



HI98394

Multiparameter pH/EC/ISE/Turbidity/DO Portable Meter with GPS and Autonomously Logging Probe





Rugged and versatile

The HI98394 is designed to withstand harsh environmental conditions and is ideal for field measurements.

HI98394 overview

Monitor up to 14 water quality parameters with autonomously logging probe

HI98394 is a portable logging multiparameter system (meter and autonomously logging probe) that monitors up to 14 different water quality parameters (7 measured and 7 calculated) such as pH, ORP, turbidity, dissolved oxygen, conductivity, chloride, nitrate, ammonium and temperature. Each parameter is fully configurable.

HI98394 has a graphic, backlit display that automatically sizes the digits to fit the screen with on-screen graphing capability.

HI98394 features an internal 12-channel GPS receiver / antenna module that guarantees a position accuracy of 10 m (30 ft). GPS information can be transferred to a PC and can be viewed using GPS mapping software. Clicking on visited locations, using a mapping software, displays the measurement information.

The GPS coordinates are shown on the LCD together with up to 10 measurement parameters, and are recorded with logged data. A 3-bar antenna indicator, in the bottom right corner of the LCD, indicates GPS signal strength.

The multisensor probe features an internal temperature sensor and a removable protective shield.

The HI98394 system is easy to setup and use. The built-in tutorial mode guide users step-by-step through sensor preparation, installation, maintenance, and calibration processes.

The meter can log data that can be easily downloaded as a .csv file (or graph) to a type-C, USB flash drive.

The HI98394 is designed to withstand harsh environmental conditions and is ideal for field measurements. Each meter comes with a protective rubber boot and meets IP67 standard (30 minutes immersion at 1 meter depth). The multisensor probe is totally sealed against water and dust, and meets IP68 standard (continuous immersion in water).

Features at a glance

- Monitors up to 14 different water quality parameters
- Rugged, water-resistant meter and waterproof probe
- Autonomously logging probe with weighted cap
- Field-replaceable sensors with auto recognition
- Instantaneous conductivity and turbidity measurements
- Built-in barometer for percent saturation and DO concentration compensation
- Good Laboratory Practice feature, the last 5 calibrations are automatically stored
- Graphical display of logged data on backlit LCD screen
- Log-on-demand and automatic logging on meter for all parameters
- Quick calibration feature to provide single point calibration for pH, conductivity, and dissolved oxygen with one solution
- Probe shipped with sensors installed
- Waterproof Quick Connect DIN connection between meter and probe
- USB-C interface for PC communication

Choice of cable lengths

From 4 m up to 50 m probe cable lengths are available.



Protective rubber boot included

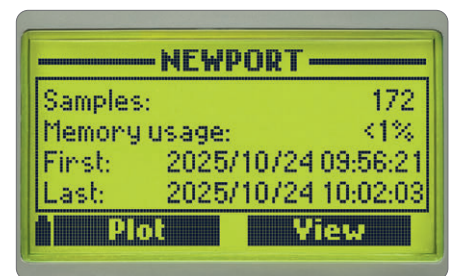
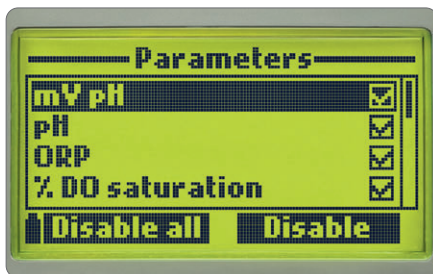
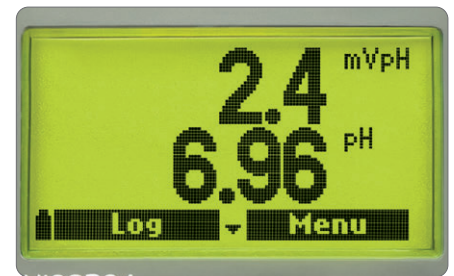
The included protective rubber boot helps protect against impacts in the field.

