

Infitek

BOD ANALYZER



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BOD analyzer

BOD-573



Description

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.

Selling Point

Test six water samples at the same time

Easy to use

Can store the BOD5 result value for 10 years

Advantages



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

Model	BOD-573
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
Storage capacity	10-year BOD 5 result value
Volume of container	580ml
Working temperature	20 ± 1 ℃
Electricity	AC 110~220V, 50 / 60Hz
Rated power	15W
Dimensions	292 × 200 × 83mm
Weight	2.5 Kg

List of standard items attached

	Name: BOD Analyzer base Unit; Quantity: 1 set; Purpose: to control agitation.
	Name: BOD test terminal; Quantity: 6; Purpose: to analyze, display, save and print the tested water sample;
	Name: BOD culture bottle; Quantity: 6; Purpose: to hold culture medium and imitate natural conditions;
	Name: Stirrer; Quantity: 6; Use: stir sample;
	Name: Chemical cup; Quantity: 6; Purpose: to place the chemicals;
BOD special consumables test 1	Name: Nutrient; Quantity: 1 set; Purpose: to prepare inoculation diluent;
BOD special consumables test 2	Name: Sodium hydroxide; Quantity: 10 g; Use: absorb CO 2, adjust pH value;
BOD special consumables test 3	Name: buffer; Quantity: 1 set; Purpose: to prepare inoculation diluent;
BOD special consumables test 4	Name: Glucose / glutamate; Quantity: 1 set; Purpose: prepare standard sample;
	Name: Power adapter; Quantity: 1; Purpose: supply power to mixing tray;
	Name: Culture bottle holder; Quantity: 1; Purpose: to hold culture bottle;
	Name: Plastic tweezers; Quantity: 1; Use: add sodium hydroxide;
	Name: Precision pH test paper; Quantity: 1 package; Application: test sample pH value;

The above spare parts are subject to update without notice, subject to the physical delivery.

BOD Analyzer 1	Buffer 1
BOD Analyzer Base Unit 1	Glucose / Glutamate 1
BOD Test Terminal 6	Power Adapter 1
BOD Culture Bottle 6	Culture Bottle Holder 1
Stirrer 6	Plastic Tweezers 1
Chemical Cup 6	Precision pH Test Paper 1
Nutrient 1	Allylthiourea 1
Sodium Hydroxide 10g	



BOD analyzer

BOD-806A



Description

The BOD tester is designed based on the principle of differential pressure method, which simulates the bio-degradation process of organic matter in nature. In the sealed culture bottle, the oxygen in the air above the culture bottle continuously supplements the dissolved oxygen consumed by the decomposition of organic matter in the sample. The CO2 produced in the process of organic degradation was removed to change the air pressure in the culture flask. By monitoring the change of the air pressure in the culture flask, the BOD value of the sample was calculated.

Selling Point

With automatic storage function

Any time to view the test data

Advantages



Test six water samples at the same time for 1-30 days culture time.



During the test, the current BOD value is displayed on the screen.











Store BOD5 results for 20groups



View the current test data at any time.

Specifications

Model	BOD-806A
Measuring range	0-2000mg/L
Measurement error	Meet the water quality BOD 5 precision test standard (Glucose-glucamic acid standard solution BOD 5 = 180-230mg/l)
Measurement days	1 — 30 days
Measurement quantity	≤ 6
Recording interval	24 minutes ~12 hours/time
Storage quantity	20groups BOD 5 result value
Culture bottle volume	580ml
Incubation temperature	20±1°C
Working power	AC power 110--220V, 50/60Hz
Rated power	10W
Size	272*185*75mm
Package Dimension (W*D*H)	450*390*510mm
G.W./N.W.	9.2Kg/2.4Kg

List of standard items attached	
	Name: BOD test terminal;
	Quantity: 6;
	Purpose: to analyze, display, save and print the tested water sample;
	Name: BOD culture bottle;
	Quantity: 6;
	Purpose: to hold culture medium and imitate natural conditions;
	Name: BOD Analyzer base Unit;
	Quantity: 1 set;
	Purpose: to control agitation.
	Name: Stirrer;
	Quantity: 6;
	Use: stir sample;
	Name:Chemical cup;
	Quantity: 6;
	Purpose: to place the chemicals;
	Name: Nutrient;
BOD special consumables test 1	Quantity: 1 set;
BOD special consumables test 2	Purpose: to prepare inoculation diluent;
	Name: Sodium hydroxide;
	Quantity: 10 g;
	Use: absorb CO 2, adjust pH value;
BOD special consumables test 3	Name: buffer;
	Quantity: 1 set;
	Purpose: to prepare inoculation diluent;
	Name: Strain;
BOD special consumables test 4	Quantity: 0.4g;
	Purpose: to prepare inoculant;
BOD special consumables test 5	Name: Glucose / glutamate;
	Quantity: 1 set;
	Purpose: prepare standard sample;
	Name: Power adapter;
	Quantity: 1;
	Purpose: supply power to mixing tray;
	Name: Culture bottle holder;
	Quantity: 1;
	Purpose: to hold culture bottle;
	Name: Plastic tweezers;
	Quantity: 1;
	Use: add sodium hydroxide;
	Name: Precision pH test paper;
	Quantity: 1 package;
	Application: test sample pH value;

The above spare parts are subject to update without notice, subject to the physical delivery.

BOD Analyzer 1

BOD analyzer base Unit 1

BOD test terminal 6

BOD culture bottle 6

Stirrer 6

Chemical cup 6

Nutrient 1

Sodium hydroxide 1

Buffer 1

Strain 1

Glucose / glutamate 1

Power adapter 1

