

ATOMIC ABSORPTION SPECTROPHOTOMETE R SPE41-0110



ATOMIC ABSORPTION SPECTROPHOTOMETER

SPE41-0110

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..

SPE41-0110 ATOMIC ABSORPTION SPECTROPHOTOMETER

Six lamp flame method. Full titanium combustion head, 50 mm or 100 mm general combustion head and polymer explosion-proof spray chamber. With customisable atomizer efficient glass atomizer.



SPECIFICATIONS

Model	SPE41-0110
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	< 0.10 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%

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