

**zygon**

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# ZBOD-100 AAA

BOD ANALYZER



## BOD Analyzer

The BOD Analyzer is designed according to the principle of differential pressure method. BOD analyzer can select 1-30 days of culture time, and test six water samples at the same time. During the test process, the BOD value of the current test is directly displayed on the screen, and the current test data can be viewed at any time.

- BOD analyzer can select 1-30 days of culture time.
- Test six water samples at the same time.
- During the test process, the BOD value of the current test is directly displayed on the screen, and the current test data can be viewed at any time.
- The instrument has the function of automatic storage and can view the test result data at any time.
- Can store the BOD5 result value for 10 years.

### Specifications

### ZBOD-100 AAA

Determination range	0-4000mg/L
Accuracy	Qualified for BOD5 accuracy test (Glucose-Glutamic acid standard solution BOD5 =180-230mg/L))
Measurement days	1-30 days
Number of sample measurements	≤ 6
Recording interval	6 minutes to 3 hours / time
Storage capacity	10-year BOD 5 result value
Communication mode	Wireless transmission
Volume of container	580ml
Working temperature	20 ± 1 °C
Electricity	AC 110~220V, 50 / 60Hz

Rated power	10W
Dimensions	292 × 200 × 83mm
Weight	8 kg

## Standard Accessories

Name	Quantity	Purpose
BOD Analyzer Base Unit	1 set	to control agitation.
BOD Test Terminal	6	to analyze, display, save and print the tested water sample
BOD Culture Bottle	6	to hold culture medium and imitate natural conditions
Stirrer	6	stir sample
Chemical Cup	6	to place the chemicals
BOD Special Consumables Test 1 (Nutrient)	1 set	to prepare inoculation diluent
BOD Special Consumables Test 2 (Sodium hydroxide)	10 g	absorb CO <sub>2</sub> , adjust pH value
BOD Special Consumables Test 3 (Buffer)	1 set	to prepare inoculation diluent
BOD Special Consumables Test 4 (Strain)	0.4g	to prepare inoculant
BOD Special Consumables Test 5 (Glucose/Glutamate)	1 set	prepare standard sample
Power Adapter	1	supply power to mixing tray
Culture Bottle Holder	1	to hold culture bottle
Plastic Tweezers	1	add sodium hydroxide
Precision pH test paper	1 package	test sample pH value