

# 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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