

Microprocessor Single Beam Visible Spectrophotometer

HSN Code: 90273020



Applications

- Medical/pharmaceutical
- Industry environmental Monitoring
- Commodity Inspection
- Food Inspection
- Agricultural Chemistry
- Teaching in Colleges & Universities
- Metallurgy
- Geology
- Machine Manufacturing
- Petrochemical Industries
- Water and Waste water Labs
- Food and Beverage Labs

Characteristics

- The monochromator with a holographic flashing grating is used. It has the advantage of high wavelength precision, good monochromaticity and low stray light.
- A sample compartment for 0.5cm - 10cm cells.
- Computer control system, precise automatic T/A changeover.
- Automatic zero and full scale adjustment.
- Direct concentration read-out and concentration factor setting function.3
- Equipped with Rs232 Port. Data can be sent to PC special software.

Technical Specification:

Wavelength Range	: 325 - 1000nm
Wavelength Accuracy	: <2nm
Wavelength Repeatability	: <1nm
Transmittance Accuracy	: ±0.5%
Transmittance Repeatability	: <0.2%
Spectrum Bandwidth	: 2 nm
Stray Light	: <0.5% (at 360nm, NaNO ₂)
Light Current Drift	: 0.5%/3 min
Dark Current Drift	: 0.2%/3 min
Cell Holder	: 10 mm
Dimensions	: 56x48x29cms
Net Weight	: 11.5 Kgs
Gross Weight	: 13.5 Kgs

Standard Configuration:

Main Instrument	: 1 unit
Operational Manual	: 1 pc
Glass cell 10 mm	: 4 Pcs
Power Cable	: 1 pc
Fuse(3A)	: 2 Pcs
Software CD	: 1 no.
Rs232 Cble	: 1 no.

Optional Accessories

- 5/10/20/50MM Glass Cell
- 50 mm Cell holder
- 100 mm Cell holder
- Tungsten-halogen lamp (12V 30W)

Product Range

• pH/mV/°C/ORP Analyzer • Conductivity/TDS/Resistivity/Salinity/°C Analyzer
• Multiparameter Analyzer (pH/ORP/Conductivity/TDS/Resistivity/Salinity/°C)
• Karl Fischer Titrator • Auto Titrator • Automatic Melting Point Apparatus
• Flame Photometer • Friability Test Apparatus • Tablet Dis-integration Test Apparatus
• Tap Density Test Apparatus • Tablet Hardness Tester • Leak Test Apparatus
• Tablet Dissolution Test Apparatus • Electromagnetic Sieve Shaker • Ultrasonic Bath (Sonicator)
• Analytical Electronics Balance • Halogen Based Moisture Analyzer
• Visible & UV-Vis. Spectrophotometer • Nitrogen Gas Generator • Zero Air Gas Generator
• Combination Nitrogen / Zero Air Gas Generator • Air Drying Unit for TOC Analyzer
• Dew Point Apparatus • Gas Handling & Purification System • Laboratory Furniture & Fume Hood
• Exhaust Hood for AAS/ICP.

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