

HI6000 Series

Multiparameter Modular System

pH/ORP | pH/ORP/ISE | EC | DO



Multiparameter Modular System

pH/ORP, pH/ORP/ISE, EC & DO

The new HI6000 Series modular multiparameter touchscreen laboratory system is designed for research and laboratory professionals who demand impeccable measurement quality.

HI6000 is a fully flexible laboratory measurement platform that can be customized according to the user's measurement and application needs. Designed and developed using the latest generation technologies it gives users complete control over their measurements and total confidence in

their results. Multi-point calibration (up to 5 points) guarantees the highest possible accuracy.

Modular by nature, HI6000 allows simultaneous installation of three of the four modules offered by Hanna Instruments: pH/ORP, pH/ORP/ISE, Dissolved Oxygen and Conductivity. Combined with the appropriate sensors, the device provides fast, reliable measurements displayed on the large touchscreen.

A context-sensitive help menu and tutorial videos support the user

through all operations, for a very user-friendly experience.

Users can configure the instrument to suit their own needs. The instrument features numerous functions to simplify and optimize work routines, such as a wide choice of display modes, installation of application profiles for immediate access to recurring methods, and versatile connectivity for data storage and sharing.

- ✓ Four modules available: pH/ORP, pH/ORP/ISE, DO, & EC
- ✓ Totally flexible and customizable
- ✓ Easily install and swap modules
- ✓ Space saving design
- ✓ Wide range of electrodes available
- ✓ Highly accurate and reliable measurement
- ✓ View up to three channels simultaneously
- ✓ Share data to USB flash or PC, or via Ethernet or Wi-Fi to FTP, web server and email
- ✓ Connect keyboard, printer or two stirrers
- ✓ User friendly design
- ✓ Large capacitive multi-touch screen
- ✓ Quick assistance with video tutorials

Accurate & Reliable



Go Modular

Easily install and swap modules.

Any combination of 1 to 3 modules can be used.

- Multiparameter measurement flexibility
- Plug-and-play design
- Effortless installation



Flexibility & Expandability



Module options

Up to three measurement modules can be easily installed into the HI6000 housing.
You can choose any combination of the available modules.



Module	HI6000-1	HI6000-2	HI6000-3	HI6000-4
Sensor	pH/ORP	pH/ORP/ISE	EC	DO
Details	ORP: separate sensor required	Incremental ISE methods also available	Supports high purity water in pharmaceutical industry: meter verification, cell validation and three stages of USP <645>	Supports batch analysis of multiple samples: OUR, SOUR, BOD
Recommended probes	HI1131B Refillable pH electrode HI7662-TW Stainless steel temperature probe	HI1131B Refillable pH electrode HI7662-TW Stainless steel temperature probe Hanna Instruments ion selective electrodes	HI7631233 EC/resistivity probe	HI7641133 Optical DO probe HI764833 Polarographic DO probe

pH/ORP and pH/ORP/ISE modules

HI6000-1 · HI6000-2



HI6000-1 (pH/ORP) module



HI6000-2 (pH/ORP/ISE) module

The HI6000-1 module measures pH, ORP and temperature.

The HI6000-2 module measures pH, ORP, specific ions and temperature.

Measurement

- Choice of Measurement Unit
 - pH (**HI6000-1**, **HI6000-2**) – pH, mV
 - ORP (**HI6000-1**, **HI6000-2**) – mV, Rel.mV
 - ISE (**HI6000-2** only) – ppt, ppm, ppb, g/L, mg/L, µg/L, mg/mL, µg/mL, M, mol/L, mmol/L, %w/v, user defined
- Reading modes:
 - Direct and direct/autohold
 - Known Addition, Known Subtraction, Analyte Addition, Analyte Subtraction (**HI6000-2**)

Calibration

- pH calibration using
 - **Up to five** Hanna Instruments pH buffers (pH 1.68, 3.00, 4.01, 6.86, 7.01, 9.18, 10.01 and 12.45)
 - Up to five custom buffers
- mV calibration using a single point to calibrate offset.
- ISE calibration using **up to five** nominal standard values and/or up to five custom solutions (user supplied)

Recommended probes

For pH measurements, Hanna recommends the HI1131B double junction combination pH electrode, together with HI7662-TW temperature probe for use with these modules.