Stainless steel, weighted protective guard

Features on screen

Measurements

HI98394 can display from 1 to 12 parameters on the high contrast backlit LCD. The pH, EC and DO measurements are automatically compensated for temperature variations. Dissolved oxygen measurements are automatically compensated for barometric pressure and salinity.



Data logging

HI98394 can be used to log one data point or continuously log at selected time intervals. All logs have the option to store data into a named lot and the ability to add remarks. Both help to provide for meaningful data including notes on local environmental conditions.



GLP data

Calibration information is captured along with time and date stamp. Information includes calibration values along with other values that have an impact on the measurement. GLP data is stored with logged data.

On-screen tutorials

When enabled, the user will be guided step-by-step through the sensor preparation, sensor maintenance, sensor installation and calibration procedures.

Status screens

Meter Status displays information related to the batteries, charging status, logging, internal temperature, password, Meter ID, serial number and firmware version.

Probe Status displays information related to the probe type, connected sensors, probe ID, serial number and firmware version.

GLP (Good Laboratory Practice) is a set of functions that allows the user to store or recall data regarding the probe calibration. GLP data stores the last five calibrations.



GPS overview

GPS (Global Positioning System)

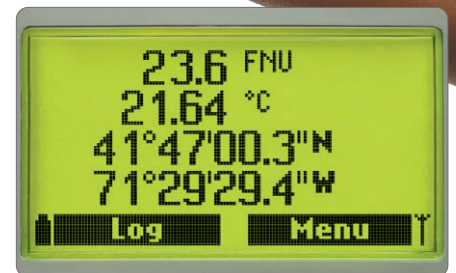
The HI98394 features an internal 12 channel GPS receiver and antenna that calculates its position to track locations along with measurement data. The GPS tracks your location using satellites to within 30 ft (10 m) so you can be sure that you return to the same location for repeated measurements. The GPS coordinates can be shown on the LCD together with up to 10 measurement parameters and are recorded with logged data.

Features

- **Basic GPS features**
 - GPS coordinates shown on the LCD with up to 10 measurement parameters
 - GPS signal strength shown on LCD
 - Logged data is embedded with GPS coordinates
 - GPS status screen
- **Advanced GPS features**
 - Users can associate GPS coordinates with alphanumeric locations
 - Distances between current location and predefined locations are displayed arranged by distance
 - Memorizes last location and time should signal be lost



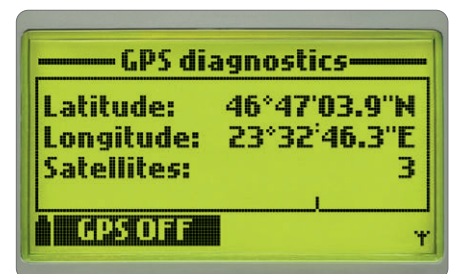
- GPS data can be customized to meet specific requirements.



- Display up to 10 measurement parameters along with GPS coordinates and are recorded with logged data.



- Displays distances between current and predefined locations.



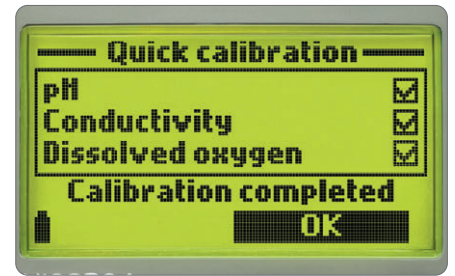
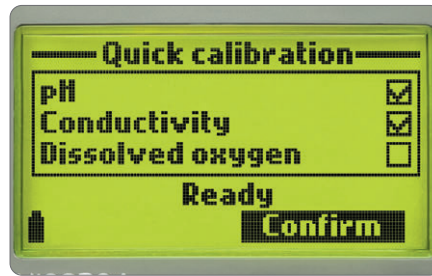
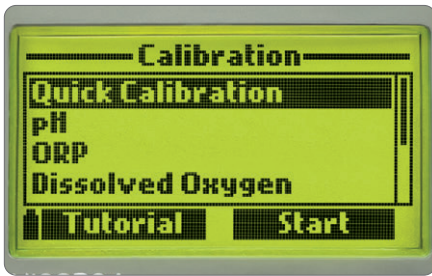
- Shows current position and number of satellites.

