



SQ-2800 Single Beam UV/Vis Spectrophotometers

SQ-2800 is the most economic general-purpose design in the SpectroQuest line. It is a stand-alone model with 4nm fixed bandwidth and has all the features that SpectroQuest line offers for a stand-alone unit. It provides excellent performance for measurements in the range of 190nm to 1100nm. It has a large angled LCD screen with contrast adjustment for comfortable viewing in a variety of room conditions. The large sample compartment (100 mm) accommodates a wide range of cell holders and accessories including peristaltic sipper and peltier system. Optional PC download software and PC Windows® application software make this instrument very versatile. SQ2800P Models are available with built-in printers.



SQ-2800 shown with 100 mm sample compartment open

SQ-2800	
Wavelength Range	190 - 1100 nm
Slit Width	4 nm
Optical System	Single Beam, Grating System 1200 lines/mm
Wavelength Accuracy	± 0.8 nm
Wavelength Resolution	± 0.1 nm
Wavelength Repeatability	± 0.5 nm
Photometric Range	0% T to 200% T -0.3 to 3 A 0 to 9999 Conc
Photometric Accuracy	± 0.5% T
Photometric Repeatability	Better than 0.3% T
Stray Light	Less than 0.15% T
Baseline Flatness	± 0.004 A
Stability	0.002 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	21.7"W x 16.5"D x 10.6"H 550mm x 420mm x 270mm
Instrument Weight	44 lbs (20 kg)
Warranty	One Year

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Item No.	Description
SQ2800	Model SQ2800 Scanning UV/Vis, 4nm, 110V
SQ2800E	Model SQ2800E Scanning UV/Vis, 4nm, 220V
SQ2800P	Model SQ2800P with Built-in Printer, 4nm, 110V
S2Q2800PE	Model SQ2800PE with Built-in Printer, 4nm, 220V
SQ2800-405	SpectroQuest Data Download Software for PC's
SQ2800-401	Advanced Application Software for PC's

Contact UNICO for additional parts and accessories

Did you know that UNICO services spectrophotometers? Contact us for more details.