

# Advanced Scanning Spectrophotometer

Model: SQ2802

- UNICO SQ SERIES UV-VISIBLE SCANNING SPECTROPHOTOMETER
- STANDARD FUNCTIONS INCLUDE SCANNING KINETICS STANDARD CURVE AND MORE
- EXPANDED DIGITAL INTERFACE WITH INTERNAL MEMORY AND AUTO SYSTEM CHECK
- WAVELENGTH RANGE 190-1100NM
- 1.8NM SPECTRAL BANDWIDTH
- 4 PLACE HOLDER FOR 10 MM SQUARE CUVETTES
- USB PORT FOR OPTIONAL SOFTWARE
- INCLUDED ARE 2PCS OF 10MM SQUARE QUARTZ CUVETTES; 4 PCS OF 10MM SQUARE GLASS CUVETTES; DUST COVER; USER MANUAL
- VOLTAGE PRESET AT 110V



SQ-2802/2802S has all the features that SpectroQuest line offers in a stand-alone unit.

It is a stand-alone model with 1.8nm fixed ( SQ2802) or variable (SQ2802S) bandwidth and has all the features that the 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 comfort viewing. The large sample compartment accommodates a wide range of cell holders and accessories including peristaltic sipper and peltier system. Optional software make this instrument very versatile.



## ADDITIONAL INFORMATION

### ACCESSORIES

### Software

SQ2800-401	Advanced Pc Window Software Package for SQ2800/2802 Featuring %T/Abs/Conc., Standard Curve, Kinetics, DNA/Protein, Scanning, Multi-Wavelength. Usb Cable and Manual Included.
SQ3802-401	Advanced Pc Window Software Package for SQ3802 Featuring %T/Abs/Conc., Standard Curve, Kinetics, DNA/Protein, Scanning, Multi-Wavelength. Usb Cable and Manual Included.
SQ4802-401	Advanced Pc Window Software Package for SQ4802 Featuring %T/Abs/Conc., Standard Curve, Kinetics, DNA/Protein, Scanning, Multi-Wavelength. Usb Cable and Manual Included.
	Header Accessories
SQ2800-101p	Test Tube Holder Kit for 8~20mm Diameter Test Tubes. Includes Universal Base, V-Type Tube Holder
SQ2800-102p	Long Path Cell Holder Kit for 4 Cells Up To 100 Mm. Pathlength. Includes Universal Base & One Holder
SQ2800-102p-50	Long Path Cell Holder Kit for 4 Cells Up To 50 Mm. Pathlength. Includes Universal Base & One Holder
SQ2800-103p	4 Place Cell Manual Holder for 10mm Cuvettes. Standard with The SQ2800, 2802, 2802s
SQ2800-104p	Cylindrical Cell Holder Kit for Cells Up To 100 Mm Pathlength. (22mm Dia.). Includes Universal Base & One Holder
SQ2800-105p	Water-Jacketed Cuvette Holder Kit for 10 Mm Single Square Cuvette Includes Universal Base, Water-Jacketed Holder with Flow-thru Panel (Water Bath Required)
SQ2800-106p	Micro Cell Holder Kit for Use with 10 Mm Microcuvettes. Includes Adjustable X-Y Base and Single Cuvette Holder for 10mm Square Cuvette
SQ2800-107a	Peltier Thermoelectric Single Cell Holder with Panel
SQ2800-107b	Peltier Controller Unit for Controlling Temperature: 15°C~40°C (Requires Peltier Cell Holder #SQ2800-107a)



	SQ2800-107P	Peltier Package for Continuous Temperature Control From 15? To 40? C. Includes P/N Sq2800-107a Peltier Thermal Electric 10mm Cell Holder with Panel And P/N Sq2800-107b Peltier Controller Unit
	SQ2800-108a	Flow-Thru Panel for Use with Ambient Flowcell System (Requires Flowcell, Tubing and P/N SQ2800-109b Flow-Thru/Peltier Controller)
	SQ2800-108p	Ambient Flow-Thru Package. Includes P/N SQ2800-108a Flow-Thru Panel and P/N SQ2800-109b Flow-Thru/Peltier Controller and (Requires Flowcell and Tubing)
	SQ2800-109a	Peltier/Sipper Panel and Thermoelectric Single Cell Holder for Temperature-Controlled Flow-Thru Setup (Requires Flowcell, Tubing and P/N SQ2800-109b Peltier/Sipper Controller)
	SQ2800-109b	Peltier/Sipper Controller Unit Controlling Temperature: 15°C~40°C (Requires SQ2800-109a)
	SQ2800-109P	Peltier/Sipper Package for Flow Through and Continuous Temperature Control From 15? To 40°C Includes P/N S-2800-109a Peltier/Sipper Cell Holder with Panel And P/N Sq2800-109b Peltier/Flow-Thru Controller (Requires Flowcell And Tubing)
	SQ2800-121	8-Position Auto Cell Changer for Use with SQ2800/2802/3802 Series
	SQ4802-120	6-Position Auto Cell Changer for Use with SQ4802 Series
	SQ2800-122	Reflectance Measurement Attachment
	SQ2800-132	Thin Film Measurement Attachment
SPECIFICATION	Wavelength Range	190 - 1100 nm
	Slit Width	1.8 nm
	Optical System	Single Beam, Grating System 1200 lines/mm
		Wavelength Accuracy
SIZE AND WEIGHT	Dimensions	620(L) x 400(W) x 280(H) mm
	Weight	22 kg / 48 lbs
	Shipping Dimensions	720(L) x 525(W) x 370(H) mm
	Shipping Weight	26 kg / 57 lbs

