

T7/T7S UV-Vis Spectrometer



PERSEE

Optical system	Split beam ratio
Scan speed	Selectable
Wavelength range	190-1100nm
Wavelength accuracy	±0.3nm
Wavelength reproducibility	≤0.2nm
Spectral bandwidth	T7: 2nm T7S: 0.5, 1.0, 2.0, 5.0nm
Photometric mode	Transmittance, Absorbance, Energy Concentration
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	≤0.12%T(220nm NaI, 340nm NaNO ₂)
Standard functionality	Photometric, Quantitative, Spectrum and DNA measurements
Cell holder	Automatic 8 cell changer
Detector	Silicon photo diode
Light source	Tungsten Halogen and Deuterium arc lamps
Display	Digital LCD display
Printer	Option
PC interface	RS232
Software support	Local and UV Win
Power supply	Switch mode 120-230VAC 50-60Hz
Weight	25kg
Dimension	520x420x230mm