



HI2600 Series
Benchtop Meters
pH • EC • DO

Innovation simplified



Faster, more reliable everyday measurements,
with clear on-screen guidance at every step

Turn every measurement into a reliable result with a lab instrument designed for accuracy, speed, and ease of use. Advanced technology at the service of your daily analyses, without unnecessary complications.

A new generation built on proven success

HI2600 replaces the **HI2000** and **HI3000** series, consolidating two successful product lines into a single, modern entry-level family.

Enhanced measurements with digital smart probes

Digital signal processing ensures stable readings, stored calibration data, integrated temperature sensors, probe diagnostics, and complete traceability.

Maximum value at the lowest cost

HI2600 Series is designed for routine laboratory work, with advanced features usually associated with higher-level benchtop meters.

Designed for immediate and easy operation

Capacitive touch keypad, clear on-screen messages and simplified views guide the user through every operation.



Small Footprint

With dimensions of just 205 x 160 x 77 mm and a weight of only 850 g, these meters offer exceptional portability and seamlessly integrates into the most crowded laboratory workspaces.



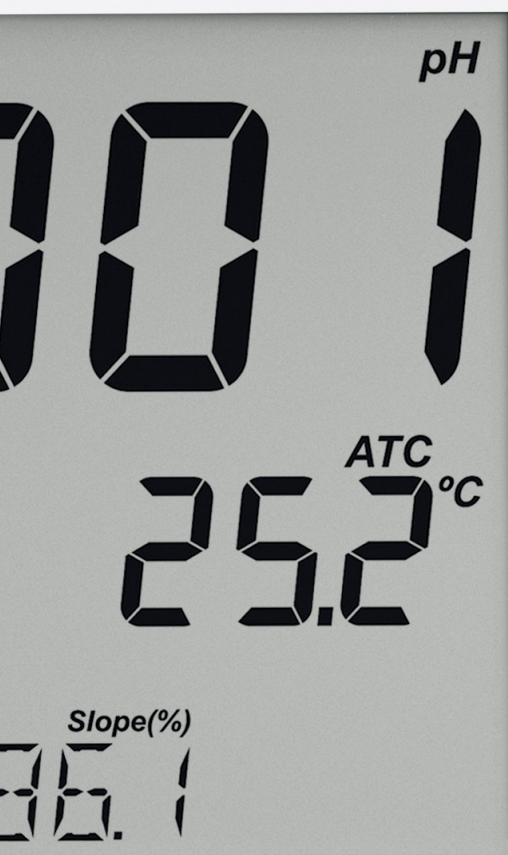
Ergonomic & intuitive

Designed for immediate and easy use

- + Modern, clean design
- + **Capacitive Touch Keypad** for accurate keystrokes for navigating menus and screens. Since they are part of the screen, the buttons can never get clogged with sample residue
- + **Information messages** to guide the user through procedures
- + **Large display**
 - can be viewed from 5 m
 - 130° wide viewing angle



HANNA



pH • EC • DO

CAL

RANGE

GLP
CFM

SETUP
CLR

RCL
MODIFY

7 models to cover all needs

Advanced features at a competitive cost

The **HI2600** series is designed for everyday laboratory work, with advanced features usually associated with higher-end benchtop measuring instruments.

HI2600 • pH, EC, and DO Benchtop Meter with datalogging

- Supplied with a digital pH probe, **expandable** with optional digital EC and DO probes
- Up to **5-point** pH calibration
- Powered by **rechargeable battery**



HI2620 • pH/ORP Benchtop Meter

- Our **most cost efficient** benchtop pH meter
- **Digital pH probe** with integrated temperature sensor
- **Basic views** for simple operation



HI2621 • pH/ORP Benchtop Meter with datalogging

- **Digital pH probe** with integrated temperature sensor
- Up to **5-point calibration**
- **USB-C connection** for data transfer to PC



HI2630 • EC/TDS Benchtop Meter

- Our **most cost efficient** benchtop EC meter
- Digital **4-rings EC probe** with automatic temperature compensation
- **Basic views** for simple operation



HI2631 • EC/TDS/Salinity Benchtop Meter with datalogging

- Digital **4-rings EC probe** with automatic temperature compensation
- Selectable **Standard and Basic views** for flexible operation
- **USB-C connection** for data transfer to PC



HI2640 • DO Benchtop Meter

- Our **most cost efficient** benchtop DO
- Utilizes **DO Digital Probe** with atmospheric pressure sensor
- **Basic views** for simple operation



HI2641 • DO Benchtop Meter with datalogging

- **DO Digital Probe** with atmospheric pressure sensor
- Selectable **Standard and Basic views** for flexible operation
- **USB-C connection** for data transfer to PC

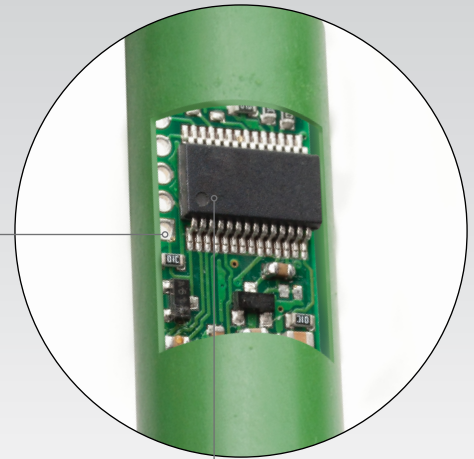
Improved measurements thanks to smart digital probes

Unique serial ID in every probe for traceability

Digital signal processing ensures stable readings, recorded calibration data, integrated temperature sensors, probe diagnostics, and complete traceability.

The digital probes designed for the **HI2600** series are equipped with an electronic chip and store the probe type, calibration data (standard solutions used, date, time, etc.), and serial number.

