PRODUCT CATALOG

ATOMIC ABSORPTION SPECTROPHOTOMETER BAAS-603

ISO9001 CERTIFIED

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ATOMIC ABSORPTION SPECTROPHOTOMETER BAAS-603

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.

BAAS-603 ATOMIC ABSORPTION SPECTROPHOTOMETER

Six lamp flame/graphite furnace integrated machine. With automatic safety protection function, anti temperingautomatic gas path protection, acetylene gas leak- age alarm, automatic shutdown system, abnormal automatic power-off.

SPECIFICATIONS

Model	BAAS-603
Grating	1800 l /mm
Wavelength Range	190-900 nm
Spectral bandwidth	0.1. 0.2. 0.4,. 1.0. 2.0 nm (automatic adjustable)
Wavelength accuracy	≤ 0.15 nm
Wavelength repeatability	
	± 0.1 nm
Baseline stability	≤ ± 0.002 A /30 minutes (static) ≤ ± 0.005 A /30 minutes (dynamic)
Light source	≤ 6 lamps automatic turret, automatic alignment
Power	Double cathode power built-in high performance lamps
Flame atomizer	
Detection limits (Cu):	0.002 μg/mL
Precision:	RSD ≤ 0.5 %
Combustion head:	Metal Titanium combustion head
Atomizer:	Efficient glass atomizer
Atomizing chamber:	explosion proof corrosion resistant material spray chamber
Control system:	Automatic PC control three light brick, automatic alignment, automatic optimization and automatic ignition
Safety protection:	With automatic safety protection function, anti temperingautomatic gas path protection, acetylene gas leak- age alarm, automatic shutdown system, abnormal automatic power-off
Background correction:	Deuterium background correction: correction of the 1A background
Data processing	
Measurement methods:	Flame method, Hydride method
Concentration calculation method:	standard curve method (1 - 3 times curve),automatic matching, the standard addition method
Repetition survey frequency:	1-99 times, calculating the average value, standard deviation and relative standard deviations are given
Results print:	parameters print, data and graphics print, you can also export WORD, EXCEL document

	Simple and convenient operation, lamp position rotating, automatic ignition through software operating
Communication interface:	Computer and USB interface communication
Power requirements	
	220 V (+5 % ~ -10 %), 50/60 Hz; 5000 VA
Environment temperature	
	+15 °C ~ +35 °C
Relative humidity	
	20 ~ 80 %

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