BK-AA320N Atomic Absorption Spectrophotometer



Oil free air compressor
(standard accessories)



Features:

* **Build-in computer data processing and LCD display.**
* **Stability:** Double-beam system can automatically compensate the light source drift and wavelength drift caused by the variation of temperature and electronic circuit drift.
* **Quickly:** The cathode lamp does not need to be pre-heated for long time and sample can be analyzed immediately.
* **High precision of measurement:** Gas path system is equipped with precision pressure stabilizing and current stabilizing devices to reach stable flame and low noise. Specially designed fine light beam passes through the flame to ensure a high precision analytical test and low characteristic concentration.
* **High energy optical path.**
* **Long-life and anti-corrosive atomization system.**
* **Multi-functional analysis mode:** ① flame absorption, ② flame emission, ③ graphite furnace atomic absorption, ④ hydride generation.
* **Safe and reliable gas path system:** Special devices of quick gas conversion and safety protection can be used to analyze air-acetylene flame and extend the analytic elements to reach more than 60.

Technical Parameters:

Model	BK-AA320N
Wavelength Range	190~900nm
Wavelength Accuracy	≤±0.5nm
Wavelength Repeatability	≤0.3nm (single direction)
Spectral Bandwidth	0.2nm, 0.4nm, 0.7nm, 1.4nm, 2.4nm, 5.0nm
Grating	1800 lines/mm
Resolution	<40%
Base Line Stability	±0.004Abs/30min
Characteristic Concentration	≤0.04μg/ml/1% (Cu)
Detection Limit	≤0.008μg/ml (Cu)
Background Calibration	＞30 times
Power Supply	220V, 50Hz
Package Size(W*D*H)	1250*795*765mm (Main instrument), 545*445*1385mm (Accessories)
Gross Weight	138kg (Main instrument), 56kg (Accessories)
Standard Accessories	RS232 serial port, Oil-free air compressor, Glass Atomizer, Cu Hollow cathode lamp, Atomizer unit Burner unit Dust cover, Water-separating gas filter, Titanium burner-10cm
Optional Accessories	Software, Model GA3202 HGA graphite furnace system, Hydride generator, Graphite tubes, Recirculating cooling water system, Hollow cathode lamp(Ag, Au, Ca, Cd, Cr ,Fe, Hg ,K ,Mg ,Mn, Na, Ni, Pb, Zn, AS, etc)

Note: When selecting the graphite furnace, it is recommended to also select the recirculating cooling water system.

E-mail: export@biobase.com
www.biobase.cc / www.biobase.com

NIR Spectrophotometer



Introduction:

BK-S430 NIR spectrophotometer is a spectrophotometer with grating monochromator. This instrument is for liquid samples. The wavelength range is 900~2500nm.

Features:

* Single-channel whole spectrum scanning.
* Built-in high-quality PTFE reference module and polystyrene wavelength standard filter.
* Automatic reference calibration and monitoring wavelength.
* The instrument monitors the ambient temperature and humidity in real time and stores it in the spectrum file, which is convenient for users to check and optimize the measurement conditions.

Technical Parameters:

Model	BK-S430
Optical System	Grating monochromator
Bandwidth	8nm
Wavelength Range	900~2500nm
Wavelength Accuracy	≤ 0.2nm
Wavelength Reproducibility	≤0.05 nm
Stray Light	≤0.1%
Scanning Time	1 minute or adjustable
Noise	≤0.0005 Abs
Interface	USB
Standard Accessories	2*1cm quartz square sample cell, 2*2mm quartz micro sample cell, data processing software package
Optional Accessories	Thin-film sample holder
Power Supply	AC 110~240V, 50/60Hz
Package Size(W*D*H)	550*540*380mm
Gross Weight	12kg

E-mail: export@biobase.com
www.biobase.cc / www.biobase.com