

Waterproof Dissolved Oxygen Meter | HI-98193



water resistant



battery powered



interchangeable electrode



DIN connection



replaceable electrode

portable waterproof meter with benchtop performance plus new quick connect probe

IP67 extended range



The HI-98193 combines all the features of a professional benchtop instrument into a portable meter with an IP67 waterproof rating.

Designed to deliver professional grade analysis for dissolved oxygen, it offers extended ranges of up to 50ppm and 600% saturation. Compensations for salinity, temperature and pressure are included to improve the accuracy and precision of the readings.

Thanks to an internal barometer the HI-98193 is also able to compensate for changes in barometric pressure eliminating the need for charts, altitude information or external barometric pressure information.

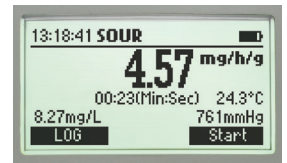
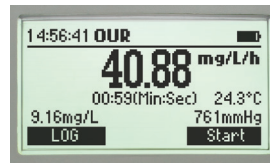
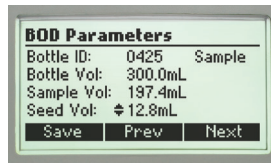
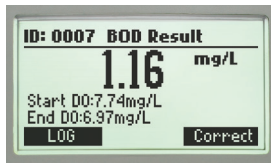
Completing the package, useful features also include measurement, methods and calculations for BOD, OUR and SOUR.

The HI-98193 comes complete with a rugged, custom carrying case to hold the meter and its accessories ready and in place to use out on location.



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Key features



- Display units in % saturation or mg/L (ppm)
- Built-in calculations with determination of Biochemical Oxygen Demand (BOD), Oxygen Uptake Rate (OUR) and Specific Oxygen Uptake Rate (SOUR)
- Salinity compensation with ability for users to set the value
- Pressure compensation using built-in barometer with user-selectable units (mmHg, inHg, atm, psi, kPa, mbar)
- Automatic polarisation of probe at startup
- Ready-to-use PTFE pre-formed membrane caps
- Approx 200 hour battery life

Compensations for salinity, temperature and pressure are essential to improve the accuracy and precision of readings.

- Salinity compensation allows for direct determination of dissolved oxygen in saline waters.
- Temperature compensation is automatic with the probe's built-in sensor featuring one or two-point calibration.
- The built-in barometer delivers pressure compensation which can be validated against a reference barometer. If required this can be recalibrated in user selectable units (mmHg, inHg, atm, psi, kPa, mbar).



A great set of benefits



Quick connect probe

Using the meter out in the field has never been easier. Featuring a new quick connect DIN connector, it is now quicker than ever to fit or remove the polarographic dissolved oxygen probe.

Data Logging

A useful log-on demand feature allows users to store up to 400 samples that can be transferred later to PC using Hanna HI-920015 USB cable and HI-92000 software.

User friendly

- A backlit, graphic LCD provides easy to read resolution even in a low-lit environment
- Dedicated and soft keys allow for intuitive operation in a choice of languages.
- Extended battery life

GLP and On-Screen Help

- Comprehensive GLP data is directly accessible via the GLP key
- Contextual help menu offers on-screen information and assistance at the touch of a button

AutoHold

- Pressing AutoHold during measurement will automatically hold the first stable reading on the display

Enhanced Calibration

Easy to engage Out of Range calibration warning keeps the user informed of current calibration to avoid taking measurements that are out of range.





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Pricing on any accessories shown can be found by keying the part number into the search box on our website.

The specifications listed in this brochure are subject to change by the manufacturer and therefore cannot be guaranteed to be correct. If there are aspects of the specification that must be guaranteed, please provide these to our sales team so that details can be confirmed.

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Please contact us if this literature doesn't answer all your questions.