



The spectrophotometer is a double-beam optical system that can restrain drift, compensates for blank changes, Suitable for long-time tests. It is simple to fit a curve by using your standard with single or dual WL. It has a wavelength scanning function using PC software. It is widely used in colleges and QC labs.

Specifications

- **Wavelength Range:** 190–1100 nm
- **Spectral Bandwidth:** 1 nm
- **Optical System:** Double Beam, Blazed Holographic Grating (1200 lines/mm)
- **Wavelength Accuracy:** ± 0.5 nm
- **Wavelength Repeatability:** ≤ 0.2 nm
- **Wavelength Setting:** Auto, Resolution 0.1 nm
- **Photometric Range:**
 - 0~200%T
 - -4~4A
 - 0~9999C
- **Photometric Accuracy:**
 - ± 0.002 A (0~0.5A)
 - ± 0.003 A (0.5~1A)
 - $\pm 0.3\%$ T (0~100%T)

Note: Specifications are subject to change, Photos shown above are Indicative, Actual Product can Vary.



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- **Photometric Repeatability:**
 - ≤ 0.001 A (0~0.5A)
 - ≤ 0.002 A (0.5~1A)
 - $\leq 0.2\%$ T (0~100%T)
- **Stray Light:** $\leq 0.05\%$ T (220/360 nm)
- **Scan Speed:** High, Medium, Low (Max. 3200 nm/minute)
- **Baseline Flatness:** ± 0.0015 A
- **Stability:** ± 0.001 A/h (500 nm, 0A)
- **Noise:**
 - $\leq 0.2\%$ T/3 min (250/500 nm, 0%T)
 - $\leq 0.5\%$ T/3 min (250/500 nm, 100%T)
- **Sample Compartment:** 10 mm Pathlength Cuvette
- **Detector:** Silicon Photodiode
- **Lamps:** Tungsten Lamp & Deuterium Lamp (Pre-aligned)
- **Display:** Graphic LCD (320 × 240 Dots)
- **Keypad:** 30-key Alphanumeric Membrane Keypad
- **Output Port:** USB Port
- **Printer:** Mini Serial Printer; PC Printer
- **PC Software:** UV Analyst Scanning Software
- **Power Requirements:** AC 90–250V, 50/60 Hz
- **Dimension:** 545 × 468 × 245 mm
- **Weight:** 18 kg

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