



SPECTRONICS INDIA

AN ISO 9001:2008
CERTIFIED COMPANY

MICROPROCESSOR

SINGLE BEAM UV-VIS SPECTROPHOTOMETER

MODEL : SI 327



SALIENT FEATURES

- Cover 195 to 1020nm
- 4 Position Cuvette Holder
- High wavelength Precision
- Highly Accurate & Stable

APPLICATIONS :-

UV-visible spectrophotometer, an analytical instrument commonly used in physico-chemical laboratories to make quantitative and qualitative analysis of specimen materials in the ultraviolet, visible spectral range finds much scope for its service in such fields as medicine, clinical examination, biochemistry, petro-chemical industry. Bio technology, Environmental protection and quality control.

The technique has enjoyed a molecular biology and the need to quantify DNA and proteins. Here, the simplicity of use, the non-destructive nature of the sampling and the cost effectiveness of the measurement has proved very beneficial in the modern laboratory.

TECHNICAL SPECIFICATIONS

Wavelength	195 to 1020nm
Spectral Bandwidth	2 nm
Wavelength Accuracy	+ 2nm
Wavelength Repeatability	+ 1 nm
Resolution	0.1 nm
Photometric Accuracy	+0.5%T
Stray Light	Less then 0.3% @ 220 nm
Photometric Repeatability	0.2%T
Stability	+ 0.004 A/h @500nm
Data Readout	LCD display
Display Area	0 - 200%T, -0.3 -3A
Key Board	4 Keys, Soft touch membrane type
Work Pattern	T.A.C
Zero Setting	Automatic
Detector	CT Grating Monochromator
Sample Holder	4 position adjustable sample holder
Power	230V ± 10%, 50 Hz. AC
Dimensions	420 x 350 x 240 mm (L X W X H) Approx.
Weight	12 Kg (Approx.)



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AN ISO 9001:2015 & CE CERTIFIED COMPANY



PRODUCT RANGE

Spectrophotometer • Flame Photometer • Colorimeter • pH Meter • Conductivity Meter • DO Meter
Salinity Meter • Turbidity Meter • Colony Counter • Auto Karl- Fischer • Melting Point Apparatus
Water & Soil Analysis Kit and Portable Instruments.