

YSI MultiLab Multi-Channel Meters & BOD/OBOD Probes

- Use optical or membrane DO technology for flexibility in your lab
- Take up to 3 BOD readings simultaneously
- Save money and space—measure multiple parameters with one meter (requires use of multiple probes)

MultiLab meters offer extraordinary flexibility for measuring BOD, as well as DO, pH, ISE and conductivity. Choose from 2- or 3-channel meters and a variety of BOD/OBOD probes to suit your needs. All meters feature YSI's AutoRead functionality, which constantly evaluates measurement stability for reproducible results. Their large color graphic display shows readings for either all channels at once or one channel at a time.

Meters calculate oxygen uptake rate (OUR) and specific oxygen uptake rate (SOUR) to simplify compliance with EPA 503 regulations and provide useful tools for plant optimization. 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 stirring BOD probes. **Digital probes** store and communicate probe type and calibration information to the meter. **OBOD probes** use optical technology to measure DO. They require no warm-up time and are low maintenance (sensor life is 1+ year). **Digital polarographic BOD probes** use polarographic membrane technology.

You can also use the popular YSI 5010 stirring BOD probe with the MultiLab by adding the **4011 adapter**. Connect the **stirrer adapter** to your meter to power up to three BOD stirrers and take up to three BOD measurements at once. See pages 780-781 for information about measuring pH/ORP/ISE and conductivity with these meters.

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



Stirrer adapter powers up to 3 stirring BOD probes at once.



Available in 2- or 3-channel options—measure multiple parameters at the same time!



MFR #	DESCRIPTION	STOCK #	EACH
MULTILAB METERS			
1FD560Y	2-Channel MultiLab Meter, 4010-2W	87769	\$
1FD570Y	3-Channel MultiLab Meter, 4010-3W	87770	
BOD PROBES			
626500	Self-Stirring OBOD (Optical, Digital) Probe	18152	\$
300310	Self-Stirring BOD (Polarographic, Digital) Probe	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	
108160Y	Stirrer Adapter (powers up to three stirring BOD probes)	87787	

* Requires 4011 Adapter (stock # 87786).

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 rdg (0 to 20 mg/L); ±10 mg/L or ±10% of rdg (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; 10,000 data points automatic
Data output:	USB; requires Windows®

We also RECOMMEND...



Hach Glucose Glutamic Acid

Use a standard mixture of GGA to check the accuracy of your BOD results. Save time with pre-made GGA in sealed glass ampules—no refrigeration required!

Hach BOD Voluette® ampules contain 10 mL of 300 mg/L of glucose and glutamic acid standard solution (enough for 4 BOD bottles containing 1, 2, 3 and 4 mL of standard). Single-use **ezGGA no pipette ampules** are convenient; simply crack open and drop it into your bottle—no pipetting or diluting required. Each 2-mL ampule contains 198 mg/L of BOD from glucose plus glutamic acid.

DESCRIPTION	QTY/PACK	# TESTS	STOCK #	PACK
BOD Voluette Ampules	16	64	34433	\$
ezGGA No Pipette Single Dose Ampules	20	20	202121	