This information is automatically transferred to the instrument as soon as the probe is connected.



Reliable and stable digital signal

Digital signal processing by the probe to minimize interference and ensure reliable readings even in electrically noisy environments.

You can change electrodes without recalibrating

- Auto sensor recognition
- Data from the last calibration are stored in the electrode
- Instant compatibility across different meters
- Faster setup and less maintenance
- Stored calibration eliminates frequent recalibration when switching electrodes or instruments.

Predictive maintenance alerts

The electrode tracks its own health (slope, offset, calibration history). You know exactly when to clean, recalibrate, or replace it—before it fails.

Integrated temperature sensor

- Built-in temperature sensor automatically adjusts readings for temperature changes.
- No need to manage an additional temp probe.
- The temperature sensor is integrated within the electrode bulb, precisely where it is needed to ensure optimal temperature compensation.

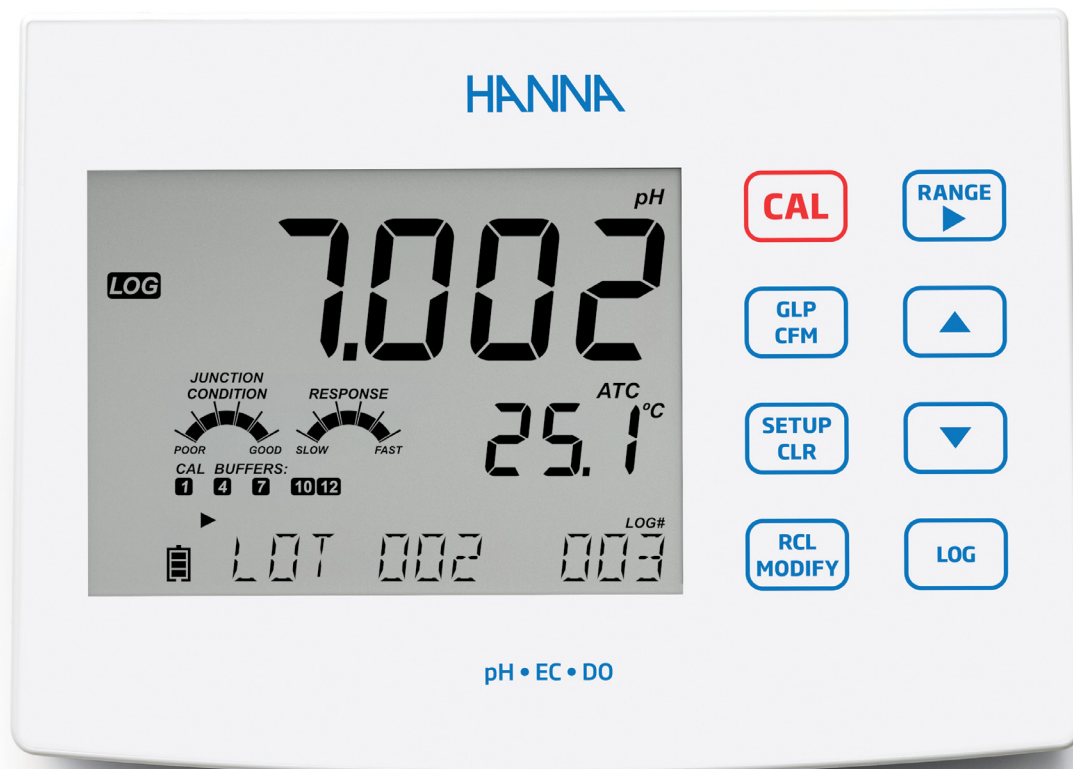


Better connection: 3.5 mm Mini-Jack

Modern 3.5 mm connectors are sealed against moisture and corrosion: more reliable than traditional BNC connectors.



Stay Secure



Accuracy

Multi-point calibration for optimum results

- + pH calibration up to 5 points with 7 stored standard buffers and 2 custom buffers
- + 0,001 pH resolution
- + Conductivity calibration up to 2 points with 6 stored standards

HI2600 automatically recognizes the closest buffer to the pH value being measured from all available (standard and custom) buffers in the buffer group.

Certification

The calibration certificate specifies the corrections to be applied to your measurement results, making them more accurate.

