

# 9500

## Bench Dissolved Oxygen Meter

The 9500 is a research meter designed for use in a number of applications including fish farming/breeding, all forms of aquaculture, environmental analysis, pollution control and effluent management. The 9500 includes powerful data logging capabilities with the ability to store 250 DO<sub>2</sub> readings either manually, at timed intervals or on alarmed events. The 9500 also includes full support for the B.O.D<sub>5</sub> day test protocol and has the ability to store up to 20 B.O.D data sets, each with up to 10 samples.

### Technical Specification

#### DO<sub>2</sub>

Range	0 to 199% 0 to 25.0% 0 to 19.99mg/l
Resolution	1%, 0.1%, 0.01mg/l
Accuracy	±2% within 10°C of calibration temperature

#### Temperature

Range	-10 to 60°C
Resolution	0.1°C
Accuracy	±0.5°C
ATC/Manual	0 to 60°C

#### Other

Data Logging	250 readings storage and 20 B.O.D sets (10 samples per set)
Clock	24 hour, hrs/min/sec or day/month/year, leap year corrected
GLP	Calibration reminder Alarm outputs Security code protected user data
Outputs	Analogue, RS232 and IrDA
Connector	7-pin DIN
Power	9V AC ±10% @ 50/60Hz*
Size (l x w x d), mm	210 x 250 x 55
Weight, g	850

\* Voltage variants available see page 94

### Ordering Information

Part Code	Description
950 001	9500 dissolved oxygen meter supplied with DO <sub>2</sub> probe with ATC (522 023B), electrode holder (903 300), spare membranes, KCl fill solution, zero calibration salts, adapter bush and UK power supply (021 030)

### Key Features

- Results as % air saturation, % oxygen or mg/l
- Automatic zeroing and calibration
- Atmospheric pressure and salinity correction
- B.O.D<sub>5</sub> measurement and calculation
- RS232 for connection to printer or PC and IrDA for cableless printing option



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Part code: 950 001





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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.