

**UNICO 1000 Series**

Precisely designed and ruggedly built, this easy-to-use spectrophotometer is ideal for student use in high schools and colleges. It is suitable for general analysis and experiments such as Beer-Lambert, Absorption Spectrum, Chlorophyll, Protein (biuret test) plus more.

- Dynamic Range of 400-1000 nm
- Built-in secondary filters reduce stray light and increase precision.
- The student-proof positive safety stopper integrated with the wavelength dial prevents damage to the monochromator and grating.
- Large digital display
- Analog interface with external analog device.
- Comes with 1/2 inch round tube holder, 10 mm square cuvette adapter, box of 12 round tubes
- 110 V and 220V switchable
- Fully packed and ready to use.

**UNICO 1100 Series**

Simple, reliable and economical. Great for use in many types of laboratories, including educational, clinical, industrial and environmental labs. Options include COD vial holders, Windows® based application software (1100RS only) and more.

- Dynamic Range of 335-1000 nm
- Maintenance-free Wavelength Knob with built-in Metal Stopper
- Built-in Accessory Output: Analog, RS232 (1100RS)
- Auto zero function
- Easy to read display
- Flexible Sample Compartment
- Solid State Detector for entire wavelength range
- Built-in filters to ease operation

**UNICO 1200 Series**

Reliable and expandable. UNICO Model 1200 has Absorbance, Transmittance and Concentration modes with automatic zeroing and blanking in a single button push. Its optional features include Window based application software for easy data collection by using Microsoft Excel. Its tool-free and alignment-free lamp is ideal for any standard spectrophotometer application, while staying within a conservative budget.

- Dynamic Range of 325-1000 nm
- Digital display of photometric result
- Easy operation
- Auto zero function
- Flexible Sample Compartment
- Solid State Detector for entire wavelength range
- Built-in filters to ease operation

**The UNICO 2100**

This spectrophotometer is fully flexible, easy-to-use and provide maximum performance expected from precise optics. The 2100 Series features an expandable sample compartment for up to 100 mm path length cells. Optional accessories include temperature control (Peltier or water bath), UNICO Application Software for Windows.

- Dynamic Range of 325/200-1000 nm
- Digital display of photometric result
- Easy operation
- Auto zero function
- Flexible Sample Compartment
- Solid State Detector for entire wavelength range
- Built-in filters to ease operation
- Complete Accessories for easy instrument operation
- Optional Application Software Package
- Peltier/Zipper Package for flowthru and continuous temperature control from 15°C to 40°C

**UNICO SQ-2800**

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 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 PC download software and PC Windows® application software make this instrument very versatile.

Wavelength Range	190 - 1100 nm
Spectral Bandwidth	4 nm
Monochromator	Single beam Littrow type, grating 1200 lines/mm
Wavelength Accuracy	±0.8 nm
Wavelength Repeatability	±0.5 nm
Wavelength Calibration	automatic at start
Light Source	Tungsten Halogen/Deuterium Lamp
Detector	Solid Silicon Photodiode

**UNICO SQ-2802 series**

An advanced single beam design consisting of a stand-alone model with 1.8nm fixed bandpass.

SQ-2802 provides excellent performance for measurements. The large sample compartment accommodates a wide range of cell holders and accessories including peristaltic sipper and peltier system.

Wavelength Range	190 - 1100 nm
Spectral Bandwidth	1.8 nm / 0.5, 1, 2, 5 nm
Monochromator	Single beam Littrow type, grating 1200 lines/mm
Wavelength Accuracy	±0.3 nm
Wavelength Repeatability	±0.2 nm
Wavelength Calibration	automatic at start
Light Source	Tungsten Halogen/Deuterium Lamp
Detector	Solid Silicon Photodiode

**UNICO SQ-3802**

A split 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 second detector is simultaneously monitoring the system stability to optimize measurement accuracy. It provides excellent performance for measurements in the range of 190nm to 1100nm. It has a large angled LCD screen with viewing contrast adjustment. The large sample compartment 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 a versatile instrument.

Wavelength Range	190 - 1100 nm
Spectral Bandwidth	1.8 nm
Monochromator	Split beam Littrow type, grating 1200 lines/mm
Wavelength Accuracy	±0.3 nm
Wavelength Repeatability	±0.2 nm
Wavelength Calibration	automatic at start
Light Source	Tungsten Halogen/Deuterium Lamp
Detector	Solid Silicon Photodiode

**UNICO SQ-4802**

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 PC download software and PC Windows® application software make this instrument versatile.

Wavelength Range	190 - 1100 nm
Spectral Bandwidth	1.8 nm
Monochromator	Double beam Littrow type, grating 1200 lines/mm
Wavelength Accuracy	±0.3 nm
Wavelength Repeatability	±0.2 nm
Wavelength Calibration	automatic at start
Light Source	Tungsten Halogen/Deuterium Lamp
Detector	Solid Silicon Photodiode