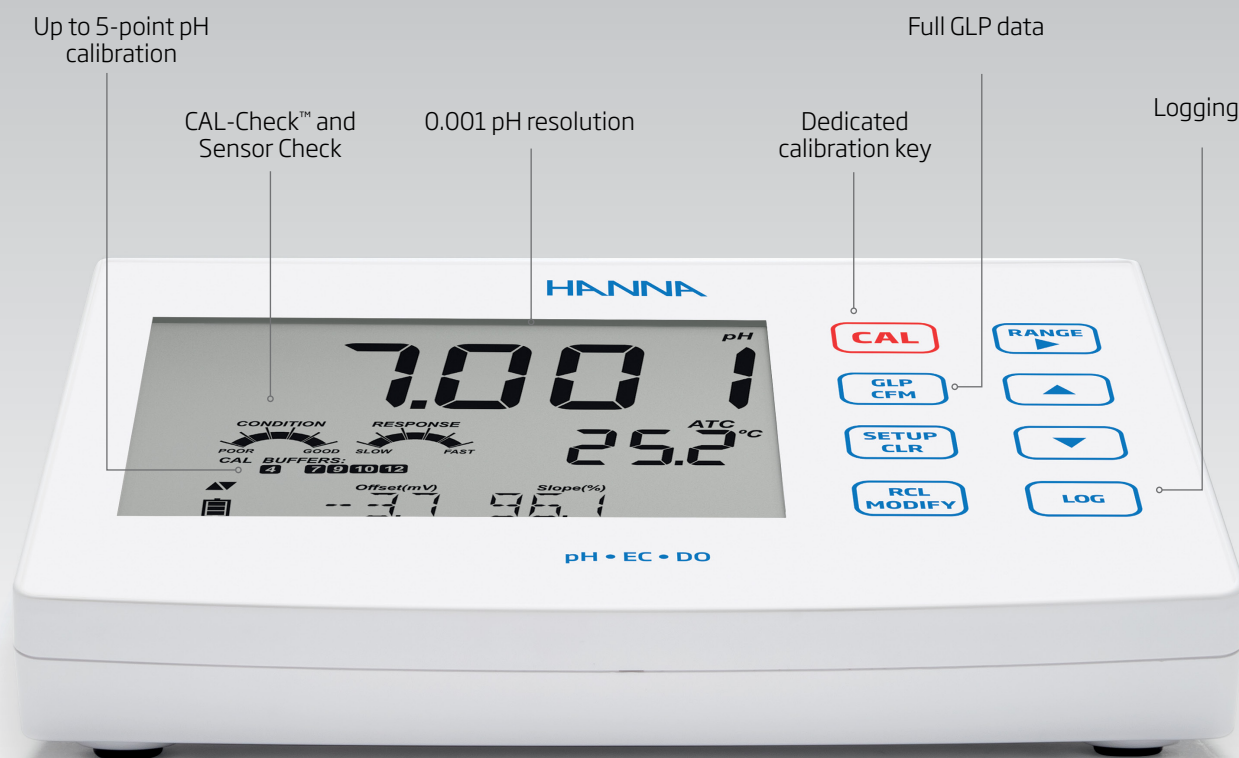
For organizations involved in quality management systems, standardization guidelines strongly recommend regular calibration and maintenance of measurement systems, validated by a calibration certificate which can be checked during an audit.

"Measuring equipment needs to be checked periodically. With Hanna Instruments calibration services, you can ensure the reliability and quality of your measuring equipment. You optimize their smooth operation and reduce your costs."

Support

Our technical team is here to help you

- + Phone support
- + Quick assistance
- + Advice on choosing the right electrodes for your application
- + Calibration services
- + Repairs on our premises



pH • EC • DO Benchtop Meter

HI2600

HI2600 enables fast, accurate measurements with digital probes.

HI2600 is available as a pH kit bundled with the **HI11310** pH digital electrode. Additional digital pH electrodes as well as digital probes to measure conductivity and dissolved oxygen are also available.

Each digital electrode / probe has a unique serial number and the parameter that is measured is automatically identified by the meter. Once connected, the sensor is ready to measure the parameter along with temperature.

The intuitive design simplifies setup, calibration, measurement, data logging and transfer of data to a USB thumb drive or computer.

The benchtop meter offers a Basic Mode that streamlines measurement configuration and is useful for routine applications as well as a full featured standard operating mode for those who require advanced features.

The compact meter (and probe) can be used as a portable device (using its rechargeable battery) or used as a laboratory instrument.

Features

- + Automatic parameter recognitions
- + Adjustable resolution for pH and EC measurements
- + Two modes of use
 - **Basic mode:** the essentials for quick and intuitive routine measurements
 - **Standard mode:** all features for total and precise control
- + Automatic temperature compensation
- + Reminder on screen when calibration period has expired
- + Dedicated **GLP** key
- + **Rechargeable battery** provides up to 8 hour battery life when used as a portable device
- + **Data logging**
 - On demand
 - On demand at the end point
 - Automatic
- + Simplified **data transfer** to a PC

Mesures

pH/ORP

- + Measurement units: pH, mV
- + **CAL-Check™** indicators (pH electrodes)
 - Electrode condition and cleanliness, electrode response time, and buffer solution quality
- + **Sensor Check™** indicators (with **HI11311**, **HI12301** digital pH electrodes only)
 - Damaged electrode
 - Clogged junction
- + **5-point calibration** with 7 stored standard buffers + 2 custom buffers

Conductivity

- + Measurement unit: Conductivity: $\mu\text{S}/\text{cm}$, mS/cm
TDS > ppm (mg/L), g/L
Salinity > NaCl, PSU, g/L

Dissolved oxygen

- + Measurement unit: ppm (mg/L), % sat.

Specifications		HI2600
pH (using HI11310 pH electrode)	Range	-2.00 to 16.00 pH; -2.000 to 16.000 pH *
	Resolution	0.01 pH; 0.001 pH *
	Accuracy (@25°C/77°F)	±0.01 pH; ±0.002 pH *
	Calibration	Automatic, up to three (five*) points Option to select from five (seven*) standard buffers: pH 1.68*, 4.01 or 3.00, 6.86, 7.01, 9.18, 10.01, 12.45* and two custom buffers*
mV (using HI11310 pH electrode)	Temperature compensation	Automatic, using integral temperature sensor -5.0 to 100.0 °C (23.0 to 212.0 °F)
	Range	±1000 mV
	Resolution	0.1 mV
	Accuracy (@25°C/77°F)	±0.2 mV
ORP (using optional HI36180 ORP electrode)	Range	±2000.0 mV
	Resolution	0.1 mV
	Accuracy (@25°C/77°F)	±0.2 mV (±999.9 mV) ±1 mV (±2000 mV)
	Calibration	Single point offset
EC (using optional HI763100 four- ring conductivity probe)	Temperature compensation	Automatic, using integral temperature sensor -5.0 to 100.0 °C (23.0 to 212.0 °F)
	Range	0.00 to 29.99 µS/cm 30.0 to 299.9 µS/cm 300 to 2999 µS/cm 3.00 to 29.99 mS/cm 30.0 to 200.0 mS/cm up to 500.0 mS/cm absolute conductivity ‡
	Resolution	0.01 µS/cm 0.1 µS/cm 1 µS/cm 0.01 mS/cm 0.1 mS/cm
	Accuracy (@25°C/77°F)	±1% of reading (±0.05 µS/cm or 1 digit, whichever is greater)
	Calibration	Cell factor calibration Six standards available: 84 µS/cm, 1413 µS/cm 5.00 mS/cm, 12.88 mS/cm, 80.0 mS/cm, 111.8 mS/cm One point offset: 0.00 µS/cm
	Temperature compensation	• Automatic, -5 to 100 °C (23 to 212 °F) • No TC, can be selected to measure absolute conductivity
	Temperature coefficient	0.00 to 6.00 %/°C (EC and TDS only) (1.90 %/°C default)

* When operating in Standard Mode only!

