BIOBASE®

Benchtop Water Analyzer

Features:



* Adopting a 7-inch color touch screen, the interface is simple and intuitive, convenient for users to view and easy for them to operate.
* It can measure regular water quality parameters such as COD, ammonia nitrogen, total phosphorus, total nitrogen, etc. The concentration is directly readable and the measurement results are more accurate.
* The factory-built calibration curve is built-in, eliminating the need for customers to establish it. At the same time,the instrument supports customers to build their own curves, and the number of extended curves can reach 200.
* The instrument is equipped with a large-capacity storage system, which can store more than 5,000 experimental data, facilitating users to view and back up.
* The unique high-precision filtering system combined with narrowband interference technology effectively avoids stray light. The test data is more stable and the measurement accuracy is higher.
* It supports multiple colorimetric methods such as cuvettes and colorimetric tubes, and users can flexibly choose the colorimetric method according to the needs of water samples.
* Built-in thermal printer can print current data and stored data, facilitating users to retain stubs.
* Using imported cold light sources, the service life of the light source is up to 100,000 hours.
* Matched with the new ARM9 chip, the instrument responds more sensitively and the capacity can be up to 500M memory.
* It supports USB data export, and users can centrally process data through EXCEL.
* The selection of any of the following items: COD, total phosphorus, total nitrogen, permanganate index, arsenic, or total chromium, mandates that the system must be equipped with a digester.

Technical Parameters:

Model	BK-WA2004
Wavelength Range	190~1100nm
Wavelength Accuracy	0.3nm
Stray Light	0.05%T
Display Error	≤8%
Repeatability	≤±3%
Light Source	Tungsten lamp(visible area) and deuterium lamp (ultraviolet area)
Optical Stability	≤0.001A/10min
Light Source Life	100,000 hours
Measurement Time	5 minutes
Number of Curves	200 can be set
Data Storage	≥ 5000 records
Reading Cuvette	Cuvette /colorimetric tube
Display	7 inch color touch screen
Printer	Built-in thermal printer
Data Communication	USB interface
Ambient Temperature	5~40℃
Ambient Humidity	≤85%(no condensation)
Consumption	70W
Power Supply	AC 110/220V, 50/60Hz
Standard Accessories	1cm glass cuvette*4, printer, USB interface, reagents(50 tests for any 4 customer-selected items)
Standard Items	Any 4 items
Optional Items	COD, ammonia nitrogen, total phosphorus, total nitrogen, free chlorine, total chlorine, turbidity, total alkalinity, hardness, sulfate, phosphate, iron, silver, copper, etc.
Package Size(W*D*H)	530*455*315mm
Gross Weight	8kg