

SQ-4802 Double Beam UV/Vis Spectrophotometers

SQ-4802 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.



SQ-4802 shown with sample compartment open

SQ-4802	
Wavelength Range	190 - 1100 nm
Slit Width	1.8 nm
Optical System	Double Beam, Grating System 1200 lines/mm
Wavelength Accuracy	± 0.3 nm
Wavelength Resolution	± 0.1 nm
Wavelength Repeatability	± 0.2 nm
Photometric Range	0% T to 200% T -0.3 to 3 A 0 to 9999 Conc
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 @ 500 nm
Scanning Speed	High, Medium, Low Maximum 1000 nm/minute
Light Source	Halogen, Deuterium (pre-aligned)
Display	Graphic LCD (320 x 240) dots
Keyboard Control	29 Membrane keypad
Data Output	USB and RS232C, Parallel printer port
Sample Compartment	Accommodates 100mm pathlength cuvet with optional holder
Printer	Mini parallel printer optional
Power Requirements	110-120V/60Hz Switchable 220V-240V/50Hz
Instrument Dimensions	24.5"W x 15.7"D x 11"H 620mm x 400mm x 280mm
Instrument Weight	53 lbs (24 kg)
Warranty	One Year

Item No.	Description
SQ4802	Model SQ4802 Double Beam UV/Vis, 1.8nm, 110V
SQ4802E	Model SQ4802E Double Beam UV/Vis, 1.8nm, 220V
SQ4802-401	Advanced Application Software for PC's
SQ4802-120	Six-Position Auto Cell Changer

Contact UNICO for additional parts and accessories



SQ4802-120 Six-Position Auto Cell Holder