** Temperature limits will be reduced to actual probe limits.

‡ Absolute conductivity (TDS) is the conductivity value without temperature compensation.

Specifications		HI2600
TDS (using optional HI763100 four- ring conductivity probe)	Range	0.00 to 14.99 ppm (mg/L) 15.0 to 149.9 ppm (mg/L) 150 to 1499 ppm (mg/L) 1.50 to 14.99 g/L 15.0 to 100.0 g/L up to 400.0 g/L absolute TDS ‡ (with 0.80 factor)
	Resolution	0.01 ppm 0.1 ppm 1 ppm 0.01 g/L 0.1 g/L
	Accuracy (@25°C)	±1% of reading (±0.03 ppm or 1 digit, whichever is greater)
	Calibration	through EC calibration
	TDS Factor *	0.40 to 0.80 (0.50 default)
Salinity (using optional HI763100 four- ring conductivity probe)	Range	0.0 to 400.0 ‰ NaCl 2.00 to 42.00 PSU 0.00 to 80.00 g/L
	Resolution	0.1 ‰ NaCl 0.01 PSU 0.01 g/L
	Accuracy (@25°C)	±1% of reading
	Calibration * (% NaCl only)	Single point with HI7037 standard
	Range	0.00 to 45.00 ppm (mg/L) 0.0 to 300.0 ‰
	Resolution	0.01 ppm (mg/L) 0.1 ‰
	Accuracy	±1.5% of reading ±1 digit
Dissolved Oxygen (using optional HI764080 dissolved oxygen probe)	Calibration	One or two points at 0% (HI7040) and 100% (water-saturated air)
	Pressure Compensation	Automatic 450.0 to 850.0 mmHg
	Resolution	0.1 mmHg
	Salinity Compensation	0 to 40 g/L
	Resolution	1 g/L
	Temperature compensation	0.0 to 50.0 °C
Temperature	Range	-20.0 to 120.0 °C
	Resolution	0.1 °C
	Accuracy (@25°C)	±0.5 °C
	Logging	Up to 1000* records organized in: • Manual log-on-demand, maximum 200 logs • Manual log-on-stability, maximum 200 logs • Interval logging*
Additional specifications	PC interface	USB-C
	Storage interface	USB-C
	Power supply	USB Type C (5 VDC; 500 mA)
	Dimensions	205 x 160 x 77 mm
	Weight	Approximately 0.85 kg

Ordering information

HI2600-02 pH, EC, and DO Benchtop Meter (230V)

What's included:

- **HI11310** pH digital electrode
- **HI764026** electrode holder with the following accessories:
 - base plate with integrated pivot pin
 - cable holder clip, attached
- pH calibration kit:
 - pH 4 buffer solution (2 sachets)
 - pH 7 buffer solution (4 sachets)
 - pH 10 buffer solution sachets (2 sachets)
 - Electrode cleaning solution (2 sachets)
- **HI920018** 1.5 m USB-C to USB-C cable
- USB-C power adapter

Up to 5-point pH calibration
(HI2621 only)

Full GLP data

HI2621
model and
features
shown

CAL-Check™ and
Sensor Check

0.001 pH resolution
(HI2621 only)

Dedicated
calibration key

Logging
(HI2621 only)



pH and ORP Benchtop Meters

HI2620 • HI2621

HI2620 and HI2621 enable fast, accurate pH and ORP measurements with the **HI11310** digital pH electrode and **HI36180** digital ORP probe.

The digital electrode has a unique serial number and, once connected, is automatically identified by the meter.

Both meters measure pH and ORP while the **HI2621** adds data logging and data transfer capabilities.

The intuitive design simplifies configuration, calibration, measurement, data logging and transfer (to a USB thumb drive or computer).

HI2620 and **HI2621** benchtop meters offer a Basic Mode that streamlines measurement configuration and is useful for routine applications.

Additionally, **HI2621** can be used in Standard operating Mode, where all features and capabilities are enabled.

Features

- + Digital pH electrode
- + Automatic parameter recognition
- + ORP measurement (with optional **HI36180** or **HI36200** electrode)
- + **CAL-Check™** indicators (pH electrodes)
 - Electrode condition and cleanliness, electrode response time, and buffer solution quality
- + **Sensor Check™** indicators (with **HI11311**, **HI12301** digital pH electrodes only)
 - Damaged electrode
 - Clogged junction
- + Dedicated **GLP** key
- + On-screen calibration tracking
 - Buffer solution identification during calibration
- + On-screen reminder when calibration time has expired
- + Automatic temperature compensation

HI2621 only

- + **5-point calibration** with 7 stored standard buffers + 2 custom buffers
- + **0.001 pH** resolution
- + Two modes of use
 - **Basic mode:** the essentials for quick and intuitive routine measurements
 - **Standard mode:** all features for total and precise control
- + **Data logging**
 - On demand
 - On demand at the end point
 - Automatic
- + Simplified **data transfer** to a PC

