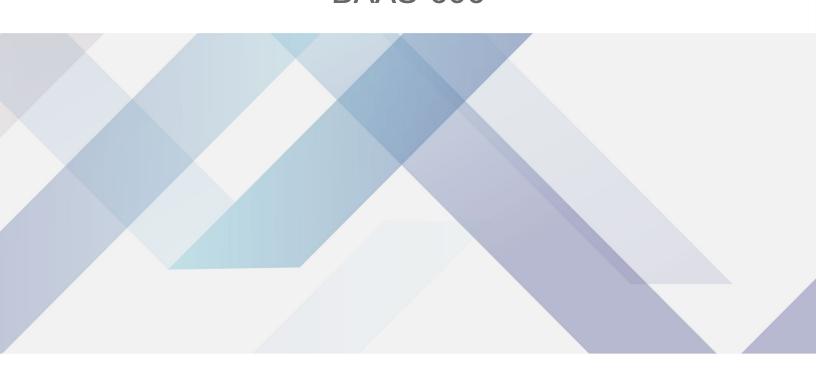






ATOMIC ABSORPTION SPECTROPHOTOMETER BAAS-606





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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.

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

Also known as Atomic Absorption Spectrometry, Metal Analysis Spectroscopy...

BAAS-606 ATOMIC ABSORPTION SPECTROPHOTOMETER



Eight lamp flame/graphite furnace integrated machine. Imported photomultiplier tube. The graphite tube damage, water flow air pressure and other alarmtemperature 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 | \leq ± 0.002A/30 min (Static) \leq ± 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 |

2

| 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) |
| Precision: | RSD ≤ 2% |
| The Cooling Water: | Can choose cooling water circulation system |
| Safety: | The graphite tube damage, water flow air pressure and other alarmtemperature overheating protection |



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