

Short Description

UNICO SQ SERIES DOUBLE-BEAM 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

2 SINGLE PLACE HOLDERS FOR 10 MM SQUARE CUVETTES(REFERENCE AND TEST)

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

Description

UNICO SQ-4802 is a Double beam design. It is a stand-alone model with 1.8 nm fixed bandwidth and has all the features that SpectroQuest line offers in a stand-alone unit. The two detectors are measuring sample and reference respectively and simultaneously for optimizing measurement accuracy. 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 software make this instrument versatile.

Additional Information

	Header	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)
Accessories	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	Split Beam, Grating System 1200 lines/mm
	Wavelength Accuracy	
Size and Weight	Dimensions	620(L) x 400(W) x 280(H) mm
	Weight	24 kg / 53lbs
	Shipping Dimensions	720(L) x 525(W) x 370(H) mm
	Shipping Weight	28 kg / 62 lbs