

BOD Tester



Features:

- * After manually adding the sample solution to be tested, the machine will automatically determinate BOD content in surface water, municipal sewage and industrial waste water.
- * Measurement of BOD in the water with simple and safe mercury-free pressure difference measurement method to prevent mercury poisoning caused by the leakage of mercury column.
- * Choose a 7-inch high-end full-color LCD touch screen with strong reliability, a clear display control interface, full graphics and human-computer interactive operation to provide customers with the most friendly and convenient operation experience.
- * The data can be stored in real time and the data curve can be drawn automatically, without the conversion of the BOD concentration value directly.
- * The test data can be kept without power, and the data of the unexpected power failure data will be saved automatically, and the experimental process will be carried out automatically after the power supply.
- * Intelligent automatic temperature compensation: When the sample temperature is too high or too low, the instrument can wait for the specified delay time to end before starting the measurement, ensuring that the entire testing process is carried out under an appropriate temperature environment.
- * Support 1-6 water samples at the same time, and can detect up to 6 samples at one time.
- * The training time and measurement range can be flexibly set according to actual test requirements, and the maximum support of 4000mg/L water sample is directly tested.
- * The instrument is equipped with the high-end brand mini-thermal line printer, which can quickly print measurement parameters, process data and result data.
- * Extra-large storage can store not less than 10000 sets of test data details, which can be checked by the date of experiment.
- * Support for the on-line processing of test data, and all stored experimental data can be uploaded to the computer by data line.

Technical Parameters:

Model	BK-BOD02
Measurement Range	0-4000mg/L (Subsection Measurement)
Measurement Error	≤ 10%
Sample Quantity	1-6
Storage Space	Test Data Of 10000 Groups
Data Record Interval	24min~12h(Automatically adjusted according to the measurement cycle)
Measurement Period	1-30 Days Adjustable
Display Mode	7-Inch Full-Color LCD Touch Screen
Operation Mode	Touch Screen Full Graphic Human-Computer Interaction Operation
Printer	Thermal printer
Communication Interface	Standard USB
Power Supply	AC100~240V 50/60Hz
Package Size(L*W*H)	Main instrument: 500*450*350mm; Incubation Bottle: 570*410*350mm
Gross Weight	Main instrument: 13kg; Incubation Bottle: 5kg

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Features:

- * Mercury-free differential pressure method, the experimental process is safe and reliable, and the measurement results are highly accurate.
- * Independent color liquid crystal display, supporting automatic screen-off and one-click wake-up.
- * Each culture bottle operates independently, displays results independently, and is equipped with a large-capacity lithium battery that can be charged independently or charged simultaneously for operation.
- * The measurement results do not require conversion and are directly displayed as BOD concentration. The detection data is automatically printed.
- * The measurement range is wide, with 10 segmented ranges built-in.
- * Automatically generate color data charts, making the detection process more intuitive and clear.
- * Automatically record data, making it convenient to view current and historical data in real time.

Technical Parameters:

Model	BK-BOD804	BK-BOD806	BK-BOD804S	BK-BOD806S
Samples Quantity	4 pieces/batch	6 pieces/batch	4 pieces/batch	6 pieces/batch
Test Head Color	Yellow/ blue/ green(Default color: Yellow)			
Main Display	Color independent display screen	5-inch color touch screen		
Secondary Display	/	1.5-inch color LCD		
Measuring Range	0~4000mg/L			
Stirring Method	Electromagnetic			
Working Method	Work independently			
Resolution	0.1mg/L			
Measurement Period	5 days			
Accuracy	±8%			
Culture Temperature	20°C±1°C			
Data Storage	10,000 groups			
Data Record	1h/time			
Consumption	20W			
Power Supply	AC220, 50/60Hz(Standard); AC110, 50/60Hz(Optional)			
External Size(W*D*H)	200*300*150mm	300*300*150mm	200*300*150mm	300*300*150mm
Net Weight	5kg	6kg	5kg	6kg
Packing Size(W*D*H)	530*450*320mm	530*450*320mm	530*450*320mm	530*450*320mm
Gross Weight	9kg	10kg	9kg	10kg