



# ATOMIC ABSORPTION SPECTROPHOTOMETER BAAS-606

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## 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 (µg). It is performed by focusing a beam of known wavelength of ultraviolet (UV) light through a flame and into a detector.



Eight lamp flame/graphite furnace integrated machine. Imported photomultiplier tube. The graphite tube damage, water flow air pressure and other alarm temperature overheating protection.

## SPECIFICATIONS

Model	BAAS-606
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	< 0.01 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/30min (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%
Graphite Furnace Analytical System	
- Heating Mode	Vertical heating
- Temperature Control Method	Vertical optical temperature monitoring graphite tube wall temperature
- Temperature Range	Room temperature to 3000 °C
- The Program	Automatic temperature control up to 20 order
- Temperature Control	The furnace enriched up to 20 times
- Characteristics Volume	0.4 x 10 - 12 g (Cd)
- Detection Limit: Graphite Furnace Analytical System	0.4 x 10 - 12 g (Cd)
- The Cooling Water	Can choose cooling water circulation system
- Safety	The graphite tube damage, water flow air pressure and other alarm temperature overheating protection
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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