

LAB TESTING Oxygen

YSI MultiLab 1-Channel Meters & BOD/OBOD Probes

- Flexible and economical way to measure BOD

MultiLab 1-channel meters offer flexible options for measuring BOD/OBOD—they're compatible with a variety of probes to meet your needs. Meters feature YSI's AutoRead functionality, which constantly evaluates measurement stability for reproducible results. View readings on the large, easy-to-read backlit graphic display. Save data sets manually or automatically based on user-defined time intervals. Meters also feature an antimicrobial keypad.

Use the MultiLab with your choice of self-stirring BOD probes. **Digital probes** store and communicate probe type and calibration information to the meter. **Digital OBOD probes** use optical technology that is resistant to H₂S interference, requires no warm-up time and is low maintenance (sensor life is 1+ year). **Digital polarographic BOD probes** employ well-known membrane technology and include a 5908 membrane kit.

You can also use the popular analog **YSI 5010 stirring BOD probe** with the MultiLab by adding the **4011 adapter**. The 5010 includes a 5906 membrane kit.

Meters include: universal power supply, electrode stand, manual, software and USB cable. Order probes separately. 3-year meter warranty.

Note: These meters also measure pH and conductivity; see page 747 for more information.

Upgrade your
YSI 5000!



Dissolved oxygen

Range: 0 to 50 mg/L; 0 to 500% air saturation
Resolution: 0.01 mg/L; 0.1%
Accuracy: ±0.1 mg/L or ±1% of reading (0 to 20 mg/L); ±10 mg/L or ±10% of reading (20 to 50 mg/L)

Temperature

Range: 0 to 100°C (32 to 212°F)
Resolution: 0.1°
Accuracy: ±0.2°C or °F

Winkler calibration capable: yes

Barometric compensation: automatic

Salinity compensation: manual

Temperature compensation: automatic

Ready indicator: yes

Memory function: 500 data points manual mode; 5000 data points automatic mode

Data output: USB

MFR #	DESCRIPTION	STOCK #	EACH
1FD350Y	1-Channel MultiLab Meter, 4010-1W	18145	\$
SELF-STIRRING BOD PROBES			
626500	Self-Stirring OBOD Probe (Optical, Digital)	18152	\$
300310	Self-Stirring BOD Probe (Polarographic, Digital)	87778	
050102	5010 Self-Stirring BOD Probe (Polarographic, Analog)	72318*	
REPLACEMENT ITEMS & ACCESSORIES			
626482	Replacement Sensor Cap for OBOD Probe	37697	\$
605306	5908 Membrane Kit (6 Membrane Caps, 1 Bottle of Fill Solution) for Stock # 87778	40148	
059880	5906 Membrane Kit (6 Membrane Caps, 1 Bottle of Fill Solution) for Stock # 72318	40134	
902873Y	4011 Adapter (Connects to YSI 5010 BOD Probe)	87786	

*Requires 4011 Adapter (stock # 87786).

We also RECOMMEND...

Wheaton® 300-mL BOD Bottles

- Recommended for the 5-day BOD test

Bottles feature flared mouth, sloped shoulders and large marking spot.

Includes: glass stopper.



DESCRIPTION	STOCK #	EACH
Clear Bottle, Unnumbered, Each	34970	\$
Clear Bottle, Unnumbered, Case of 24	34969	

See page 621 for our full selection of BOD bottles.



SHEL LAB Compact BOD Incubators

- Compact and economical—ideal for small labs



This space saving BOD incubator can sit on the floor or on top of your bench. Forced air circulation and microprocessor-based PID control ensure stable and uniform temperature throughout the chamber. LED displays both setpoint and chamber temperature. Additional features include over-temperature protection and an interior electrical outlet that can handle a 1A load.

Incubator includes: two adjustable shelves to accommodate up to 62 BOD bottles and a 5-ft long cord with 3-prong plug for 115-VAC operation. 2-year warranty. **Preventive maintenance kit includes:** circulation motor, compressor cooling motor and exterior door gasket.

Shipping: Ships motor freight.



MFR #	DESCRIPTION	STOCK #	EACH
SRI3	Compact BOD Incubator	28470	\$
9900917	Maintenance Kit	87731	



See page 671 for full specifications.



We have MORE! See pages 671-677