Specifications

HI2620

HI2621

pH (using HI11310 pH electrode)	Range	-2.00 to 16.00 pH	-2.00 to 16.00 pH; -2.000 to 16.000 pH *
	Resolution	0.01 pH	0.01 pH; 0.001 pH *
	Accuracy (@25°C)	±0.01 pH	±0.01 pH; ±0.002 pH *
	Calibration	Automatic, up to three points Option to select from five standard buffers: 4.01 or 3.00, 6.86, 7.01, 9.18, 10.01, and two custom buffers*	Automatic, up to three (five*) points Option to select from five (seven*) standard buffers: pH 1.68*, 4.01 or 3.00, 6.86, 7.01, 9.18, 10.01, 12.45* and two custom buffers*
	Temperature compensation	Automatic, using integral temperature sensor -5.0 to 100.0 °C	Automatic, using integral temperature sensor -5.0 to 100.0 °C
mV (using HI11310 pH electrode)	Logging (HI2621 only)	–	Up to 1000* records organized in: • Manual log-on-demand, maximum 200 logs • Manual log-on-stability, maximum 200 logs • Interval logging, maximum 600 logs (100 lots)*
	Range	±1000 mV	±1000 mV
	Resolution	0.1 mV	0.1 mV
ORP (using optional HI36180 ORP electrode)	Accuracy (@25°C)	±0.2 mV	±0.2 mV
	Range	±2000.0 mV	±2000.0 mV
	Resolution	0.1 mV	0.1 mV
	Accuracy (@25°C)	±0.2 mV (±999.9 mV) ±1 mV (±2000 mV)	±0.2 mV (±999.9 mV) ±1 mV (±2000 mV)
	Calibration	Single point offset	Single point offset
Temperature	Temperature compensation	Automatic, using integral temperature sensor -5.0 to 100.0 °C	Automatic, using integral temperature sensor -5.0 to 100.0 °C
	Logging (HI2621 only)	–	Up to 1000* records organized in: • Manual log-on-demand, maximum 200 logs • Manual log-on-stability, maximum 200 logs • Interval logging*
	Range	-20.0 to 120.0 °C	-20.0 to 120.0 °C
Additional specifications	Resolution	0.1 °C	0.1 °C
	Accuracy (@25°C)	±0.5 °C	±0.5 °C
	PC interface	–	USB-C
Additional specifications	Power supply	USB Type C (5 VDC; 500 mA)	USB Type C (5 VDC; 500 mA)
	Dimensions	205 x 160 x 77 mm	205 x 160 x 77 mm
	Weight	Approximately 0.85 kg	Approximately 0.85 kg

* When operating in Standard Mode only!

** Temperature limits will be reduced to actual probe limits.

‡ Absolute conductivity (TDS) is the conductivity value without temperature compensation.

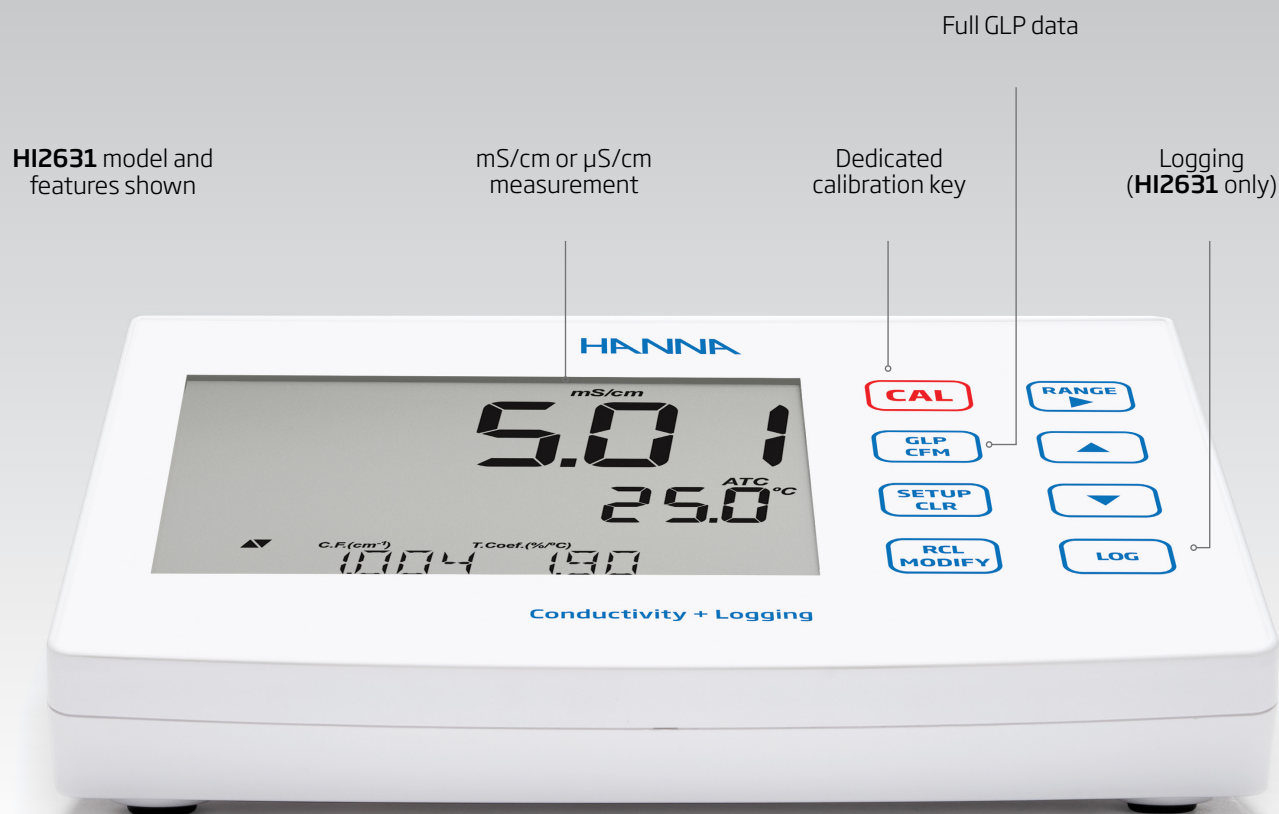
Ordering information

HI2620-02 pH and ORP Benchtop Meter (230V)

