New

Our Most Advanced Benchtop Meters

3 Models Available

Users can select between five different views on the 7-inch capacitive touch screen with multi-touch support. User accounts can be easily created and managed.

Basic View

Simple GLP View

Full GLP View

Graph View

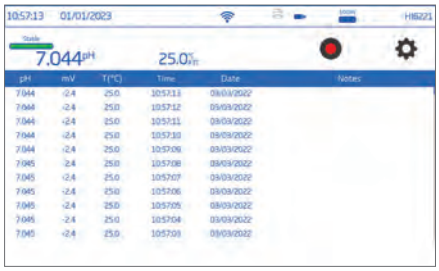


Table View

These systems respond to a complex range of measurement and monitoring requirements, providing accuracy, reproducibility, and reliability.

HI6221

Advanced pH/ORP Meter

pH/ORP and Temperature

HI6221 is Hanna's advanced benchtop pH meter with a large touch screen display and streamlined design.

Supplied complete to start taking measurements, the HI6221 includes Hanna's HI1131B refillable pH electrode and HI7662-TW stainless steel temperature probe.

- Measure pH/mV (pH) or mV/Rel.mV (ORP) with temperature

See page 2.8

HI6321

Advanced Conductivity Meter

Conductivity/Resistivity/TDS/Salinity/Temperature

HI6321 is a streamlined benchtop meter with a large touch screen display, comprised of a housing and an integrated conductivity measurement module.

Compact and easy to operate, the HI6321 includes Hanna's HI7631233 four-ring conductivity/resistivity/TDS/salinity probe.

- Measure µS/cm, mS/cm (Conductivity); Ω·cm, kΩ·cm, MΩ·cm (Resistivity); ppm, ppt (TDS); ppt, PSU, % (Salinity) with temperature

See page 5.6

HI6421 • HI6421P

Advanced Dissolved Oxygen Meters

with Optical and Polarographic Probe Compatibilty

HI6421 and HI6421P are streamlined benchtop meters with a large touch screen display, comprised of a housing and an integrated module designed for fresh and saltwater measurements of dissolved oxygen.

Compact and easy to operate, HI6421 includes the HI7641133 optical dissolved oxygen probe (opdo®). The probe is fitted with easy to use Smart Caps that contain pre-loaded calibration coefficients that are automatically transmitted to the probe.

HI6421P includes the HI764833 polarographic probe. The slim design allows for convenient measurement in test tubes and Biological Oxygen Demand (BOD) bottles.

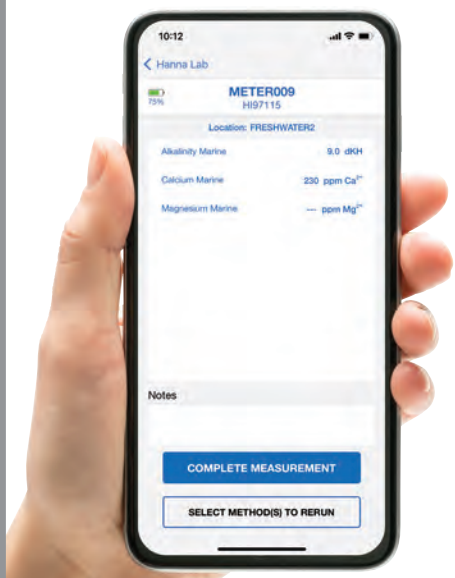
- Measure %Sat, mg/L, ppm (DO); mg/L, ppm (BOD); mg/L (OUR); ppm, mg/L (SOUR)

See page 6.4

New

Marine Line

IP67 waterproof | Bluetooth® | Hanna Lab App Compatible



HI97115

Marine Master Waterproof Wireless Multiparameter Photometer

Measure pH, Alkalinity, Ammonia, Calcium, Magnesium, Nitrate LR, Nitrate HR, Nitrite ULR, and Phosphate ULR

The HI97115 is a compact and versatile Marine multiparameter photometer designed to accurately determine pH, Alkalinity, Ammonia, Calcium, Magnesium, Nitrate, Nitrite, and Phosphate levels in aquariums and marine biology applications. The HI97115 is suitable for field and bench measurements.

