

ATOMIC ABSORPTION SPECTROPHOTOMETER: MODEL FLARE



CAT. NO.: BE/CI/SP/AAS02

FEATURES

- **Build-in Computer Data Processing LCD Display:** Stable and reliable with the functions of integral holding, selection of peak height and area, auto zero adjustment, deuterium lamp background correction, multi-linear and non-linear curves fitting, various parameters and working curves display, report printing etc.
- **Stability:** Double beam system can automatically compensate the drift.
- **High Precision Measurement:** Gas path system is equipped with precision pressure stabilizing and current stabilizing devices to reach stable flame with low noise. Specially designed fine light beam passes through the flame to ensure a high precision analytical test at low concentration.
- **High Energy Optical Path:** A total reflection system is adopted to eliminate color difference in full range.
- **Long-life and Anti-corrosive Atomization System:** The burner is made of new type of titanium alloys which offers anti-corrosive and fast thermal equilibrium property.
- **Safe and Reliable Gas Path System:** Special device for quick gas conversion and safety protection.

Machine Comes with - Air compressor, Cu Hollow cathode lamp, Air filter, Glass atomizer, 10cm titanium burner, Acetylene reducing valve

FEATURES	SPECIFICATIONS
Wavelength Range	190-900 nm
Wavelength Accuracy	±0.5 nm
Wavelength Repeatability	≤0.3 nm (Single Direction)
Spectrum Bandwidth	0.2 nm, 0.4 nm, 0.7 nm, 1.4 nm, 2.4 nm, 5.0 nm
Resolution	<40 %
Base Line Stability	±0.004 Abs / 30 min
Characteristic Concentration of Cu	≤0.04 µg/ml/1%
Detection Limit of Cu	≤0.008 µg/ml
Background Calibration	Greater than 30 times
Power	220 V; 3 A; 50 Hz
Dimensions	1220 × 770 × 730 mm
Weight	65 kg