Calibration beaker and Quick Cal calibration solution included

Perform single point calibration for pH, conductivity, and dissolved oxygen with the calibration beaker in tandem with Quick Cal solution.



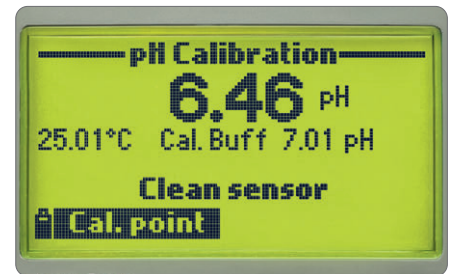
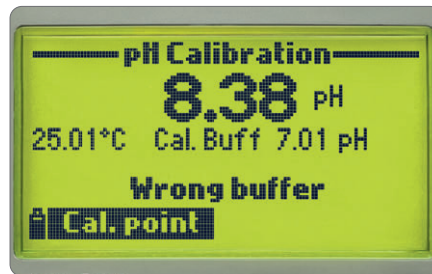
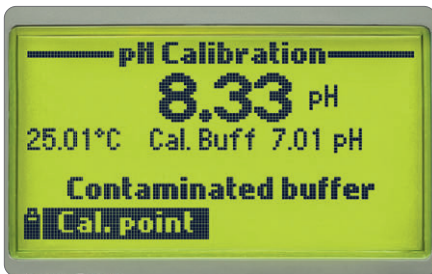
Calibration features



Quick calibration

Quick Calibration provides a speedy, single point calibration for pH, conductivity, and dissolved oxygen.

Standard calibration options are also available including pH up to three points, conductivity at one point, turbidity with 3 provided standards and dissolved oxygen up to two points.



pH calibration messages

The meter displays a series of messages if an error has occurred during calibration. If the meter does not accept a pH calibration point, a short message is displayed to indicate the possible error source.

Additional features

Waterproof probe connection and USB type-C

Waterproof Quick Connect DIN connector

The meter connects to the multiparameter probe through a single waterproof connector and makes attaching and removing the probe quick and easy. The meter automatically detects the probe when connected.

Data transfer

The USB Type-C port provides for easy data transfer to memory stick, PC, or other compatible devices.



Supplied complete

Rugged custom carrying case

The HI98394 meter, probe*, and all accessories are supplied in a rugged carrying case designed to provide years of use. The inside compartment of the carrying case is thermoformed to securely hold and protect all of the components.

*Probe with 20 m cable option will be packed separately.



Easy sensor
removal with
hex key

HI7698394 overview

Autonomously Logging Multiparameter Probe and Sensors

- **Autonomously Logging Probe**
 - Storage of up to 140000 individual samples or 35000 complete sample data sets with date and time stamp thus permitting up to a 70 day deployment with all channels logging at 10 minute intervals.
- **Pre-installed Sensors**
 - Supplied with pre-installed pH/ORP, EC/Turbidity and DO sensors
- **Quick Sensor Replacement**
 - Sensor replacement is quick and easy with field replaceable, screw type connectors and color coded bodies.
- **Auto-Sensor Recognition**
 - This meter automatically recognizes sensors.
- **Temperature Sensor**
 - The probe incorporates a temperature sensor for temperature compensation of all parameters.
 - Accurate temperature reading in degrees Celsius, Fahrenheit and kelvin are displayed.
- **Field Ready**
 - For field calibration, our quick calibration solution allows standardization of pH and conductivity with one calibration solution.
- **Quick Calibration**
 - Simply screw the calibration beaker filled with Quick Calibration solution onto the probe, select "Quick calibration" from the menu and press OK. Individual calibration may also be performed using multiple calibration points.

