

ATOMIC ABSORPTION SPECTROPHOTOMETE R SPE41-0185



ATOMIC ABSORPTION SPECTROPHOTOMETER

SPE41-0185

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..

SPE41-0185 ATOMIC ABSORPTION SPECTROPHOTOMETER

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	SPE41-0185
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)
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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