HI1131B is a glass body, double junction, refillable pH electrode with an indicating sensor made of high temperature (HT) glass. The double junction reference and HT glass design allow the electrode to be used in a wide variety of applications.

Probe connection to the unit is secured through a galvanically isolated BNC connection.

HI7662-TW stainless steel temperature probe allows the meter to automatically temperature compensate (ATC) pH measurements.



Specifications		HI6000 with HI6000-1 pH/ORP Module	HI6000 with HI6000-2 pH/ORP/ISE Module
pH	Range*	-2,0 to 20,0 pH; -2,00 to 20,00 pH; -2,000 to 20,000 pH	
	Resolution	0,1 pH; 0,01 pH; 0,001 pH	
	Accuracy	±0,1 pH; ±0,01 pH; ±0,002 pH (±1 last significant digit)	
	Temperature compensation	Automatic or manual	
	Calibration points	Up to 5	
	Type	Automatic; Semiautomatic; Manual	
	Standard buffers	Hanna and NIST pH 1,68, 3,00, 4,01, 6,86, 7,01, 9,18, 10,01, 12,45	
	Custom buffers	Up to 5	
	Custom group	Up to 5	
	1st calibration point	Offset or point (user setting)	
	Isopotential point	-2,000 to 20,000 pH	
mV	Range	-2000,0 mV to 2000,0 mV	
	Resolution	1 mV; 0,1 mV	
	Accuracy	±0,2 mV ±1 last significant digit	
	Calibration	Single point offset, ±2000,0 mV	
ISE (HI6000-2 module only)	Range	-	1,0×10 ⁻⁵ to 300,0 ppt (g/L or mg/mL) 5,0×10 ⁻³ to 1,0×10 ⁵ ppm (mg/L or µg/mL) 1,0 to 5,0×10 ⁷ ppb (µg/L) 1,0×10 ⁻⁷ to 10,0 M (mol/L) 1,0×10 ⁻⁴ to 1,0×10 ⁴ mmol/L 1,0×10 ⁻⁵ to 60,0 % w/v 5,0×10 ⁻⁷ to 5,0×10 ⁷ user
	Resolution	-	1, 2, 3 significant digits
	Accuracy	-	±0,5% (monovalent ions) ±1% (divalent ions)
	Calibration points	-	Up to 5
	Calibration type	-	All standards Standard group
	Standards	-	7 standard solutions available for each concentration unit
	Custom standards	-	Up to 5
	Custom group	-	Up to 5
Temperature	Range*	-20,0 to 120,0 °C; -4,0 to 248,0 °F; 253,2 to 393,2 K	
	Resolution	0,1 °C; 0,1 °F; 0,1 K	
	Accuracy	±0,2 °C; ±0,4 °F; ±0,2 K	
	Calibration	Single point, adjustable	

* The range may be limited by the probe's limits.

Did you know?

Hanna Instruments also offers a wide range of high quality pH electrodes for many applications.

Contact us to find the right electrode for your needs.



Conductivity module

HI6000-3



The HI6000-3 module measures conductivity over an extended range from 0.001 $\mu\text{S}/\text{cm}$ to 1 S/cm , TDS, resistivity, salinity and temperature.

The HI6000-3 module also supports the measurement of high purity water used in the pharmaceutical industry. The application includes meter verification, cell validation applications and the HI6000-3 module is programmed for the three stages of the USP <645> bulk water analysis. The meter guides you through the measurement steps and notifies you when a measurement is out of specification. Reports can be generated and saved.