Stainless steel, weighted protective guard

Sensors

Hanna offers a selection of seven sensors to be used on the intelligent probes. Sensor replacement is quick and easy with screw type connectors and are color coded for easy identification. The HI98394 automatically recognizes sensor presence.

The HI7698594-4 EC/turbidity sensor is field replaceable and offers readings from both parameters at the same time.

All potentiometric sensors feature a double junction design and are gel filled to increase resistance to contamination. An ISE sensor can be used in place of the pH sensor and is automatically recognized. pH in mV readings are also displayed — which is useful for troubleshooting.

ISE

A choice of three (Nitrate, ammonium and chloride) ion selective electrodes (ISE) is available for constant reporting of common surface water contaminants.

Each ISE is a combination electrode incorporating an extremely constant reference spiral; all potentiometric probes feature a double junction and solid gel reference design. The HI98394 displays measurements of ion activity as ppm ammonium-nitrogen, ppm chloride, and ppm nitrate-nitrogen respectively.



Included Sensor Specifications

		HI7698194-1	HI7698594-4	HI7698194-2
Description		pH/ORP sensor	EC/Turbidity sensor	DO sensor
Measurement unit		pH mV (pH/ORP)	µS/cm, mS/cm FNU	DO (% saturation and concentration)
Measurement range		0.00 to 12.00 pH ±600.0 mV (pH) ±2000.0 mV (ORP)	0 to 200.0 mS/cm 0.0 to 400 mS/cm (absolute) 0.0 to 1000 FNU	0.0 to 500.0 %; 0.00 to 50.00 mg/L
Color code		Red	Blue	White
Operational temperature		-5.0 to 50.0 °C 23.0 to 122.0 °F	-5.0 to 50.0 °C 23.0 to 122.0 °F	-5.0 to 50.0 °C 23.0 to 122.0 °F
Materials	Tip	Glass (pH) and ORP (platinum)	—	cat/an: Ag/Zn
	Junction	Wick	—	membrane: HDPE
	Body	PEI	Electrodes: Stainless steel (AISI 316) Body: ABS and Epoxy	ABS
	Electrolyte	Gel	—	—
Maintenance solution		HI70300 Storage solution	—	HI7042S (DO electrolyte)
Reference		Double junction	—	—
Immersion depth		20 m (66')	20 m (66')	20 m (66')
Dimensions		Length 118 mm (4.6") Diameter 15 mm (0.6")	135 x 35 mm	Length 99 mm (3.9") Diameter 17 mm (0.7")



Optional Sensor Specifications

		HI7698194-0	HI7698594-3	HI7609829-10	HI7609829-11	HI7609829-12
Description		pH sensor	EC sensor	Ammonium ISE	Chloride ISE	Nitrate ISE
Measurement unit		pH, mV (pH)	EC	ppm	ppm	ppm
Measurement range		0.00 to 12.00 pH ±600.0 mV (pH)	0 to 200.0 mS/cm 0.0 to 400 mS/cm	0.02 to 200.0 ppm as NH ₄ ⁺ -N	0.6 to 200.0 ppm Cl ⁻	0.6 to 200.0 ppm as NO ₃ ⁻ -N
Color code		Red	Blue	Red	Red	Red
Operational temperature		-5.0 to 50.0 °C 23.0 to 122.0 °F	-5.0 to 50.0 °C 23.0 to 122.0 °F	0.0 to 40.0 °C 32.0 to 104.0 °F	0.0 to 40.0 °C 32.0 to 104.0 °F	0.0 to 40.0 °C 32.0 to 104.0 °F
Materials	Tip	Glass	—	Polymeric Liquid Membrane	Solid State AgCl Pellet	Polymeric Liquid Membrane
	Junction	Wick	—	—	—	—
	Body	PEI	Body: ABS/EPOXY	PEI	PEI	PEI
	Electrolyte	Gel	—	—	—	—
Maintenance solution		HI70300 Storage solution	—	—	—	—
Reference		Double junction	—	—	—	—
Immersion depth		20 m (66')	20 m (66')	5 m (16')	5 m (16')	5 m (16')
Dimensions		Length 118 mm (4.6") Diameter 15 mm (0.6")	111 x 17 mm	Length 118 mm (4.6") Diameter 15 mm (0.6")	Length 118 mm (4.6") Diameter 15 mm (0.6")	Length 118 mm (4.6") Diameter 15 mm (0.6")