The HI97115 can be used as a stand-alone photometer or can be connected to the Hanna Lab App with a compatible smart device via the integrated Bluetooth® module. When connected, Hanna Lab App functions include measurement with the ability to add notes, data logging with extended storage capacity, data sharing, and the ability to create and save method groups.

See page 10.88

Marine Line

HI981520

Marine Monitor

pH, Marine Salinity, and Temperature

Testing and monitoring salinity in saltwater aquariums is an ongoing task. The HI981520 is an easy to use vertical mount unit that continuously monitors and displays conductivity and pH. Seawater salinity is expressed in either parts per thousand (ppt), Practical Salinity Units (PSU), or Specific Gravity (S.G.).

A high/low alarm can be configured for each parameter and the results are displayed on a large, easy to read LCD.

See page 1.62

Updated

Marine Line

HI97105

Marine Master Waterproof Multiparameter Photometer

Measure pH, Alkalinity, Ammonia, Calcium, Magnesium, Nitrate LR, Nitrate HR, Nitrite ULR, and Phosphate ULR

The HI97105 is a compact and versatile Marine multiparameter photometer designed to accurately determine pH, Alkalinity, Ammonia, Calcium, Magnesium, Nitrate, Nitrite, and Phosphate levels in aquariums and marine biology applications. The HI97105 consolidates testing needs into one unit using the same reagents.

See page 10.92

New

HI520-0540

HI520

Dual-Channel Universal Process Controller

- Waterproof IP65 (NEMA 4X) enclosure
- Large backlit LCD
- Multi-color LED status indicators
- Audible alarm
- Tactile rubberized keypad
- Universal mounting
- Universal Hanna digital probe

HI520 is Hanna's first dual-input process controller that accepts virtually any combination of compatible probes. Designed to adapt to unique process control requirements, users have the option to enable or disable each channel independently.

The HI520 advanced process controller can be configured for applications requiring monitoring and/or control of four main water-analysis parameters: pH, ORP, Conductivity, and Dissolved Oxygen.

Additionally, this controller features digital probe inputs that automatically detects and updates the controller with the parameter that it measures.

See page 15.48

HI520-0320

Marine Line

HI98319

Low and High Range Salinity Tester

- Measure low (0.00 to 10.00 ppt) and high (0.0 to 70.0 ppt) range
- Salinity results are displayed in either parts per thousand (ppt), Practical Salinity Units (PSU), or Specific Gravity (SG)
- Waterproof
- Automatic temperature compensation (ATC)
- Dual pin graphite EC probe

The HI98319 is a compact, waterproof, pocket-sized marine Salinity tester designed for the measurement of salinity in salt water aquariums, aquaculture, brackish water, or other salt-water bodies.

Salinity results are displayed in either parts per thousand (ppt), Practical Salinity Units (PSU), or Specific Gravity (SG).

See page 1.37

GroLine®

HI98325

Low and High Range Salinity Tester

- Measure low (0.00 to 10.00 ppt) and high (0.0 to 70.0 ppt) range
- Salinity results are displayed in either parts per thousand (ppt), Practical Salinity Units (PSU), or Specific Gravity (SG) Waterproof
- Waterproof
- Automatic temperature compensation (ATC)
- Dual pin graphite EC probe

The HI98325 is a compact, waterproof, pocket-sized, salinity tester designed to measure salinity levels in irrigation water.

This tester is the ideal tool in agricultural areas where level salinity values are vital to crop management such as coffee farms, orange farms, watermelon farms, tea and rice farms. Additionally, the HI98325 is useful in other industries where low level salinity values are needed including printing, textiles, food and beverages as well as research and environmental protection institutes.