Measurement

- Choice of Measurement Unit
 - Conductivity – $\mu\text{S}/\text{cm}$, mS/cm
 - Resistivity – $\Omega\cdot\text{cm}$, $\text{k}\Omega\cdot\text{cm}$, $\text{M}\Omega\cdot\text{cm}$
 - TDS – ppm, ppt
 - Salinity – ppt, PSU, %

Calibration

- Conductivity Calibration **up to five points**, using:
 - Offset: 0 $\mu\text{S}/\text{cm}$ (in air)
 - Slope: 84 $\mu\text{S}/\text{cm}$, 1413 $\mu\text{S}/\text{cm}$, 5000 $\mu\text{S}/\text{cm}$, 12880 $\mu\text{S}/\text{cm}$, 80000 $\mu\text{S}/\text{cm}$, and 111800 $\mu\text{S}/\text{cm}$, or custom standards
- Salinity (%) calibration using 100% salinity standard

Specifications

HI6000 with HI6000-3 EC Module

Conductivity	Range*	0,000 to 9,999 $\mu\text{S}/\text{cm}$ 10,00 to 99,99 $\mu\text{S}/\text{cm}$ 100,0 to 999,9 $\mu\text{S}/\text{cm}$	1,000 to 9,999 mS/cm 10,00 to 99,99 mS/cm 100,0 to 1000,0 mS/cm
	Resolution	0,001 $\mu\text{S}/\text{cm}$ 0,01 $\mu\text{S}/\text{cm}$ 0,1 $\mu\text{S}/\text{cm}$	0,001 mS/cm 0,01 mS/cm 0,1 mS/cm
	Accuracy	$\pm 1\%$ of reading or $\pm 0,010 \mu\text{S}/\text{cm}$, whichever is greater	
	Cell Constant	0,0500 to 200,0000 /cm	
	Calibration Type	Automatic or manual	
	Calibration Points	Single; Up to 5	
	Calibration Solutions	84,00 $\mu\text{S}/\text{cm}$; 1,413 mS/cm ; 5,000 mS/cm ; 12,88 mS/cm ; 80,00 mS/cm ; 111,8 mS/cm	
	Temperature Compensation	Linear; Natural; Standard; Disabled	
	Reference Temperature	5,0 to 30,0 $^{\circ}\text{C}$ (41,0 to 86,0 $^{\circ}\text{F}$, 278,2 to 303,2 K)	
Resistivity	Temperature Coefficient	0,00 to 10,00 $\%/^{\circ}\text{C}$	
	Range	1,0 to 99,9 $\Omega\cdot\text{cm}$; 100 to 999 $\Omega\cdot\text{cm}$; 1,00 to 9,99 $\text{K}\Omega\cdot\text{cm}$; 10,0 to 99,9 $\text{K}\Omega\cdot\text{cm}$; 100 to 999 $\text{K}\Omega\cdot\text{cm}$; 1,00 to 9,99 $\text{M}\Omega\cdot\text{cm}$; 10,0 to 100,0 $\text{M}\Omega\cdot\text{cm}$	
	Resolution	0,1 $\Omega\cdot\text{cm}$; 1 $\Omega\cdot\text{cm}$; 0,01 $\text{K}\Omega\cdot\text{cm}$; 0,1 $\text{K}\Omega\cdot\text{cm}$; 1 $\text{K}\Omega\cdot\text{cm}$; 0,01 $\text{M}\Omega\cdot\text{cm}$; 0,1 $\text{M}\Omega\cdot\text{cm}$	
Total Dissolved Solids (TDS)	Accuracy	$\pm 1\%$ of reading or $\pm 1 \Omega\cdot\text{cm}$, whichever is greater	
	Range	0,000 to 9,999 ppm 10,00 to 99,99 ppm 100,0 to 999,9 ppm	1,000 to 9,999 ppt 10,00 to 99,99 ppt 100,0 to 400,0 ppt actual TDS (with 1.00 factor)
	Resolution	0,001 ppm 0,01 ppm 0,1 ppm	0,001 ppt 0,01 ppt 0,1 ppt
Salinity	Accuracy	$\pm 1\%$ of reading or $\pm 0,01$ ppm, whichever is greater	
	Range	0.00 to 42.00 PSU (Practical Salinity Scale) 0.00 to 80.00 ppt (Natural Sea Water) 0.0 to 400.0 % (Percent Scale)	
	Resolution	0.01 PSU 0.01 ppt 0.1 %	
Temperature	Accuracy	$\pm 1\%$ of reading	
	Calibration	1 point, using 100 % salinity calibration solution (% scale only)	
	Range*	-20,0 to 120,0 $^{\circ}\text{C}$ / -4,0 to 248,0 $^{\circ}\text{F}$ / 253,2 to 393,2 K	
	Resolution	0,1 $^{\circ}\text{C}$; 0,1 $^{\circ}\text{F}$; 0,1 K	
Temperature	Accuracy	$\pm 0,2^{\circ}\text{C}$; $\pm 0,4^{\circ}\text{F}$; $\pm 0,2$ K	
	Calibration	Single point, adjustable	

