



Splashproof, Portable Dissolved Oxygen Meter

DOH-247-KIT



- ✓ Microprocessor-Based
- ✓ Recorder Output Standard
- ✓ Splashproof Case Design

The DOH-247-KIT is comprised of a compact, splashproof dissolved oxygen meter and a polarographic dissolved oxygen probe with automatic temperature compensation for field or laboratory applications. The unit measures dissolved oxygen in ppm and percent saturation, temperature in degrees Celsius, and uncalibrated raw signals in μA . The μA signal allows the user to monitor the condition of the probe membrane. This can help determine if the membrane has become clogged and needs to be replaced.

The DOH-247-KIT is microprocessor-based, allowing quick changes from mode to mode by simply pressing the keypad. In addition, the unit has a recorder output of ± 200 mV, corresponding to the mode of operation. The DOH-247-KIT is supplied with dissolved oxygen probe, 2 replacement membranes, electrolytic filling solution, stirrer bar and guard shield assembly for laboratory measurements, and a hard protective carrying case.



DOH-247-KIT shown smaller than actual size.



Kit includes dissolved oxygen meter and probe, 2 replacement membranes, electrolytic filling solution, stirrer bar and guard shield assembly, battery and complete operator's manual.

Specifications

Range and Resolution:

0 to 199.9% saturation; 0 to 19.9 ppm

Accuracy: $\pm 2\%$ saturation; ± 0.2 ppm (within $\pm 10^\circ C$ ($18^\circ F$) of calibration temperature)

Temperature Range: -5 to $50^\circ C$ (23 to $122^\circ F$)

Resolution: $0.1^\circ C$

Temperature Accuracy: $\pm 0.5^\circ C$ ($\pm 0.9^\circ F$)

Automatic Temperature Compensation: 0 to $50^\circ C$ (32 to $122^\circ F$)

Recorder Output: ± 200 mV (corresponding to mode of operation)

Display Size: 12.7 mm (0.5" LCD)

Power: 9 V battery (included)

Instrument Size: 145 L x 80 W x 39 D mm ($5.7 \times 3.1 \times 1.5$ ")

Instrument Weight: 1 kg (2.2 lb)

To Order

Model No.	Description
DOH-247-KIT	Dissolved oxygen meter, dissolved oxygen probe, 2 replacement membranes, electrolytic filling solution, stirrer bar and guard shield assembly
PHOX-247	Replacement dissolved oxygen probe
PHAC-247	Pack of 5 replacement membranes

Comes complete with battery and operator's manual.

Ordering Example: DOH-247-KIT, dissolved oxygen meter and accessories, and PHAC-247, replacement membranes.