Specifications:

HI98394 specifications

pH/mV	Range	0.00 to 14.00 pH ±600.0 mV	Total dissolved solids (TDS)	Range	0 to 400000 ppm (mg/L) Maximum value depends on the TDS factor
	Resolution	0.01 pH 0.1 mV		Resolution	<ul style="list-style-type: none"> Manual 1 ppm (mg/L) 0.001 ppt (g/L); 0.01 ppt (g/L); 0.1 ppt (g/L); 1 ppt (g/L) Automatic 1 ppm (mg/L) from 0 to 9999 ppm (mg/L) 0.01 ppt (g/L) from 10.00 to 99.99 ppt (g/L) 0.1 ppt (g/L) from 100.0 to 400.0 ppt (g/L) Automatic: ppt (g/L) 0.001 ppt (g/L) from 0.000 to 9.999 ppt (g/L) 0.01 ppt (g/L) from 10.00 to 99.99 ppt (g/L) 0.1 ppt (g/L) from 100.0 to 400.0 ppt (g/L)
	Accuracy*	±0.05 pH ±3.0 mV		Accuracy (@25°C/77°F)	±1 % of reading or ±1 ppm (mg/L), whichever is greater
	Calibration	<ul style="list-style-type: none"> One point, using HI9828-20 Quick calibration standard solution Up to three points, using pH 4.01, pH 6.86, pH 7.01, pH 9.18, pH 10.01 standard buffers and one custom buffer 		Calibration	Based on conductivity or salinity calibration
ORP	Range	±2000.0 mV	Salinity	Range	0.00 to 70.00 PSU
	Resolution	0.1 mV		Resolution	0.01 PSU
	Accuracy*	±10.0 mV		Accuracy	±2% of reading or ±0.01 PSU, whichever is greater
	Calibration	Automatic at one custom point (relative mV)		Calibration	One point, using a custom solution
Dissolved oxygen (DO)	Range	0.0 to 500.0 % saturation 0.00 to 50.00 ppm (mg/L)	Seawater sigma	Range	0.0 to 50.0 σ _t , σ ₀ , σ ₁₅
	Resolution	0.1 % saturation 0.01 ppm (mg/L)		Resolution	0.1 σ _t , σ ₀ , σ ₁₅
	Accuracy	<ul style="list-style-type: none"> 0.0 to 300.0 %: ±1.5 % of reading or ±1.0 % whichever is greater; 300.0 to 500.0 %: ±3 % of reading; 0.00 to 30.00 ppm (mg/L): ±1.5 % of reading or ±0.10 ppm (mg/L) whichever is greater; 30.00 ppm (mg/L) to 50.00 ppm (mg/L): ±3 % of reading 		Accuracy	±1.0 σ _t , σ ₀ , σ ₁₅
	Calibration	<ul style="list-style-type: none"> One point, quick calibration in water-saturated air One or two points, at 100 % and 0 % One point, using a custom solution (% saturation or mg/L) 		Calibration	Based on conductivity or salinity calibration
Conductivity	Range	0 to 200 mS/cm 0 to 400 mS/cm (absolute)	Turbidity	Range	0.0 to 99.9 FNU 100 to 1000 FNU
	Resolution	<ul style="list-style-type: none"> Manual 1 μS/cm 0.001 mS/cm; 0.01 mS/cm; 0.1 mS/cm; 1 mS/cm Automatic 1 μS/cm from 0 to 9999 μS/cm 0.01 mS/cm from 10.00 to 99.99 mS/cm 0.1 mS/cm from 100.0 to 400.0 mS/cm Automatic (mS/cm) 0.001 mS/cm from 0.000 to 9.999 mS/cm 0.01 mS/cm from 10.00 to 99.99 mS/cm 0.1 mS/cm from 100.0 to 400.0 mS/cm 		Resolution	0.1 FNU from 0.0 to 99.9 FNU 1 FNU from 100 to 1000 FNU
	Accuracy*	±1 % of reading or ±1 μS/cm, whichever is greater		Accuracy*	±0.3 FNU or ±2 % of reading, whichever is greater
	Calibration	<ul style="list-style-type: none"> One point, using HI9828-20 Quick calibration standard solution One point, using 84 μS/cm, 1413 μS/cm, 5.00 mS/cm, 12.88 mS/cm, 80.0 mS/cm, 111.8 mS/cm standard solutions or custom point 		Calibration	Automatic Up to three points, using 0 FNU, 20 FNU, 200 FNU, or custom
Resistivity	Range	0 to 999999 Ω-cm 0 to 1000.0 kΩ-cm 0 to 1.0000 MΩ-cm	Atmospheric pressure	Range	450.0 to 850.0 mmHg 17.72 to 33.46 inHg 600.0 to 1133.2 mbar 8.702 to 16.436 psi 0.5921 to 1.1184 atm 60.00 to 113.32 kPa
	Resolution	1 Ω-cm 0.1 kΩ-cm 0.0001 MΩ-cm		Resolution	0.1 mmHg 0.01 inHg 0.1 mbar 0.001 psi 0.0001 atm 0.01 kPa
	Calibration	Based on conductivity calibration		Accuracy	±3.0 mmHg within ±15 °C from calibration temperature
				Calibration	Automatic at one custom point
Ammonium-Nitrogen	Range	0.02 to 200.0 ppm Am (as NH ₄ ⁺ -N)		Range	0.02 to 200.0 ppm Am (as NH ₄ ⁺ -N)
	Resolution	0.01 ppm to 1.00 ppm 0.1 ppm to 200.0 ppm		Resolution	0.01 ppm to 1.00 ppm 0.1 ppm to 200.0 ppm
	Accuracy	±5 % of reading or 2 ppm, whichever is greater		Accuracy	±5 % of reading or 2 ppm, whichever is greater
	Calibration	1 or 2 point 10 ppm and 100 ppm		Calibration	1 or 2 point 10 ppm and 100 ppm