* The range may be limited by the probe's limits.

Required probe

Hanna recommends the HI7631233 platinum four-ring probe for use with this module.

Recommended for a wide range of industrial process water applications, HI7631233 provides stable measurements over a wide measurement range and does not require frequent calibrations. A built-in temperature sensor measures the process temperature and adjusts the measured conductivity to a reference temperature by applying specialized compensation algorithms:

- Linear: appropriate when it is assumed that the temperature coefficient of variation has the same value for all measurement temperatures.
- Standard: appropriate for high-purity water measurements and documented in ASTM Standard D5391-14. This setting should be used for $>1\text{Mohm}\cdot\text{cm}$ resistivity measurements.
- Natural: appropriate for natural ground, well, or surface water (or water with similar composition) in accordance with ISO7888 standard.

The result is reliable electrolytic conductivity.



Dissolved Oxygen module

HI6000-4



HI6000-4 Dissolved Oxygen module is designed to be used with the HI6000 Multiparameter Modular System for fresh and saltwater measurements of dissolved oxygen when used with the HI7641133 optical dissolved oxygen (opdo®) probe or the HI764833 polarographic dissolved oxygen probe.

The Oxygen Uptake Rate (OUR), Specific Oxygen Uptake Rate (SOUR), Oxygen Demand (BOD) methods guide the user through the procedures adhering to the standard method guidelines.

Concentration measurements are automatically compensated for barometric pressure, temperature, and salinity.

- OUR measurements determine the biological activity of a system in terms of oxygen consumption or respiration rate.
- SOUR measurements determine the oxygen consumption of a system.
- BOD measurements determine the oxygen uptake rate by microorganisms in a water sample over a period time.

Measurement

- Choice of Measurement Unit
 - DO - %Sat, mg/L, ppm
 - BOD - ppm, mg/L
 - OUR - ppm, mg/L
 - SOUR - ppm, mg/L
 - Pressure - mmHg, mbar, kPa, inHg, psi, atm
- Reading modes: direct and direct/autohold; BOD, OUR, SOUR

Calibration

- **One or two points** automatic calibration at 100.0 % (8.26 mg/L) and 0.0 % (0.00 mg/L)
- One point manual calibration using a value entered by the user

Specifications

HI6000 with HI6000-4 DO Module

DO	Range*	0,0 to 500,0 % saturation 0,00 to 90,00 mg/L (ppm) concentration	
	Resolution	0,1 % saturation 0,01 mg/L (ppm)	
	Accuracy	Refer to probe used	
	Calibration points	One or two points at 100,0 % (8,26 mg/L) and 0.0 % (0.00 mg/L)	
	Calibration type	Automatic Manual (user entered value in % saturation, mg/L, or ppm)	
Barometric pressure	Range	450,0 to 850,0 mmHg 600,0 to 1133,2 mbar 60,00 to 113,32 kPa	17,72 to 33,46 inHg 8,702 to 16,436 psi 0,5921 to 1,1184 atm
	Resolution	0,1 mmHg 0,1 mBar 0,01 kPa	0,01 inHg 0,001 psi 0,0001 atm
	Accuracy	±3 mmHg within ±15 % from calibration point ±3 mmHg ±1 least significant digit	
	Compensation	Automatic (meter-integrated barometer) Manual	
Temperature	Range*	-20,0 to 120,0 °C -4,0 to 248,0 °F 253,2 to 393,2 K	
	Resolution	0,1 °C 0,1 °F 0,1 K	
	Accuracy	Refer to probe used	
	Compensation	Automatic Manual	
	Calibration	Single point, adjustable	
Salinity compensation		Manual 0,00 to 45,00 PSU or g/L (ppt) 0,0 to 130,0 ‰	

