scan QR Code or
Click Here



CONVENIENT ONLINE SHOPPING

Register today to take advantage of
personalised shopping features



Shop your
favourite
items in a
few minutes



Convert
quotes into
orders in just
a few clicks



View your
order and
quote requests
at any time



Pay with
credit card or
upload your
Purchase Order



Track your
deliveries



Be Right™

Hach Australia

26 Brindley Street, Dandenong South, VIC 3175
1300 887 735
sales@hachpacific.com
au.hach.com



SCAN ME