



SP Series Spectrophotometers

SP1000 / SP3000 — Wide Range, Standard Resolution

The SP1000 and SP3000 are part of MPD Scientific's SP-Series, sharing a common platform built around ease of use and consistent optical performance. Both feature a halogen light source, 4 nm bandwidth, touchscreen interface, and connectivity options. The SP1000 covers routine photometry and quantitation, while the SP3000 adds a wider wavelength range, spectrum scanning, and tighter stray light performance for more demanding work — offering a natural upgrade path without changing workflows.

Product Overview



SP1000

Visible Spectrophotometer

- Wavelength Range: 320 – 1050 nm
- Light Source: Tungsten - Halogen
- Bandwidth: 4 nm
- Wavelength Accuracy: ± 0.8 nm
- Wavelength Repeatability: ≤ 0.3 nm
- Modes: Photometry, Quantitation

Best for: Routine visible-range QC and educational labs.



SP3000

Visible Spectrophotometer

- Wavelength Range: 320 – 1100 nm
- Light Source: Tungsten - Halogen
- Bandwidth: 4 nm
- Wavelength Accuracy: ± 0.5 nm
- Wavelength Repeatability: ≤ 0.2 nm
- Modes: Photometry, Quantitation, Spectrum

Best for: Research and academic laboratories

Key Features

<p>Single Beam Optical System</p> <p>Consistent, reliable measurements with a Tungsten light source across the full visible range</p>	<p>4 nm Spectral Bandwidth</p> <p>Dependable wavelength selection for accurate absorbance and transmittance measurements</p>	<p>Intuitive Touchscreen Control</p> <p>5-inch TFT color touchscreen for straightforward operation with minimal training</p>
<p>High-Speed Wavelength Swing</p> <p>10,000 nm/min swing speed for rapid wavelength changes between measurements</p>	<p>Flexible Storage & Connectivity</p> <p>Built-in 236 KB storage with unlimited USB expansion plus RS232, USB-A, and USB-B ports</p>	<p>Universal Power</p> <p>100–240V AC compatibility for use in any lab environment worldwide</p>