* The range may be limited by the probe's limits.

Recommended probes

Hanna recommends a choice of 2 dissolved oxygen probes for use with this module: HI7641133 optical dissolved oxygen probe (opdo®) and HI764833 polarographic probe.

HI7641133 opdo probe (with HI764113-1 Smart Cap) provides accurate dissolved oxygen measurements over long periods of time reducing the need for frequent calibration. The Cap, pre-loaded with calibration coefficients, includes the immobilized O₂ sensitive luminophore with a rugged, insoluble black oxygen permeable protective layer.

The principle of operation is based on the principle of fluorescence quenching and features an immobilized Pt-based luminophore that is excited by the light of a blue LED and emits a red light. Dissolved oxygen quenches this excitation. When there is no oxygen present, the lifetime of the signal is the greatest; as oxygen hits the sensing surface, the lifetime becomes shorter.

The intensity and lifetime are inversely proportional to the amount of oxygen present; as oxygen interacts with the luminophore it reduces the intensity and lifetime of the luminescence. The lifetime of the luminescence is measured by a photo-detector, and is used to calculate the dissolved oxygen concentration. This

is, in turn, reported by the meter as % saturation or mg/L of dissolved oxygen.

HI764833 Clark-Type polarographic probe features a platinum cathode and Ag/AgCl anode assembly and a built-in temperature sensor. The temperature measurement is used in computations for dissolved oxygen measurements.

The probe has a thin, 12 mm (0.47"), design that allows for convenient measurement in narrow vessels such as test tubes, wine bottles, standard BOD bottles.

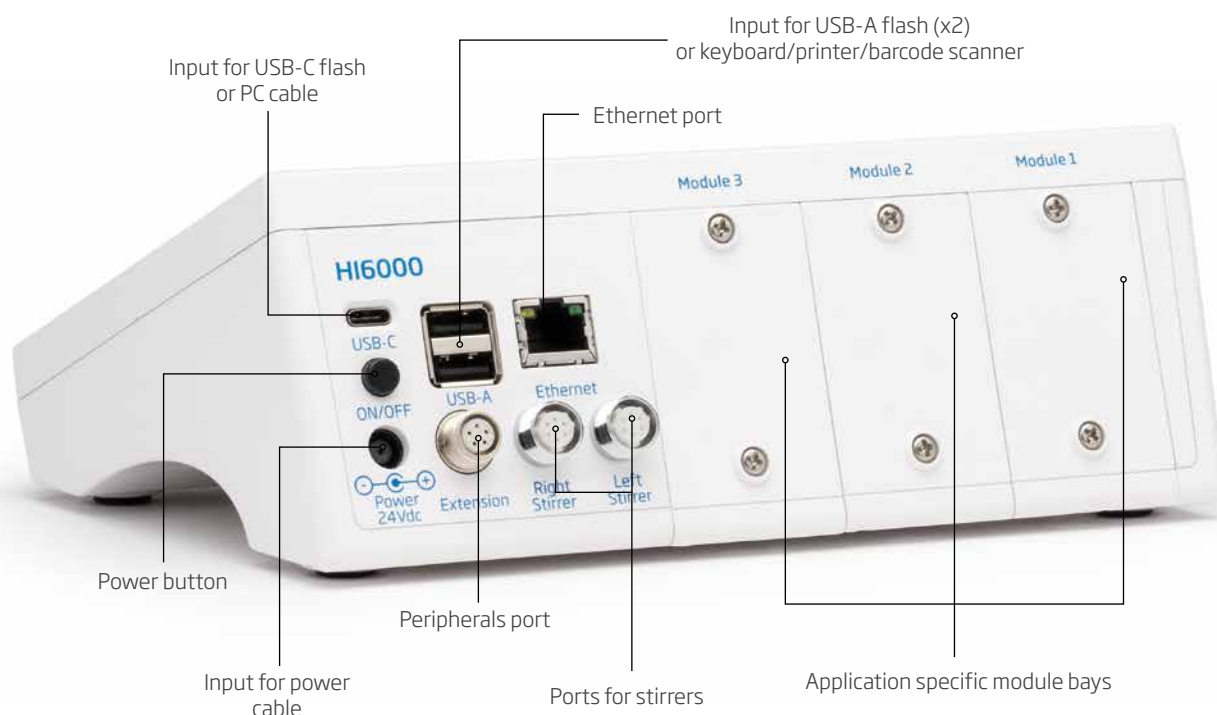
The probe is fitted with a PTFE screw cap membrane that separates the probe's cathode and anode from the sample being measured. Oxygen diffuses across the membrane and interacts with the polarographic system to produce a current proportional to oxygen concentration. The cap is filled with HI7041 electrolyte and screwed on to the probe. Screw-on caps with pretensioned membranes provide quick maintenance.