HI2621-02 pH and ORP Benchtop Meter with Data Logging (230V)

What's included:

- **HI11310** pH digital electrode
- **HI764026** Electrode holder with the following accessories:
 - base plate with integrated pivot pin
 - cable holder clip, attached
- pH calibration kit:
 - pH 4 buffer solution (2 sachets)
 - pH 7 buffer solution (4 sachets)
 - pH 10 buffer solution sachets (2 sachets)
 - Electrode cleaning solution (2 sachets)
- **HI920018** 1.5 m USB-C to USB-C cable
- USB-C power adapter



Conductivity Benchtop Meters

HI2630 • HI2631

HI2630 and **HI2631** enables fast, accurate measurements utilizing the **HI763100** digital conductivity probe with an integrated temperature sensor.

The probe has a unique serial number and, once connected, is automatically identified by the meter.

Both meters measure conductivity (EC) and TDS while **HI2631** adds salinity measurement and calibration along with data logging capabilities.

The intuitive design simplifies configuration, calibration, measurement, data logging and transfer (to a USB thumb drive or computer).

HI2630 and **HI2631** benchtop meters offer a Basic Mode that streamlines measurement configuration and is useful for routine applications.

Additionally, **HI2631** can be used in Standard Operating Mode, where all features and capabilities are enabled.

Features

- + Digital four-ring conductivity probe
 - Covers all ranges from **0.00 µS/cm to 500 mS/cm** (absolute conductivity)
 - Automatic parameter recognition
- + Choice of measurement unit:
 - Conductivity: µS/cm, mS/cm
 - TDS: ppm (mg/L), g/L
- + Adjustable resolution for EC measurements
- + 2-point calibration with 5 standard solutions
- + Reminder on screen when calibration period has expired
- + Dedicated **GLP** key
- + Automatic temperature correction

HI2631 only

- + Seawater salinity units in % NaCl, PSU, or g/L
- + Two modes of use
 - **Basic mode:** the essentials for quick and intuitive routine measurements
 - **Standard mode:** all features for total and precise control
- + **Data logging**
 - On demand
 - On demand at the end point
 - Automatic
- + Simplified **data transfer** to a PC

Specifications

HI2630

HI2631

EC (using HI763100 four-ring conductivity probe)	Range	0.00 to 29.99 $\mu\text{S}/\text{cm}$; 30.0 to 299.9 $\mu\text{S}/\text{cm}$; 300 to 2999 $\mu\text{S}/\text{cm}$ 3.00 to 29.99 mS/cm ; 30.0 to 200.0 mS/cm up to 500.0 mS/cm absolute conductivity ‡	
	Resolution	0.01 $\mu\text{S}/\text{cm}$; 0.1 $\mu\text{S}/\text{cm}$; 1 $\mu\text{S}/\text{cm}$ 0.01 mS/cm ; 0.1 mS/cm	
	Accuracy (@25°C/77°F)	±1% of reading ($\pm 0.05 \mu\text{S}/\text{cm}$ or 1 digit, whichever is greater)	
	Calibration	Cell factor calibration Six standards available: 84 $\mu\text{S}/\text{cm}$, 1413 $\mu\text{S}/\text{cm}$, 5.00 mS/cm , 12.88 mS/cm , 80.0 mS/cm , 111.8 mS/cm One point offset: 0.00 $\mu\text{S}/\text{cm}$	
	Temperature compensation	- Automatic, -5 to 100 °C - NoTC, can be selected to measure absolute conductivity	
	Temperature coefficient	0.00 to 6.00 %/°C (EC and TDS only) (1.90 %/°C default)	
TDS (using HI763100 four-ring conductivity probe)	Range	0.00 to 14.99 ppm (mg/L); 15.0 to 149.9 ppm (mg/L); 150 to 1499 ppm (mg/L) 1.50 to 14.99 g/L (ppt); 15.0 to 100.0 g/L (ppt); up to 400.0 g/L (ppt) absolute TDS ‡ (with 0.80 factor)	
	Resolution	0.01 ppm (mg/L); 0.1 ppm (mg/L); 1 ppm (mg/L) 0.01 g/L (ppt); 0.1 g/L (ppt)	
	Accuracy (@25°C/77°F)	±1% of reading ($\pm 0.03 \text{ ppm}$ or 1 digit, whichever is greater)	
	Calibration	through EC calibration	
	TDS factor	0.40 to 0.80 (0.50 default)	
Salinity* (HI2631 only, using HI763100 four-ring conductivity probe)	Range	–	0.0 to 400.0 % NaCl 2.00 to 42.00 PSU 0.00 to 80.00 g/L
	Resolution	–	0.1% NaCl 0.01 PSU 0.01 g/L
	Accuracy (@25°C/77°F)	–	±1% of reading
	Calibration * (% NaCl only)	–	Single point with HI7037 standard
Temperature	Range	-20.0 to 120.0°C **	
	Resolution	0.1 °C	
	Accuracy (@25°C/77°F)	±0.5 °C	
Additional specifications	Logging (HI2631 only)	–	Up to 1000* (400) records organized in: - Manual log-on-demand, maximum 200 logs - Manual log-on-stability, maximum 200 logs - Interval logging*, maximum 600 logs (100 lots)
	PC interface	–	USB-C
	Power supply	USB Type C (5 VDC; 500 mA)	
	Dimensions	205 x 160 x 77 mm	
	Weight	Approximately 0.85 kg	

* When operating in Standard Mode only!

