



SP UV Series Spectrophotometers

SP1000UV / SP3000UV — Precision UV-Vis, Built for Every Lab

The SP1000UV and SP3000UV are a matched series of single-beam UV-Vis spectrophotometers engineered to deliver precision and reliability across a broad range of laboratory applications. Both instruments feature a dual tungsten/deuterium light source, silicon photodiode detector, and a 5-inch TFT color touchscreen, providing an intuitive and consistent user experience. With a 4 nm spectral bandwidth, 0.1 nm resolution, and scan speeds up to 10,000 nm/min, the series is built for efficiency without compromising accuracy.

Product Overview



SP1000UV

Single-beam UV-Vis

- Wavelength range: 195 – 1050 nm
- 4 nm spectral bandwidth, 0.1 nm resolution
- Dual tungsten/deuterium light source
- Photometry & quantitation modes
- ± 0.003 A photometric accuracy

Best for quality control labs, educational institutions, and routine sample analysis where reliable photometry and quantitation are the primary requirements.



SP3000UV

Single-beam UV-Vis

- Extended wavelength range: 190 – 1100 nm
- 4 nm spectral bandwidth, 0.1 nm resolution
- Dual tungsten/deuterium light source
- Photometry, quantitation & spectrum scanning modes
- Improved ± 0.002 A photometric accuracy

Best for research laboratories, method development, and advanced analytical workflows requiring full spectrum scanning, higher photometric accuracy, and greater measurement flexibility.

Key Features

<p>Wide Wavelength Range 195–1100 nm coverage with 0.1 nm resolution for versatile analytical applications</p>	<p>Touchscreen Interface 5-inch TFT color touchscreen for intuitive operation and real-time data visualization</p>	<p>Fast Scanning Speed Up to 10,000 nm/min maximum scan rate for rapid throughput in high-volume labs</p>
<p>Dual Light Source Combined tungsten and deuterium lamps ensure optimal performance across the full UV-Vis spectrum</p>	<p>Universal Connectivity RS232, USB-A, and USB-B ports enable seamless printer, storage, and PC integration</p>	<p>Universal Power Wide-range 100–240V AC input for worldwide lab use without voltage adapters</p>