Electrochemical Instruments and Water Quality Analyzers

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.



BOD-573 BOD Analyzer

General Features

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

Includes

- BOD Analyzer base Unit
- 6 BOD culture bottles(580ml)
- Chemical cup
- BOD test terminal
- Stirrer
- Culture bottle holder

Technical Parameters

Model		BOD-573
Parameters		BOD5
BOD	BOD Range	0-4000mg/L
	Accuracy	Qualified for BOD5 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
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	292mm × 200mm × 83mm
	Weight	2500g
	Dimensions (Carton)	490mm × 410mm × 220mm
	Weight (Gross)	8 kg