** Temperature limits will be reduced to actual probe limits.

‡ Absolute conductivity (TDS) is the conductivity value without temperature compensation.

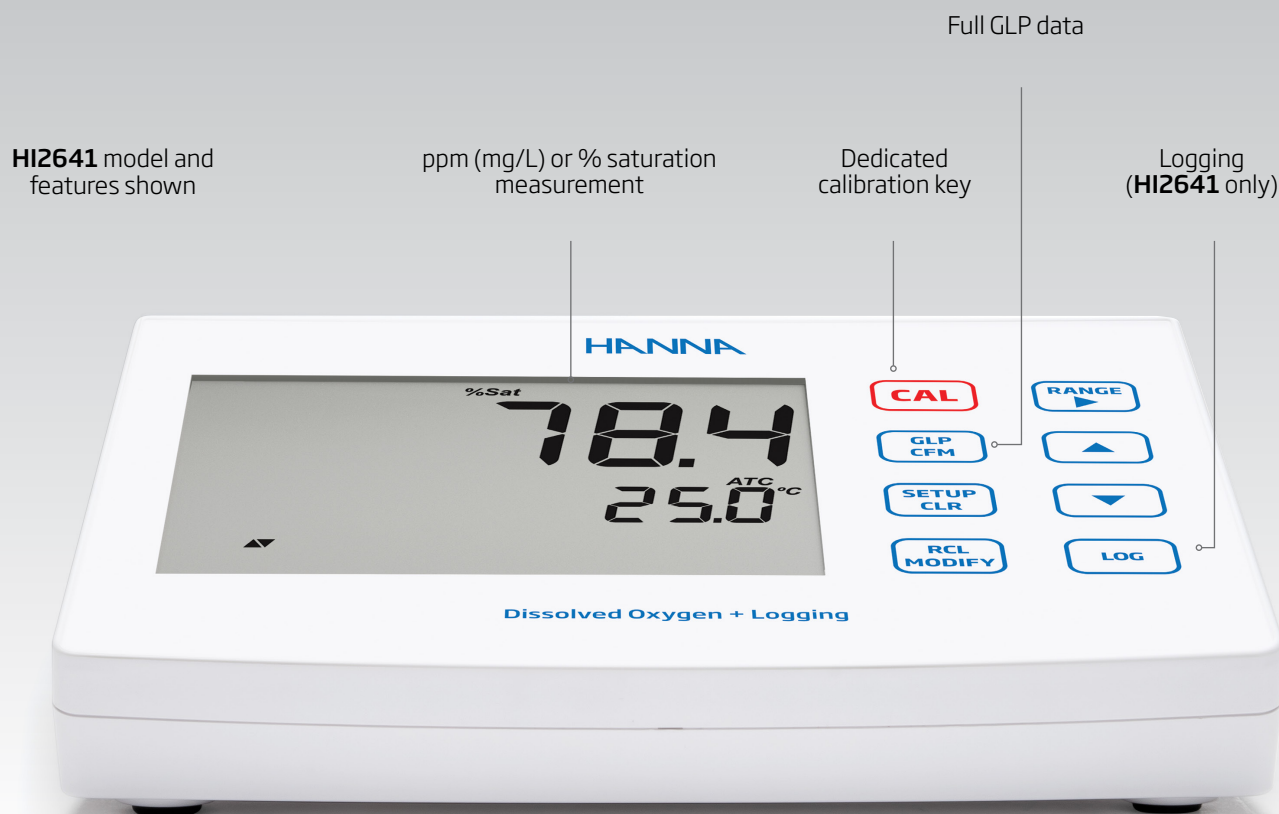
Ordering information

HI2630-02 Conductivity Benchtop Meter (230V)

HI2631-02 Conductivity Benchtop Meter with Data Logging (230V)

What's included:

- **HI763100** Digital conductivity electrode
- **HI764026** Electrode holder with following accessories:
 - base plate with integrated pivot pin
 - cable holder clip, attached
- EC calibration kit comprised of:
 - 1413 $\mu\text{S}/\text{cm}$ conductivity standard solution (4 sachets)
 - 12880 $\mu\text{S}/\text{cm}$ conductivity standard solution (2 sachets)
 - 5000 $\mu\text{S}/\text{cm}$ conductivity standard solution (2 sachets)
 - Electrode rinse solution (2 sachets)
- **HI920018** 1.5 m USB-C to USB-C cable
- USB-C power adapter



Dissolved Oxygen Benchtop Meters

HI2640 • HI2641

HI2640 and **HI2641** enable fast, accurate measurements using the **HI764080** digital dissolved oxygen probe with an integral temperature sensor.

The probe has a unique serial number and, once connected, is automatically identified by the meter.

Both meters measure dissolved oxygen in ppm and % saturation while the **HI2641** adds data logging capabilities.

The intuitive design simplifies configuration, calibration, measurement, data logging and transfer (to a USB thumb drive or computer).

HI2640 and **HI2641** benchtop meters offer a Basic Mode that streamlines measurement configuration and is useful for routine applications.

Additionally, **HI2641** can be used in Standard Operating Mode, where all features and capabilities are enabled.