* Accuracy is evaluated with a calibrated system at ambient temperature.

HI98394 specifications continued

Chloride	Range	0.60 to 200.0 ppm Cl (as Cl ⁻)
	Resolution	0.01 ppm to 1 ppm 0.1 ppm to 200.0 ppm
	Accuracy	±5 % of reading or 2 ppm, whichever is greater
	Calibration	1 or 2 point 10 ppm and 100 ppm
Nitrate-Nitrogen	Range	0.62 to 200.0 ppm N (as NO ₃ ⁻ -N)
	Resolution	0.01 ppm to 1 ppm 0.1 ppm to 200 ppm
	Accuracy	±5 % of reading or 2 ppm, whichever is greater
	Calibration	1 or 2 point 10 ppm and 100 ppm
Temperature	Range	-5.00 to 55.00 °C 23.00 to 131.00 °F 268.15 to 328.15 K
	Resolution	0.01 °C 0.01 °F 0.01 K
	Accuracy	±0.15 °C ±0.27 °F ±0.15 K
	Calibration	Automatic at one custom point
Additional specifications	Temperature compensation	Automatic -5 to 55°C 23 to 131 °F 268.15 to 328.15 K
	Logging memory	<ul style="list-style-type: none"> Interval logging: 50000 total records (meter and probe) Log-on-demand (all parameters): 15000 total records (meter and probe)
	Logging interval	1 second to 3 hours
	USB-C (host) functions	Mass-storage host
	USB-C (device) functions	Mass-storage device
	Protection rating	IP67
	Environment	0 to 50 °C (32 to 122 °F) RH 100 %
	Battery type	4×1.5 V AA alkaline batteries
	Battery life	Meter with no probe, GPS offline: 500 hours Meter with no probe, GPS online: 110 hours Meter with pH/ORP/DO/Turbidity sensors installed, GPS offline: 100 hours Meter with pH/ORP/DO/EC sensors installed, GPS offline: 150 hours Meter with pH/ORP/DO/Turbidity sensors installed, GPS online: 50 hours Meter with pH/ORP/DO/EC sensors installed, GPS online: 70 hours
	GPS	12 channel receiver 10 m (30 ft) range
	Dimensions	185×93×35.2 mm (7.3×3.6×1.4")
	Weight (with batteries)	435 g (13.3 oz)

