



ICON INSTRUMENTS COMPANY

MICROPROCESSOR UV-VIS SPECTROPHOTOMETER DOUBLE BEAM

DOUBLE BEAM UV-VIS Spectrophotometer with more accuracy and flexible requirements. The two detectors are used to measure sample and reference respectively and simultaneously for optimizing measurement accuracy. It has wide wavelength range satisfying requirement of various fields. Such as biochemical research and industry. Pharmaceuticals analysis and production, education, environment protection. Food industry etc. Model 1-2800 with single cell cuvettes holder, Model 1-2802 with 8 cell cuvettes holder.

IIC-411

Technical Parameters :

optical system	Double beam(1200 lines/mm Grating)
Wavelength Range	190 -1100nm
Mode	Basic / Quantitative/Wavelength Scan / DNA Protein Test / Kinetics
Scanning Speed	Fast / Medium / Low
Band width	1 nm
Wavelength Accuracy	±0.1 nm
Wavelength Repeatability	0.1 nm
Photometric Accuracy	± 0.3 % T
Photometric Repeatability	0.2 % T
Photometric Display Range	0 - 200% T, 0.3 - 3.0A, 0 - 9999 C
Stability	0.001 A/h @ 500 nm
Baseline Flatness	±0.001 A
Noise	± 0.001 A
Stray Light	< 0.05 % T @ 220 nm. 360 nm
Date Output Port	USB
Printer port	Parallel Port
Display	Graphic LCD (320 240 Dots)
Lamps	Deuterium Lamp & Tungsten Halogen Lamp
Detector	Silicon Photodiodes
Packing Dimension	790 x 590 x 370 mm (L x W x H)
Net Weight	26 Kg



Accessories

GlassCell	: 4 No.
Quartz Cell	: 4 Nos.
Fuse	: 2 Nos.
InstrumentCover	: 1 No.
Software CD	: 1 No.
USB Cable	: 1 No.
Operational Manual	: 1 No.

Works : Z-67, Okhla Industrial Area, Phase-II, New Delhi - 110020

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