



# DISSOLVED OXYGEN INSTRUMENTATION



## Splashproof, Portable Dissolved Oxygen Meter

DOH-247-KIT  
**\$1340**



- ✓ 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  $\mu\text{A}$ . The  $\mu\text{A}$  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  $\pm 200$  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, \$1340, 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;  $\pm 0.2$  ppm (within  $\pm 10^\circ\text{C}$  ( $18^\circ\text{F}$ ) of calibration temperature)  
**Temperature Range:**  $-5$  to  $50^\circ\text{C}$  ( $23$  to  $122^\circ\text{F}$ )  
**Resolution:**  $0.1^\circ\text{C}$   
**Temperature Accuracy:**  $\pm 0.5^\circ\text{C}$  ( $\pm 0.9^\circ\text{F}$ )

**Automatic Temperature Compensation:**  
0 to  $50^\circ\text{C}$  ( $32$  to  $122^\circ\text{F}$ )  
**Recorder Output:**  $\pm 200$  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 x 3.1 x 1.5")  
**Instrument Weight:** 1 kg (2.2 lb)

**AVAILABLE FOR FAST DELIVERY!**

### To Order (Specify Model Number)

Model No.	Price	Description
DOH-247-KIT	\$1340	Dissolved oxygen meter, dissolved oxygen probe, 2 replacement membranes, electrolytic filling solution, stirrer bar and guard shield assembly
PHOX-247	380	Replacement dissolved oxygen probe
PHAC-247	100	Pack of 5 replacement membranes
FW-300	100	Reference Book: Water Wells and Septic Systems Handbook

Also includes battery and complete operator's manual.

**Ordering Example:** DOH-247-KIT, dissolved oxygen meter and accessories, and PHAC-247, replacement membranes,  $\$1340 + 100 = \$1440$ .





#### UNITED STATES

[www.omega.com](http://www.omega.com)  
1-800-TC-OMEGA  
Stamford, CT.

#### CANADA

[www.omega.ca](http://www.omega.ca)  
Laval(Quebec)  
1-800-TC-OMEGA

#### GERMANY

[www.omega.de](http://www.omega.de)  
Deckenpfronn, Germany  
0800-8266342

#### UNITED KINGDOM

[www.omega.co.uk](http://www.omega.co.uk)  
Manchester, England  
0800-488-488

#### FRANCE

[www.omega.fr](http://www.omega.fr)  
Guyancourt, France  
088-466-342

#### CZECH REPUBLIC

[www.omegaeng.cz](http://www.omegaeng.cz)  
Karviná, Czech Republic  
596-311-899

#### BENELUX

[www.omega.nl](http://www.omega.nl)  
Amstelveen, NL  
0800-099-33-44



## More than 100,000 Products Available!

### • Temperature

Calibrators, Connectors, General Test and Measurement Instruments, Glass Bulb Thermometers, Handheld Instruments for Temperature Measurement, Ice Point References, Indicating Labels, Crayons, Cements and Lacquers, Infrared Temperature Measurement Instruments, Recorders Relative Humidity Measurement Instruments, RTD Probes, Elements and Assemblies, Temperature & Process Meters, Timers and Counters, Temperature and Process Controllers and Power Switching Devices, Thermistor Elements, Probes and Assemblies, Thermocouples Thermowells and Head and Well Assemblies, Transmitters, Wire

### • Flow and Level

Air Velocity Indicators, Doppler Flowmeters, Level Measurement, Magnetic Flowmeters, Mass Flowmeters, Pitot Tubes, Pumps, Rotameters, Turbine and Paddle Wheel Flowmeters, Ultrasonic Flowmeters, Valves, Variable Area Flowmeters, Vortex Shedding Flowmeters

### • pH and Conductivity

Conductivity Instrumentation, Dissolved Oxygen Instrumentation, Environmental Instrumentation, pH Electrodes and Instruments, Water and Soil Analysis Instrumentation

### • Data Acquisition

Auto-Dialers and Alarm Monitoring Systems, Communication Products and Converters, Data Acquisition and Analysis Software, Data Loggers Plug-in Cards, Signal Conditioners, USB, RS232, RS485 and Parallel Port Data Acquisition Systems, Wireless Transmitters and Receivers

### • Pressure, Strain and Force

Displacement Transducers, Dynamic Measurement Force Sensors, Instrumentation for Pressure and Strain Measurements, Load Cells, Pressure Gauges, Pressure Reference Section, Pressure Switches, Pressure Transducers, Proximity Transducers, Regulators, Strain Gages, Torque Transducers, Valves

### • Heaters

Band Heaters, Cartridge Heaters, Circulation Heaters, Comfort Heaters, Controllers, Meters and Switching Devices, Flexible Heaters, General Test and Measurement Instruments, Heater Hook-up Wire, Heating Cable Systems, Immersion Heaters, Process Air and Duct, Heaters, Radiant Heaters, Strip Heaters, Tubular Heaters