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ATOMIC ABSORPTION SPECTROPHOTOMETER(DOUBLE BEAM) - GUPTA BRAND 5000LT2102

2102
ATOMIC ABSORPTION
SPECTROPHOTOMETER
DOUBLE BEAM

TECHNICAL SPECIFICATIONS

PARAMETER	Computer controlled, High performance, optically double beam Atomic Absorption Spectrometer having following specifications.
OPTICS	Real time Double beam with Deuterium background
MONOCHROMATOR	CZ design with 330 mm focal length, 1800 line/mm grating and 185-930 nm wavelength range. Automatic emission wavelength selection and peaking. Continuously variable slits with 0.2 to 2 nm spectral bandwidth. Automatic wavelength scanning. Selected wide range
DETECTOR	High performance multi-alkali Photo multiplier tube R928
MOTORIZED LAMP TURRET	Eight lamp motorized turret with automatic lamp selection and individual lamp peaking automatically warmed up. Compatible with standard & coded hollow cathode lamps
BACKGROUND CORRECTION	Deuterium arc Radiation ULTRA FAST-PULSE 1024 Hz background corrector Wave length correction range 185-425 nm,. Corrects to 2.5 total absorbance
AUTOMATIC FLAME CONTROL UNIT	Programmable gas controller with digital display of flow, Full safety interlock including built in pressure regulator on both lines, power failure protection, auto shut down of flame, burner drain , door interlock and electronic flame igniter & real time status sensing, fitted bung and pressure relief bung
NEBULIZER	Fully inert nebulizer
SPRAY CHAMBER	PTFE spray chamber and adjustable impact bead aerosol.
BURNER	Titanium burners for C2 H2 –N2O & C2H2- AIR
SENSITIVITY	Greater than 0.7 abs for 5 mg/L coppersolution with an RSD of less than 0.5% Characteristics concentration of copper 0.030 ug/ml
OUTPUT PORT	USB /Wi-Fi/ BLUETOOTH CONNECTIVITY FOR PC
SOFTWARE	Windows 10 based user friendly software
DIMENSION	100 x 55 x 58 cm (L x H x W) cm
WEIGHT	65 kg, Unpacked
ELECTRICAL REQUIREMENTS	220/240 V AC, 50/60 Hz, 800 VA
HOLLOW CATHODE LAMPS	67 Element high intensity Single Element available

SALIENT FEATURES

- ✓ Highly Stable and accurate
- ✓ True Double Beam Optics
- ✓ 8 lamp turret
- ✓ Range 185 - 900 nm
- ✓ 1800 lines grating (USA)
- ✓ Variable Bandwidth 0.1 to 2 nm
- ✓ User friendly software

STANDARD ACCESSORIES

Software CD
USB Cable
Manual
Dust Cover
Cathode Lamps (Optional)
Acetylene Cylinder (Optional)
Nitrous Oxide Cylinder (Optional)
Regulators (Optional)
Moisture Filter (Optional)
Compressor (Optional)

WARRANTY 1 YEAR

Main Address :

Manufacturing Unit & Export House :

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