

T6U UV-Vis Spectrometer



Optical system	Split beam
Scan speed	Selectable
Wavelength range	190-1100nm
Wavelength accuracy	±1nm
Wavelength reproducibility	≤0.2nm
Spectral bandwidth	2nm
Photometric mode	Transmittance, Absorbance, Energy
Photometric range	-0.3-3.0Abs
Photometric accuracy	0.002A (0-0.5A), 0.004A (0.5-1A), 0.3%T (0-100%T)
Photometric reproducibility	00.001A(0-0.5A), 0.002A(0.5-1A), 0.15%T(0-100%T)
Photometric noise	0.001A(500nm) 30min warm-up
Baseline flatness	0.002A(200-1000nm)
Baseline stability	0.001A/h (500nm, 0Abs), 2hr warm-up
Stray light	≤0.05%T(220nm NaI, 340nm NaNO ₂)
Standard functionality	Photometric Measurement (Quantitative, Multi-wavelength, Spectrum and Kinetic measurements with program cards)
Detector	Silicon photo diode
Light source	Tungsten Halogen and Deuterium arc lamps
Display	Digital LCD display
Printer	Mini printer
PC interface	RS232
Software support	Local and UV Win
Power supply	Switch mode 95-250VAC 50-60Hz
Weight	11kg
Dimension	476x362x225mm