

WATERPROOF DISSOLVED OXYGEN METERS

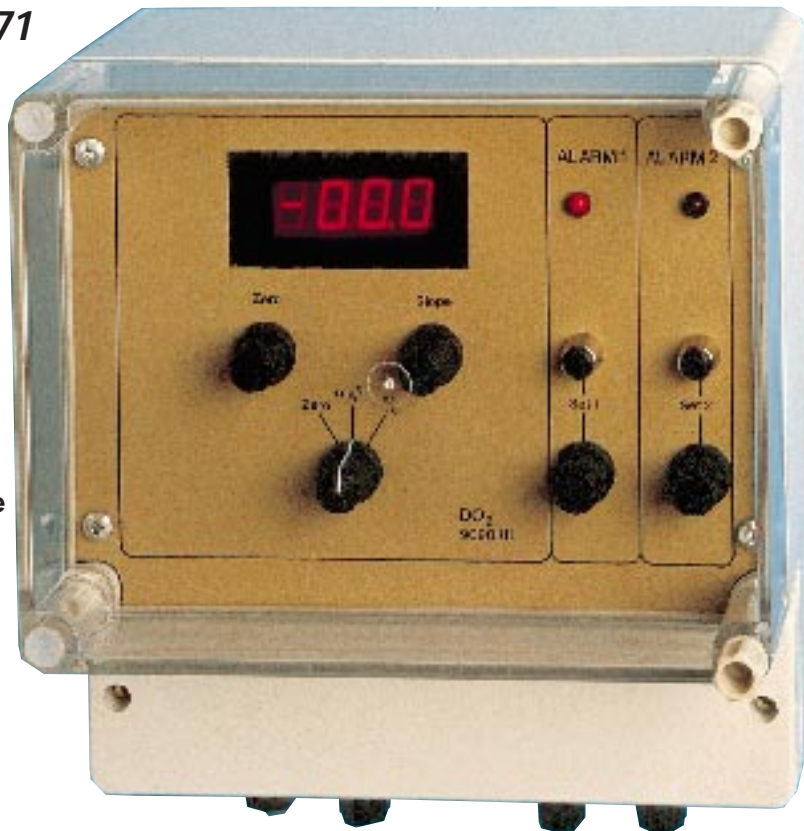
PHDG-70 and PHDG-71



PHDG-70

\$940
Basic Unit

- ✓ Measures Dissolved Oxygen in % and mg/L
- ✓ Automatic Temperature Compensation
- ✓ Includes Probe with Removable Membrane and 3 m (10') Cable
- ✓ Available with Optional Alarms
- ✓ 4-20 mA Recorder Output



The PHDG-70 and PHDG-71 waterproof dissolved oxygen meters have been designed for use in damp environments and are waterproofed to IP54 standard. Perfect for monitoring oxygen levels in processes, fish farms or for BOD measurements, the PHDG-70 and PHDG-71 come complete with membrane-type oxygen sensor that is temperature compensated over the range of 0 to 40°C (32 to 104°F). Measurements in percent or mg/L. The sensor features screw-on pretensioned membranes to ensure repeatability of results. To record gas uptake, the 4 to 20 mA output can be used to drive a recorder. The PHDG-71 has a built-in alarm system consisting of two totally independent alarm points, each having its own relay and front panel indicator. To provide a fail-safe backup in the event of a power failure, the relays are energized below setpoint.

SPECIFICATIONS

Ranges: 0 to 200%, 0 to 19.9 mg/L

Resolution: 1%, 0.1 mg/L

Accuracy: For % and mg/L ±2% F.S. within ±10°C (18°F) of calibration temperature

Automatic Temperature

Compensation: 0 to 40°C (32 to 104°F)

Alarm Relays:

Two each, rated at 240 V/2 A

Voltage: 110/240 Vac (user switchable)

Connections: Stripped leads

Oxygen Sensor: In line (standard), ½" NPT, 155 mm (6.1") length, 3 m (10') cable, max. pressure: 28 psi

Dimensions: 226 H x 221 W x 125 mm D (8.9 x 8.7 x 4.9")

Weight: 2.2 kg (4.8 lb)

To Order (Specify Model Number)

Model No.	Price	Description
PHDG-70	\$940	Waterproof dissolved oxygen meter with dissolved oxygen sensor
PHDG-71	1199	Waterproof dissolved oxygen meter with dual alarm relays (includes sensor)

Each unit supplied with in-line sensor with 3 m (10') cable, 2 spare membranes, filling solution, dial pocket thermometer and operator's manual.

Ordering Example: PHDG-71, waterproof dissolved oxygen meter with dual 2A relays, \$1199.

Accessories

Model No.	Price	Description
PHDG-702	\$295	Replacement dissolved oxygen probe
PHAC-71A	74	Replacement membranes and electrolyte



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• pH and Conductivity

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