

Double Beam UV/ Vis Spectrophotometer

- ST-SQ4802 is a double beam, scanning design.
- It is a stand-alone model with 1.8nm fixed bandwidth and has all the features that SpectroQuest line offers in a stand-alone unit.
- The two detectors are measuring both the test sample cell and reference sample cell simultaneously for optimizing measurement accuracy and stability.
- It provides excellent performance for measurements in the range of 190nm to 1100nm.
- It is suitable for pharmaceutical, biochemical and clinical lab applications as well as routine applications such as quantitative analyses, kinetics, spectrum scanning, multiple components and DNA/Protein.
- Optional PC download software and PC Windows® application software make this instrument versatile.



Specificatin of Double Beam UV/ Vis Spectrophotometer

Model	ST-SQ4802
Wavelength Range	190-1100nm
Slit Width	1.8nm
Optical System	Double beam, grating system, 1200 lines/ mm
Wavelength Accuracy	± 0.3nm
Wavelength Resolution	± 0.1nm
Wavelength Repeatability	± 0.2nm
Photometric Range	0%T to 200%T, -0.3 to 3 A, 0 to 9999
Photometric Accuracy	± 0.3%T
Photometric Repeatability	Better than 0.2%T
Stray Light	Less than 0.10%T
Baseline Flatness	± 0.002 A
Stability	0.001 A/ h @ 500nm
Scanning Speed	High, Medium, Low, Maximum 1000nm/ minute
Light Source	Halogen, Deuterium (pre-aligned)
Display	Graphic LCD (320 x 240) dots
Keyboard Control	29 Membrane keypad
Data Output	USB & RS 232C, Parallel printer port
Sample Compartment	Accommodates 100mm pathlength cuvet with optional holder
Printer	Mini parallel printer optional
Power Requirements	220-240V/ 50Hz
Dimension (W x D x H) mm	620 x 400 x 280
Net Weight	24kg