BioLAB

PRODUCT CATALOG

ATOMIC ABSORPTION SPECTROPHOTOMETER BAAS-605

CE ISO9001 CERTIFIED

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ATOMIC ABSORPTION SPECTROPHOTOMETER BAAS-605

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	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.

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