HI7698394 specifications

Sensor inputs	pH; pH / ORP EC / Turbidity; EC Dissolved Oxygen
Sample environment	Fresh, brackish, seawater
Protection rating	IP68
Internal battery type	4×1.5V size AA Alkaline batteries
Typical battery life	Interval logging, all channels (no averaging) 1-5 seconds interval » 72 hours 1 minute interval » 22 days 10 minutes interval » 70 days
Memory	Interval logging 50000 records (meter and probe) Log-on-demand (all parameters) 15000 records (meter and probe logs)
Atmospheric pressure box	HI76983948
Operating temperature	-5.0 to 50.0 °C 23.0 to 122.0 °F
Storage temperature	-20.0 to 70.0 °C -4.0 to 158.0 °F
Immersion depth	20 m (66')
Dimensions (without cable)	Length: 442 mm (17.4") Diameter: 46 mm (1.8")
Weight (with batteries and sensors)	775 g (27.3 oz.)
Cable specification	Multistrand-multiconductor shielded cable with internal strength member rated for 90 kg (200 lbs.) intermittent use
Wetted materials	Body ABS Threads Nylon Shield ABS and 316 stainless steel Temperature probe 316 stainless steel O-rings EPDM (ethylene propylene diene monomer)

Atmospheric pressure box

Connect the HI76983948 atmospheric pressure box to the autonomously logging sensor's quick connect DIN for accurate atmospheric pressure measurement. This box cannot be submerged.



Ordering

Ordering information

HI98394 meter + autonomously logging multisensor probe with 4 m (13.1') cable

HI98394/10 meter + autonomously logging multisensor probe with 10 m (33.0') cable

HI98394/20 meter + autonomously logging multisensor probe with 20 m (65.6') cable

HI98394/30 meter + autonomously logging multisensor probe with 30 m (98.4') cable

HI98394/40 meter + autonomously logging multisensor probe with 40 m (131.2') cable

HI98394/50 meter + autonomously logging multisensor probe with 50 m (164') cable

What's included:

- HI7698394/4 Autonomously logging multisensor probe
- HI76983948 Atmospheric pressure box
- Probe connector protection cover
- 1.5V AA alkaline batteries (8 pcs.)
- HI7698194-1 pH / ORP sensor (pre-installed on the probe)
- HI7698594-4 EC / Turbidity sensor (pre-installed on the probe)
- HI7698194-2 Galvanic DO sensor (pre-installed on the probe)
- HI7698296 Long protective probe shield
- HI7698293 Long calibration beaker
- HI9828-20 Quick calibration standard solution (230 mL)
- HI9829-16 0 FNU calibration solution (230 mL)
- HI9829-17 20 FNU calibration solution (230 mL)
- HI9829-18 200 FNU calibration solution (230 mL)
- HI710036 Protective rubber boot (fitted on meter)
- HI920019 USB-C to USB-C cable
- Probe maintenance kit
 - Includes: DO galvanic membranes, o-rings for DO sensor, o-rings for probe, electrolyte solution for DO sensor, 5 mL syringe, scouring pad, sensor-socket protection*, hex key, small brush, sachet with silicone grease
- Instrument quality certificate
- Sensors and probe quality certificates
- Quick reference with QR code for manual download

