

# Double Beam Spectrophotometer

Model: SQ4802

- 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



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

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| <b>TOP SELECTION</b> | No  |
| <b>ACCESSORIES</b>   | <p><b>Software</b></p> <p>SQ2800-401<br/>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.</p> <p>SQ3802-401<br/>Advanced Pc Window Software Package for SQ3802 Featuring %T/Abs/Conc., Standard Curve, Kinetics, DNA/Protein, Scanning, Multi-Wavelength. Usb Cable and Manual Included.</p> <p>SQ4802-401<br/>Advanced Pc Window Software Package for SQ4802 Featuring %T/Abs/Conc., Standard Curve, Kinetics, DNA/Protein, Scanning, Multi-Wavelength. Usb Cable and Manual Included.</p> <p><b>Header Accessories</b></p> <p>SQ2800-101p<br/>Test Tube Holder Kit for 8~20mm Diameter Test Tubes. Includes Universal Base, V-Type Tube Holder</p> <p>SQ2800-102p<br/>Long Path Cell Holder Kit for 4 Cells Up To 100 Mm. Pathlength. Includes Universal Base &amp; One Holder</p> <p>SQ2800-102p-50<br/>Long Path Cell Holder Kit for 4 Cells Up To 50 Mm. Pathlength. Includes Universal Base &amp; One Holder</p> <p>SQ2800-103p<br/>4 Place Cell Manual Holder for 10mm Cuvettes. Standard with The SQ2800, 2802, 2802s</p> <p>SQ2800-104p<br/>Cylindrical Cell Holder Kit for Cells Up To 100 Mm Pathlength. (22mm Dia.). Includes Universal Base &amp; One Holder</p> <p>SQ2800-105p<br/>Water-Jacketed Cuvette Holder Kit for 10 Mm Single Square Cuvette Includes Universal Base, Water-Jacketed Holder with Flow-thru Panel (Water Bath Required)</p> <p>SQ2800-106p<br/>Micro Cell Holder Kit for Use with 10 Mm Microcuvettes. Includes Adjustable X-Y Base and Single Cuvette Holder for 10mm Square Cuvette</p> <p>SQ2800-107a<br/>Peltier Thermoelectric Single Cell Holder with Panel</p> |



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|  | 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   |

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| <b>SPECIFICATION</b> | <b>Wavelength Range</b> | 190 - 1100 nm                            |
|                      | <b>Slit Width</b>       | 1.8 nm                                   |
|                      | <b>Optical System</b>   | Split Beam, Grating System 1200 lines/mm |
|                      |                         | Wavelength Accuracy                      |

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|------------------------|----------------------------|-----------------------------|
| <b>SIZE AND WEIGHT</b> | <b>Dimensions</b>          | 620(L) x 400(W) x 280(H) mm |
|                        | <b>Weight</b>              | 24 kg / 53lbs               |
|                        | <b>Shipping Dimensions</b> | 720(L) x 525(W) x 370(H) mm |



**Shipping Weight**

28 kg / 62 lbs

