BioLAB

PRODUCT CATALOG

ATOMIC ABSORPTION SPECTROPHOTOMETER BJN1F1 (BAAS-605)

CE ISO9001 CERTIFIED

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ATOMIC ABSORPTION SPECTROPHOTOMETER BJN1F1

ATOMIC ABSORPTION SPECTROPHOTOMETER

An analytical technique used to measure the concentrations of elements in a sample. The system is incredibly sensitive and can detect down to micrograms (?g). It is performed by focusing a beam of known wavelength of ultraviolet (UV) light through a flame and into a detector.

Six lamp flame method. Full titanium combustion head, 50 mm or 100 mm general combustion head and polymer explosion-proof spray chamber. With customisable atomizer efficient glass atomizer.

SPECIFICATIONS

Model	BJN1F1
Old Model	BAAS-605
Light Source	≤ 8 lamps automatic turret, automatic alignment
Power Supply	110/220 V (+5% ~ -10%), 60/50 Hz; 5000 VA
Lamp Current	Pulsed power supply
Optical System	Large 1800 /mm grating ruling, full closed optical system
Wavelength Range	185 - 900 nm. Automatically peak find, a key optical optimization function
Wavelength Accuracy	± 0.15 nm
Wavelength Repeatability	< 0.10 nm
Spectral Bandwidth	0.1, 0.2, 0.4, 0.7, 1.0, 1.4, 2.0 nm (7 steps with automatic changeover)
Baseline Stability	≤ ±0.002A/30 min (Static) ≤ ±0.004A/30 min (Dynamic)
Absorbance Range	0 - 4 A
Flame Analytical System	
- Detector	Imported photomultiplier tube
- Burner Head	Full titanium combustion head, 50 mm or 100 mm general combustion head
- Atomization Chamber	Polymer explosion-proof spray chamber
- Nebulizer	Atomizer efficient glass atomizer, can also be customized
- Ignition Type	Microcomputer control, automatic ignition
- Gas Control	Automatic gas control system
- Detection Limits (Cu)	0.002 μg/mL
- Precision	RSD ≤ 0.5%
Alt Name	Atomic Absorption Spectrophotometer

APPLICATIONS

Food and Beverage Industry, Water Analysis, Clinical Research, Pharmaceutical, Mining and Geology, Environmental Monitoring, Oil and Petroleum, Forensics.

Biolab Scientific Ltd.
Trillium Executive Center, East Tower, 675 Cochrane Dr, Markham, Ontario L3R 0B8, Canada
Email: info@biolabscientific.com | Website: www.biolabscientific.com