HI7641133
Optical DO Probe

HI764833
Polarographic
DO Probe

Go digital



Thanks to Wi-Fi connection,
forget about manual data transcripts

Connectivity features and services

- Transfer logged data to a USB flash drive
- Log files include **measurements** and **calibration data** (as .CSV file)
- FTP and email for log export via **Ethernet and Wi-Fi connection**
- Download logs using the meter's embedded web server
- USB type A for USB drive, **printer** (standard or thermal), and **keyboard**
- USB type C for USB drive and **PC connection**

Logging

- **Active log** during measurement
- Data log collection of at most **1,000,000 data points**, with time and date stamp
- Logging types: manual, automatic, autohold
- Sample ID for manual and autohold data



Seamless simplicity

Multiple screen configurations

Up to 3 measurements can be shown on screen simultaneously. Views can be mixed and matched.



Single-parameter screen



Dual-parameter screen



Triple-parameter screen



Great user experience

User-friendly interface

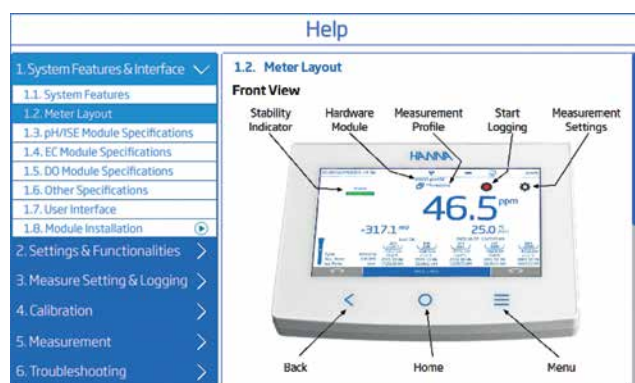
- 7" (17.8 cm) capacitive touchscreen with multi-touch support
- Capacitive touch keys for back, home and menu system buttons
- User-friendly icons and symbols enable easy navigation and interpretation of instrument functions
- Choice of five different display modes:
 - Standard
 - Simple GLP with calibration information
 - Full GLP with electrode status and calibration point details
 - Interactive graph updated in real time
 - Tabulated data with date, time and notes

10 User-Profiles

- For direct access to daily analyses, users can save their procedures in profiles grouping together all their method configuration data.

On-board help and video tutorial

- The HELP menu supports users with a brief overview of the system's main functionalities through text and video tutorials.