See page 1.38

DiST®9

HI98326

Low and High Range Salinity Tester

- Measure low (0.00 to 10.00 ppt) and high (0.0 to 70.0 ppt) range
- Salinity results are displayed in either parts per thousand (ppt), Practical Salinity Units (PSU), or Specific Gravity (SG)
- Waterproof
- Automatic temperature compensation (ATC)
- Dual pin graphite EC probe

The HI98326 (DiST 9) is a compact, waterproof, pocket-sized Salinity tester designed for the measurement of salinity in salt water aquariums, aquaculture, brackish water, or other salt-water bodies.

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New Marine Line Checker®HC's

Marine Line

HI783

Marine Magnesium

Handheld Colorimeter

The HI783 Marine Magnesium Checker®HC is a handheld colorimeter that uses the Beer-Lambert principle to determine the concentration of magnesium colorimetrically. The HI783 is designed specifically to measure magnesium levels in a saltwater aquarium or in marine biology applications. The 1000 to 1800 ppm range is ideal for coral/fish or fish-only aquarium maintenance.

See page 10.133

Marine Line

HI784

Marine Ammonia

Handheld Colorimeter

The HI784 Marine Ammonia Checker®HC is a handheld colorimeter that uses the Beer-Lambert principle to determine the concentration of ammonia colorimetrically. The HI784 is designed specifically to measure ammonia levels in a saltwater aquarium. The 0.00 to 2.50 ppm range is ideal for coral/fish or fish-only aquarium maintenance.

See page 10.124

HI9810452

HALO2

Hanna Lab App Compatible

The Hanna Lab App is available on the App Store® and on Google Play.

Wireless pH Tester for Meat

with built-in specialized electrode

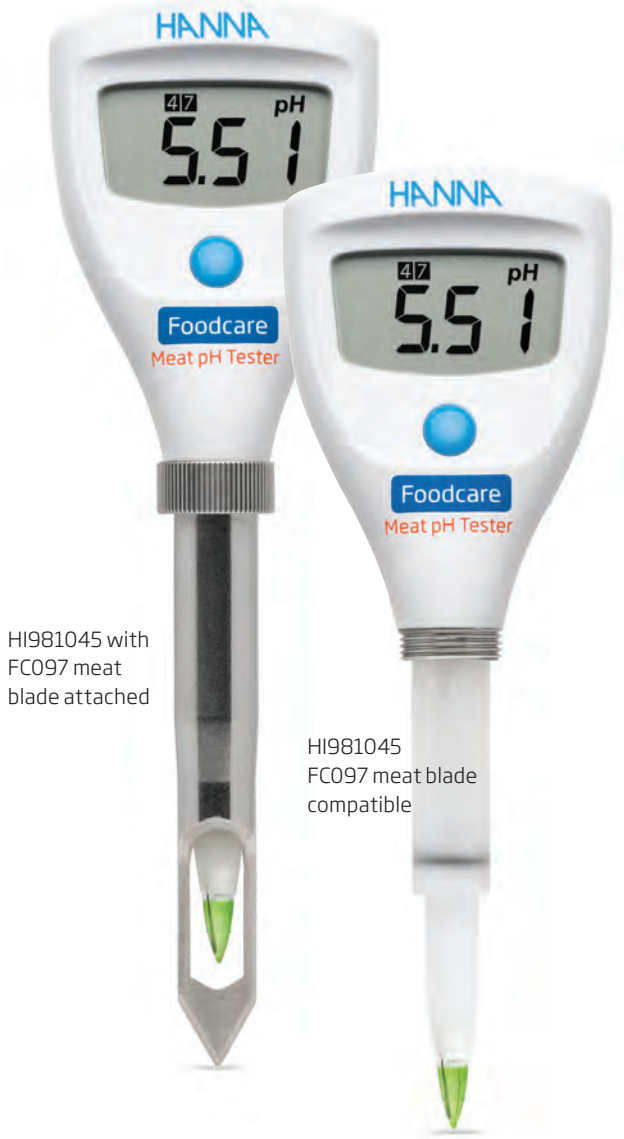
Accurate and easy to use, this HALO2 Wireless pH Tester for Meat is ideal for pH measurement during meat processing. This tester can be used as a stand-alone pH tester or can be connected to the Hanna Lab App.