Warranty

2 Years meter
6 months sensors and probes

Accessories

Probes

HI7698394/4 Autonomously logging multisensor probe with 4 m (13.1') cable

HI7698394/10 Autonomously logging multisensor probe with 10 m (33.0') cable

HI7698394/20 Autonomously logging multisensor probe with 20 m (65.6') cable

HI7698394/30 Autonomously logging multisensor probe with 30 m (98.4') cable

HI7698394/40 Autonomously logging multisensor probe with 40 m (131.2') cable

HI7698394/50 Autonomously logging multisensor probe with 50 m (164') cable

Sensors

HI7698194-0 pH sensor

HI7698194-1 pH / ORP sensor

HI7698194-2 Galvanic DO sensor

HI7698594-3 EC sensor

HI7698594-4 EC / Turbidity sensor

HI7609829-10 Ammonium ISE

HI7609829-11 Chloride ISE

HI7609829-12 Nitrate ISE

Quick calibration solutions

HI9828-20 Quick calibration solution, 230 mL

HI9828-25 Quick calibration solution, 500 mL

HI9828-27 Quick calibration solution, 1 gallon (3.78 Liters)

pH solutions

HI5004 pH 4.01 buffer solution, 500 mL

HI5068 pH 6.86 buffer solution, 500 mL

HI5007 pH 7.01 buffer solution, 500 mL

HI5091 pH 9.18 buffer solution, 500 mL

HI5010 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

pH and ORP electrode maintenance solutions

HI70670L pH / ORP cleaning solution for salt deposits, 500 mL

HI70671L pH / ORP cleaning and disinfecting solution for algae, fungi and bacteria, 500 mL

HI70300L pH / ORP electrode storage solution, 500 mL

Dissolved oxygen solutions

HI7040L Zero oxygen solution set, 500 mL + 12 g

HI7042S Electrolyte solution for DO sensor, 30 mL

HI76409A/P Spare membrane with O-ring (5 pcs.)

Conductivity solutions

HI7030L 12880 μ S/cm calibration solution, 500 mL

HI7031L 1413 μ S/cm calibration solution, 500 mL

HI7033L 84 μ S/cm calibration solution, 500 mL

HI7034L 80000 μ S/cm calibration solution, 500 mL

HI7035L 111800 μ S/cm calibration solution, 500 mL

HI7039L 5000 μ S/cm calibration solution, 500 mL

Turbidity solutions

HI9829-16 0 FNU calibration solution, 230 mL

HI9829-17 20 FNU calibration solution, 230 mL

HI9829-18 200 FNU calibration solution, 230 mL

ISE solutions

HI9829-10 10 ppm ammonium (as N) standard for HI7609829-10, 25 x 20 mL sachet

HI9829-11 100 ppm ammonium (as N) standard for HI7609829-10, 25 x 20 mL sachet

HI9829-12 10 ppm chloride standard for HI7609829-11, 25 x 20 mL sachet

HI9829-13 100 ppm chloride standard for HI7609829-11, 25 x 20 mL sachet

HI9829-14 10 ppm nitrate (as N) standard for HI7609829-12, 25 x 20 mL sachet

HI9829-15 100 ppm nitrate (as N) standard for HI7609829-12, 25 x 20 mL sachet

Other

HI76983948 Atmospheric pressure box for HI98394

HI740275 Protective cap for HI7698394 probe (5 pcs.)

HI7698290 Short calibration beaker

HI7698293 Long calibration beaker

HI7698295 Short protective shield

HI7698296 Long protective shield

HI7698297 Long, quick release flow cell

HI7698292 Probe maintenance kit with HI7042S (electrolyte solution for DO sensor), small brush, o-rings for DO sensor (5 pcs.), o-rings for probe (5 pcs.), 6 g sachet with silicone grease to lubricate the o-rings, syringe

HI920019 USB-C to USB-C cable

HI710034 Orange protective rubber boot for meter

HI710035 Blue protective rubber boot for meter

HI710036 Black protective rubber boot for meter