



SPECTRONICS INDIA

**AN ISO 9001:2008
CERTIFIED COMPANY**

MICROPROCESSOR

SINGLE BEAM UV-VIS SPECTROPHOTOMETER

(WITH SCANNING SOFTWARE)

MODEL : SI 329



SALIENT FEATURES

- The wavelength Range 190 - 1100
- Wavelength selection by numeric keypad.
- Spectral Bandwidth 2nm, Can save 50 groups of curve equation.
- Auto setting wavelength, auto zero and blank
- Tungsten lamp & Deuterium lamp can be turned on/off individually to extend shelf life.

FEATURES:

- Unique optical system, 1200 lines/mm grating and imported receiver to ensure its sound performance
- The instruments is supply with PC software expands the capabilities of the instrument includes.
- Photometric analysis, Quantitative analysis, Spectral scanning, Kinetics, DNA/protein analysis, Multi-wavelength test etc.
- Adopts 51 microcomputer system and store 200 test data and 100 standard curves;
- Plug type deuterium lamp and tungsten lamp transfer lamps without optics debugging.

APPLICATION:

- Medicine/Pharmaceutical Industry
- Environmental Monitoring
- Commodity Inspection, Food Inspection
- Agricultural Chemistry, Teaching in Colleges
- Universities, Metallurgy , Geology
- Machine Manufacturing, Petrochemical Industry
- Water and Waste Water Labs
- Food and Beverage Labs

TECHNICAL SPECIFICATION :

Optical System	Single-Beam Grating 1200 lines/mm CT Grating Monochromator
Display	128x64 LCD
Wavelength Range	190-1100 nm
Wavelength Accuracy	2nm
Spectral Bandwidth	1nm
Wavelength Repeatability	Less than=0.2nm
Stray light	0.15% T
Photometric accuracy	0.5%T
Photometric repeatability	0.2% T
Stability	+/-0.0002A/h@500nm
Baseline Flatness	+/-0.002A
Noise	+/-0.001A
Wavelength Setting	Auto
Light Source	Imported Deuterium And Tungsten Lamp
Work Pattern	TAC
Size	700x580x340mm
Weight	20kg
Standard Configuration:	Main Set, USB Cable-1, Power Cable-1 Square Glass Cell- 4 Nos, Quartz Cell -2Nos. (1cm) Software CD - 1, Softwry Key - 1, Operating Manual Software Dust Cover & Operating Manual



SPECTRONICS INDIA

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.