

AU 2603 DOUBLE BEAM SCANNING UV/Vis SPECTROPHOTOMETER

Features :



Color LCD screen (480 X 272)

Imported & Environmental Deuterium lamp, preventing from Ozone inhalation

Data output: Data can be exported to U disk (USB Output)

Print port: Instrument can connect PCL printer for printing A4 paper (USB Port)

Adopted high-class grating with wholly hermetic light path design, to ensure the instrument has the super low stray light

With GLP self-check function, check the wavelength accuracy and Photometry accuracy, can provide test report and power-off protection

Upgrade package can be possible with U disk one-key upgrade

With SiO₂ coating optical mirror, reducing the pollution from outside.

Specifications

Optical System : Double Beam, Grating 1200 lines/mm

Wavelength Range : 190-1100nm

Spectral Bandwidth : 1nm

Wavelength Accuracy : ± 0.3 nm

Wavelength Repeatability : ≤ 0.1 nm

Scanning speed : 3000nm/min,

Slew rate : 20 more millisecond

Photometric Accuracy : $\pm 0.002A$ (0-0.5Abs), $\pm 0.004A$ (0.5-1.0Abs), $\pm 0.008A$ (1-2Abs)

Photometric Repeatability : 0.001A (0-0.5Abs), 0.002A(0.5-1.0Abs), 0.004A(1-2Abs)

Stray Light : $\leq 0.04\%T$ @ 360nm; 220nm

Stability : 0.0003A / h @ 500nm

Baseline Flatness : 0.0005A

Noise : 0.0002Abs

Display : 480 × 272 Color LCD

Photometric Mode : %T, Abs., Conc., Energy

Photometric Range : 0-600%T, -0.3 - 3.0A

Detector : Silicon Photodiode

Light Source : Deuterium Lamp, Tungsten Lamp

Input : Membrane Keypad

Output : USB-A*2 Print and data output USB-B Connect PC

Dimension : 470 × 370 × 180

Weight : 22kg

Sold & Serviced by :

SYSTRONICS (INDIA) LIMITED

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