

BOD Meter

LBOD-A10



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BOD Meter LBOD-A10 is a benchtop unit designed to automatically measure B.O.D. (biological oxygen demand) with 0 to 4000 mg/ L measurement range. Simple and safe mercury pressure difference measurement method is applied to prevent poisoning caused by the leakage of the mercury column. Equipped with high end brand mini thermal printer, quickly prints measurement process data, result data. Automatically saves test data on power failure and executes experimental process once power supply is on.

Features

- ✓ Automatic determination of BOD content
- ✓ 7 inch high end full color LCD touch screen display
- ✓ Supports 1 to 6 bottles (samples) at the a time
- ✓ Detects up to 6 samples at one time
- ✓ Intelligent automatic temperature compensation
- ✓ Data curve is drawn automatically without conversion of the BOD concentration value
- ✓ Real time data storage
- ✓ Supports on-line processing of test data
- ✓ User-friendly applications

Application

Used in automatic determination of BOD content in surface water, municipal water, sewage waste water, water testing and quality checking plants and others.

Specification

Model no.	LBOD-A10
Determination range	0 to 35 mg/L, 0 to 70 mg/ L, 0 to 350 mg/L, 0 to 700 mg/L (without dilution)
	0 to 4000 mg/ L (need to dilute) (subsection measurement)
Measurement error	Less or less than 10 %
Sample container/ bottle quantity	1 to 6
Sample container/ bottle Capacity	1000 ml
Measurement Repeatability	≤ 10 %
Measurement Resolution	0.1 mg
Storage space	Test data of 1000 groups
Data record interval	5 to 180 mins adjustable
Measurement period	1 to 30 days adjustable
Display mode	7 inch full color touch LCD screen
Operation mode	Touch Screen Full Graphic Human-Computer Interaction Operation
Print mode	Heat sensitive line type printing
Communication interface	RS232
Power supply	220 V, 50 Hz
Packaging Dimension	500 × 500 × 400 mm
Gross Weight	15 kg
HS code	902780990

Standard Accessories

Accessories no.	Name	Qty.
1	BOD Glass Bottle	6 units
2	BOD Glass Bottle Cover	6 units
3	Mixing Bar	6 units
4	Test cup	6 units
5	pH test strips	1 pack
6	Data cable	7 units
7	Power line 220 V	1 unit