

DW-BOD-573 BOD Analyzer

BOD is a kind of environmental pollution index, which is mainly used to determine the pollution status of organic matter in water body; it can also be used as a basis to evaluate the operation efficiency of sewage treatment plant, so as to find the right treatment method.

The method is based on pressure measurement in a closed system: microorganisms in the sample consume the oxygen and form CO₂. This is absorbed by NaOH, creating a vacuum, which can be read directly as a measured value in mg/l BOD.

General Features

- Measuring principle: differential pressure (manometric)
- BOD value of current tests can be read at all times during or after the period of 5 days.
- BOD range up to 4,000 mg/l can be measured using different sample volumes.

Includes

1. BOD Analyzer base Unit
2. BOD test terminal
3. 6 BOD culture bottles(580ml)
4. Stirrer
5. Chemical cup
6. Culture bottle holder



Specifications

Parameters		BOD ₅
BOD	BOD Range	0-4000mg/L
	Accuracy	Qualified for BOD ₅ accuracy test (Glucose-Glutamic acid standard solution BOD ₅ =180-230mg/L)
Measurement	Measurement days	1-30 days
	Number of sample measurements	≤ 6
	Volume of container	580ml
	Working Temperature	20 ± 1 °C
	Recording interval	6 minutes to 3 hours / time
Data management	Data Storage	10-year BOD 5 result value
Display options	Backlight	Yes
	Date and Time	Yes
General	Power	AC Adapter, 100-240V AC input
	Dimensions	272mm × 185mm × 75mm
	Weight	2400g
	Dimensions (Carton)	490mm × 410mm × 220mm
	Weight (Gross)	8 kg