HI9810452 features threads at the base of the probe for compatibilty with the FC097 stainless steel meat blade (optional accessory).

See page 2.54

HI9810452
FC097 meat blade compatible

HI9810452 with FC097 meat blade attached



HI981045 with FC097 meat blade attached

HI981045
FC097 meat blade compatible

Foodcare

HI981045

Meat pH Tester

with specialized probe

HI981045 Foodcare Meat pH tester is an application specific designed pH tester for the measurement of pH during meat processing. HI981045 features threads at the base of the probe for compatibilty with the FC097 stainless steel meat blade (optional accessory).

See page 1.28

New

New

Removable vial adapter

The vial adapter can be removed to accommodate CAL Check™ cuvettes for validation.

HI97106

Chemical Oxygen Demand Portable Photometer

Low, Medium, High, Ultra High Range

The HI97106 is a waterproof, portable photometer with an advanced optical system designed to accurately determine chemical oxygen demand (COD).

With the CAL Check™ functionality, users are able to validate instrument performance at any time. Hanna Instruments® CAL Check cuvettes are certified against NIST-traceable reference instrument(s).

The built-in tutorial mode guides users step-by-step through the measurement process. The tutorial mode includes all steps required for sample preparation, the required reagents and quantities.

See page 11.20

HI93754

COD Certified Standards and Reagents

- New packaging with procedure guide on the inside lid
- Compact packaging
  - Each set of COD vials is stored in fully recyclable, sustainable, compact plastic packaging rather than standard styrofoam. A smaller box allows you to store more on your shelf, and reduce waste when disposing of your packaging.

See page 11.22

HI96785-25

Cationic Surfactants

(13 mm vial)

13 mm vial designed for use in the HI801 iris® Spectrophotometer, HI83399 COD Meter and HI83314 COD Meter for wastewater analysis.

- 0.00 to 2.50 mg/L (as CTAB)
- Reagents for 25 tests

See page 10.19

HI96786-25

Iron

(13 mm vial)

13 mm vial designed for use in the HI801 iris Spectrophotometer, HI83399 COD Meter and HI83314 COD Meter for wastewater analysis.

- 0.00 to 6.00 mg/L (as Fe)
- Reagents for 25 tests

See page 10.17

New

Updated

EC and TDS Mini Controllers with 4-20 mA galvanic isolated output

- Models available with 4-20 mA galvanic isolated output with external dosing disable contact
- Large Clear LCD
- Fire Retardant Casing
- Splash-Resistant Cover

Starts on page 15.78

pH Electrode Protective Sleeves

The Hanna pH electrode protective sleeve helps to prevent accidental damage to the glass bulb from stirrers, accidentally dropping electrodes into a beaker/vessel, and general field use. Designed to be used with Hanna 12 mm DIA glass spherical and conical tip electrodes including the 12 mm electrodes on certain HALO®, HALO2 and HI9810XX models. This sleeve also works with 12 mm DIA half cells, reference electrodes and FC300B ISE.

See page 2.158

HI839800

COD Test Tube Heater

with 25 Vial Capacity

The HI839800 thermo-reactor is made of sturdy materials and has a vial capacity of up to 25 simultaneous digestions.

A built-in countdown timer of up to 180 minutes is included for applications that require timed digestions. When this feature is enabled, a beep is heard and the heating element turns off at the end of the set time period.

Additionally, the reactor is set up with 3 predefined temperature programs that can be selected at the press of a button:

- 105 °C for total nitrogen digestion
- 150 °C for COD and total phosphorous reactions
- 170 °C for rapid method digestion

See page 11.24

Updated