Stay secure



Accuracy

Multi-point calibration for optimum results

- + pH calibration up to 5 points with 8 stored standard buffers and 5 custom buffers
- + ISE calibration up to 5 points with 5 stored standards and 5 custom buffers
- + Conductivity calibration up to 5 points with 6 stored standards and 1 user standard

HI6000 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

Save space on your workbench

Probe holder

HI764060

- Probe holder with flexible arm supplied for up to 3 probes + 1 temperature sensor
- Can be securely fixed to either side of the instrument.



Magnetic mini-stirrer

HI6000180



Stirring speed and direction are adjustable via the HI6000's interface or the front speed knob.

- + Easy to handle, this lightweight and compact stirrer needs little room and is quickly recognizable on busy benches
- + Chemical resistant housing
- + Adjustment of stirring speed using the cursors on the HI6000 display
- + Select the desired rotation: clockwise, counter clockwise, or alternating (15, 30, or 45 seconds)

Specifications	HI6000180
Stirring Capacity	1 liter
Speed Range	100 to 1500 rpm
Power Supply	Powered by the meter
Cover Material	ABS plastic
Environment	0 to 50 °C; RH max 95%
Dimensions / Weight	Ø137 mm x 61 mm / 640 g

Thermal printer

SP6000-PRN02

- + Compact housing ideal for tight spaces
- + Fast, stable network tethering
- + Versatile connectivity: USB-A, USB-B, USB-C and Ethernet



Specifications	SP6000-PRN02
Print Method	Thermal
Print Speed	Up to 300 mm/s
Print Resolution	203 dpi
Print Direction	Vertical and horizontal
Dimensions / Weight	127mm x 128mm x 129mm / 1.3 kg

Customize your benchtop meter

Create your ideal meter in 3 steps

1. Set the HI6000 meter



HI6000-02 is supplied with HI764060 electrode holder (with the following accessories: base plate (with integrated pivot pin) and screw, requires installation; cable holder clip, attached; electrode holder with adapter, attached), 24 VDC power adapter; USB-C to USB-A cable; instrument quality certificate; quick reference with QR code for manual download.

Each HI6000 unit can house 3 modules

2. Choose up to 3 modules

This can be any combination of the available modules.



Module	HI6000-1	HI6000-2	HI6000-3	HI6000-4
Sensor	pH/ORP module	pH/ORP/ISE module	EC module	DO module

3. Choose your probe

Recommended pH electrodes

Any probe with a **BNC connector** can be used, see the complete list on our website.

HI1043B	Combined pH electrode for strong acids and bases, glass body, double junction, fillable, with BNC connector and 1 m cable
HI1053B	Combined pH electrode for emulsions, glass body, triple ceramic junction, fillable, with BNC connector and 1 m cable
HI1083B	Combined pH electrode for use in biotechnology, glass body, open junction, fillable, with BNC connector and 1 m cable
HI1131B	pH combination electrode for general use, glass body, ceramic junction, fillable, with BNC connector and 1 m cable
HI3230B	Combined ORP electrode for general use, plastic body, double junction, gel-filled, with BNC connector and 1 m cable
HI1048Y	pH/°C Electrode with Clogging Prevention System (CPS™) and BNC and RCA Connector
HI1131Y	Refillable Combination pH/°C Electrode with BNC and RCA Connector
HI1230Y	Gel Filled PEI Body pH/°C Electrode with BNC and RCA Connector

EC Probe

HI7631233	EC & Resistivity probe
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DO probes

HI7641133	Optical DO (opdo®) probe
HI764833	Polarographic DO probe

Temperature probe

HI7662-TW	Temperature probe
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HI6000 meter only General Specifications