Features

- + Digital polarographic Clark-type probe
 - Covers all ranges from **0.00 to 45.00 mg/L (ppm); 0.0 to 300.0% saturation**
 - Automatic parameter recognition
- + 1- or 2-point calibration at 0% (with **HI7040**) and 100% (in air)
- + Reminder on screen when calibration period has expired
- + Dedicated **GLP** key
- + Automatic temperature correction
- + Salinity correction for measurements in seawater
- + Atmospheric pressure sensor for automatic pressure compensation

HI2641 only

- + Two modes of use
 - **Basic mode:** the essentials for quick and intuitive routine measurements
 - **Standard mode:** all features for total and precise control
- + **Data logging**
 - On demand
 - On demand at the end point
 - Automatic
- + Simplified **data transfer** to a PC

Specifications

HI2640

HI2641

Dissolved oxygen (using HI764080 dissolved oxygen probe)	Range	0.00 to 45.00 ppm (mg/L) 0.0 to 300.0%
	Resolution	0.01 ppm (mg/L) 0.1%
	Accuracy	±1.5% of reading ±1 digit
	Calibration	One or two points at 0% (HI7040) and 100% (water-saturated air)
	Pressure compensation	Automatic 450.0 to 850.0 mmHg
	Resolution	0.1 mmHg
	Salinity compensation	0 to 40 g/L
	Resolution	1 g/L
	Temperature compenstion	0.0 to 50.0 °C
Temperature	Range	-20.0 to 120.0°C **
	Resolution	0.1 °C
	Accuracy (@25°C)	±0.5 °C
Additional specifications	Logging	– Up to 1000 records organized in: • Manual log-on-demand, maximum 200 logs • Manual log-on-stability, maximum 200 logs • Interval logging*, maximum 600 logs (100 lots)
	PC interface	– USB-C
	Power supply	USB Type C (5 VDC; 500 mA)
	Dimensions	205 x 160 x 77 mm
	Weight	Approximately 0.85 kg

* When operating in Standard Mode only!

** Temperature limits will be reduced to actual probe limits.

Ordering information

HI2640-02 Dissolved Oxygen Benchtop Meter (230V)

HI2641-02 Dissolved Oxygen Benchtop Meter with Data Logging (230V)

What's included:

- **HI764080** Dissolved oxygen electrode
- **HI764026** Electrode holder with the following accessories:
 - base plate with integrated pivot pin
 - cable holder clip, attached
- DO calibration kit
 - **HI7041S** Refill electrolyte solution
 - DO membrane caps (2 pcs.)
 - O-rings (2 pcs.)
- **HI920018** 1.5 m USB-C to USB-C cable
- USB-C power adapter

Digital electrodes & probes

pH



HI11310

Single ceramic, double junction, glass body, refillable pH electrode with temperature sensor

Recommended for laboratory and general purpose



HI11311

Single ceramic, double junction, glass body, refillable pH electrode with temperature sensor and matching pin

Recommended for laboratory and general purpose



HI12300

Single ceramic, double junction, gel filled, PEI body, pH electrode with temperature sensor

Recommended for field applications



HI12301

Single ceramic, double junction, gel filled, PEI body, pH electrode with temperature sensor and matching pin

Recommended for field applications



HI10530

Triple ceramic, double junction, glass body, refillable pH electrode with conical tip and temperature sensor

Recommended for fats, creams, soil and low conductivity samples



HI10430

Triple ceramic, double junction, glass body, refillable pH electrode with temperature sensor

Recommended for low conductivity samples



HI10480

PTFE reference, double junction, Clogging Prevention System (CPS), glass body pH electrode with temperature sensor

Recommended for wine analysis and solutions with a high concentration of suspended solids



FC2320

Open viscolene reference electrolyte, double junction, PVDF body pH electrode with conical tip and temperature sensor

Recommended for meat applications with use of optional FC098 (20 mm) or FC099 (35 mm) stainless steel blade



FC2100

Open viscolene reference electrolyte, double junction, glass body pH electrode with conical tip and temperature sensor

Recommended for dairy analysis including milk



FC2020

Open viscolene reference electrolyte, double junction, PVDF body pH electrode with conical tip and temperature sensor

Recommended for dairy analysis including cheese, yogurt, and other semi-solids

ORP



HI36180

Single ceramic, double junction, glass body, refillable ORP probe with temperature sensor

Recommended for laboratory and general purpose



HI36200

Single ceramic, single junction, gel filled, PEI body, ORP probe with temperature sensor

Recommended for field applications

Conductivity



HI763100

Conductivity probe with temperature sensor

Recommended for general purpose

Dissolved oxygen



HI764080

Dissolved oxygen electrode with temperature sensor

Recommended for general purpose

Solutions & accessories

pH solutions

HI7001L pH 1.68 buffer solution, 500 mL
HI7004L pH 4.01 buffer solution, 500 mL
HI7006L pH 6.86 buffer solution, 500 mL
HI7007L pH 7.01 buffer solution, 500 mL
HI7009L pH 9.18 buffer solution, 500 mL
HI7010L pH 10.01 buffer solution, 500 mL

ORP solutions

HI7021L ORP test solution, 240 mV @ 25 °C, 500 mL
HI7022L ORP test solution, 470 mV @ 25 °C, 500 mL
HI7091L Reducing Pretreatment Solution, 500 mL bottle +14 g (set)
HI7092L Oxidizing Pretreatment Solution, 500 mL bottle

pH electrode maintenance solutions

HI70300L Storage solution, 500 mL
HI70000P Electrode rinse sachets (25 sachets × 20 mL)
HI7061L General cleaning solution, 500 mL

Conductivity solutions

HI7030L 12880 µS/cm calibration solution, 500 mL
HI7031L 1413 µS/cm calibration solution, 500 mL
HI7033L 84 µS/cm calibration solution, 500 mL
HI7034L 80000 µS/cm calibration solution, 500 mL
HI7035L 111800 µS/cm calibration solution, 500 mL
HI7039L 5000 µS/cm calibration solution, 500 mL
HI7037L 100% NaCl sea water standard solution, 500 mL

Dissolved oxygen solutions

HI7040L Zero oxygen solution, 500 mL
HI7041S Polarographic dissolved oxygen electrolyte solution, 30 mL

Accessoires

HI764080A/P Dissolved oxygen spare screw cap membranes for **HI764080** DO probe (5 pcs.)
HI764026 Electrode holder for **HI2600** family
HI920018 USB-C to USB-C cable , 1.5 m





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