

Product Name :
Microprocessor Double Beam UV-VIS

Product Code :
EEP0023



Description :

Microprocessor Double Beam UV-VIS, Spectrophotometers

Technical Specification :

Microprocessor Double Beam UV-VIS Spectrophotometer

- Wide range of wavelength
- Automated designing

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- Maximum wavelength of 9 and measuring of 7 samples scan at one time
 - Change-over between W lamp & D 2 lamp is automatic
 - Large scale integrated circuits design
 - Optimized optics
 - High performance
 - Light source and receiver of international standards
 - Data output obtained using RS-232 interface and printer port

Measurement Methods :

- Wavelength scan
- Time scan
- Multi-wavelength determination
- Multi-order derivative determination
- Double-wavelength method
- Triple-wavelength method

Applications :

- Biochemical research and industry
- Pharmaceutical analysis and production
- Education
- Environmental protection
- Food industry
- Clinical examination
- Sanitation

- Ant epidemic and many more

Specifications :

Wave Length Range
Spectral Bandwidth

Wave Mode
Optical System
Scan/Mg Speed Slow
Photometric Range 20 %T
Wave length Accuracy

Wave length Reproducibility

Photometric Accuracy ± 0.002 A (0-0.1 A)

Photometric Reproducibility

Stray Light (Nal. 220nm, NaNO₂ 340 nm)
Base Flatness
Stability/h (at 500 nm, after warming up)
Noise 0.1A (at 500 nm)
Detector Silicon Photodiode
Display high light blue LCD
Weight
Dimensions 210 mm
Power 220V $\pm 10\%$, 50 Hz.
Cells
Quartz Cells

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