Reading	Stability criteria	Accurate; Medium; Fast
	Sampling Rate	1000 ms
Logging	Type	Automatic; Manual; Autohold
	Number of records	50 000 maximum per file Stores at least 1 000 000 data points per user
	Automatic interval	1, 2, 5, 10, 30 seconds; 1, 2, 5, 10, 15, 30, 60, 120, 150, 180 minutes
	Sample ID	Incremental mode or Manual
	Export option	.CSV file format
Connectivity	USB-A	2 ports for keyboard and / or printer input or USB flash drive
	USB-C	1 port for PC connectivity and USB-C type flash drive
	Wi-Fi & ethernet	Log transfer and download (web server; email; FTP)
	RS232	Connecting peripherals
Calibration reminder		Daily: 0 minutes to 23 hours 59 minutes Periodic: 1 minute to 30 days, 23 hours and 59 minutes Disabled
Users		Up to 9 users and the default administrator account
Power supply		DC adapter 100-240 VAC to 24 VDC 2A
Environment		0 to 50 °C / 32 to 122 °F / 273 to 323 K maximum 95 % RH non-condensing
Dimensions / Weight		205 x 160 x 77 mm / Approximately 1,2 kg

Accessories

HI920016	USB Type A to C Cable
HI6000180	Magnetic Mini-Stirrer for HI6000 Series
HI731319	Stir bars 25 mm (10 pcs)
HI731361	Retriever bar for magnetic stirrers
HI764113-1	Replacement optical DO sensing cap for HI764113 probe
HI764113-2	Calibration/Storage vessel for HI764113 optical DO probe
HI764113-3	Stainless Steel Protective Shield for HI764113 optical DO probe
HI76483A/P	DO Membranes for polarographic probe
HI764060	Electrode holder for HI6000 Series
SP6000-PRN02	Thermal printer for HI6000 Series
SP6000-PRNRL	Thermal printer replacement Roll

Choose your kit

Each preconfigured kit is supplied with electrode holder, calibration solutions starter kit, power adapter and accessories.

pH/ORP/ISE kit

HI6222-02 is supplied with:

- HI6000 housing unit
- HI6000-2 pH/ISE module (2 x) + HI1131B pH electrode + HI7662-TW temperature probe
- Calibration solution starter kit for pH



pH/ORP/ISE + EC kit

HI6522-02 is supplied with:

- HI6000 housing unit
- HI6000-2 pH/ISE module + HI1131B pH electrode + HI7662-TW temperature probe
- HI6000-3 EC module + HI7631233 EC and resistivity probe
- Calibration solution starter kit for pH and EC



pH/ORP/ISE + optical (opdo®) DO kit

HI6542-02 is supplied with:

- HI6000 housing unit
- HI6000-2 pH/ISE module + HI1131B pH electrode + HI7662-TW temperature probe
- HI6000-4 DO module + HI7641133 optical DO probe (opdo®) + HI764113-1 Smart Cap™
- Calibration solution starter kit for pH and DO



pH/ORP/ISE + polarographic DO kit

HI6542P-02 is supplied with:

- HI6000 housing unit
- 1 x HI6000-2 pH/ISE module + HI1131B pH electrode + HI7662-TW temperature probe
- 1 x HI6000-4 DO module + HI764833 polarographic DO probe
- Calibration solution starter kit for pH and DO



pH/ORP/ISE + EC+optical (opdo®) DO kit

HI6553-02 is supplied with:

- HI6000 housing unit
- HI6000-2 pH/ORP/ISE module (installed) + HI1131B pH electrode + HI7662-TW temperature probe
- HI6000-3 EC module + HI7631233 EC & resistivity probe
- HI6000-4 DO module + HI7641133 optical DO probe (opdo®)
- Calibration solution starter kit for pH and DO, EC and DO



pH/ORP/ISE + EC + polarographic DO kit

HI6553P-02 is supplied with:

- HI6000 housing unit
- HI6000-2 pH/ORP/ISE module (installed) + HI1131B pH electrode + HI7662-TW temperature probe
- HI6000-3 EC module + HI7631233 EC & resistivity probe
- HI6000-4 DO module + HI764833 polarographic DO probe
- Calibration solution starter kit for pH and DO, EC and DO



Contact your regional advisor

België



www.hannainstruments.be/nl/team

Nederland



www.hannainstruments.nl/nl/team



An experienced team of specialists is ready to provide you with support and personal advice!



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