



Systronics India Limited



Double Beam Atomic Absorption Spectrophotometer-272

- Auto flame ignition
- Auto HCL lamp positioning(Up to Eight Positions)
- Variable bandwidth
- Double Beam Optics
- Gas leak sensor
- Air pressure Monitor
- Flame monitor sensor
- Autogas cut-off
- 10.1 Inch Multi-touch LCD with 1200X800 Resolution
- Both Standalone and PC -Control

Specification	Description
Mode of operation	Both Standalone and PC -Control
Wavelength Range	185-900 nm-(Automatic Positioning)
Display (optional)	In-built Display LCD Touchscreen (1200x 800 Resolution)- Multitouch Size- 10.1 Inch
Grating	1800 lines/ mm Holographic Grating With Czerny-turner Mechanism
Bandwidth	Auto Positioning, (0.1 to 2.5 nm)
Wavelength Accuracy	±0.2 nm
Wavelength Repeatability	±0.1 nm
Baseline Drift	0.004A/10 min
Source Lamp (HCL)	Four-position, Auto-Position-Turret Eight-position, Auto-Position-Turret (Optional)
Burner Head	100 mm Single Slit Air-cooled Titanium Metal Burner
Optics	Double Beam optics
Detector	PMT (Photomultiplier tube)

Specification	Description
Burner head Adjustment	inbuilt Accurate X-Y Positioner. Auto positioning with the help of a keyboard (Automatic -optional)
Atomization chamber	Teflon chamber, Corrosion-Resistant
Nebuliser	High-efficiency Glass Sprayer with Metal sleeve., Corrosion-resistant
Flame ignition	Automatic
Mode of measurement	Air-Acetylene Flame Method
Measuring type	Concentration, Absorbance (Abs) & Emission
Administrator and User Login	Yes (UP to 5 users)
Operating System	Window 10 64-bit or higher
Audit Trial	Yes
Characteristic concentration (CC)	0.025µg/ml for Cu
Background correction	Deuterium Lamp method
Printer	Any Printer supporting windows 10
Memory	Inbuilt 128 GB (expandable)
Safety Features	Flame monitor sensor, Air pressure Monitor, Gas leak sensor, Flame monitor sensor, Power failure protection, Auto Gas Cut-off, nebulizer sensor.

Contact Us



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