

SP5000UV

MODEL



SP5000UV Spectrophotometer

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Ratio-beam UV-Vis, 190–1100 nm, 0.3 nm resolution, 8" touchscreen

RATIO-BEAM

0.3nm RES.

8" TOUCH

High-specification ratio-beam UV-Vis: 190–1100 nm, 0.3 nm resolution, 2 nm bandwidth. Ratio-beam design compensates for lamp fluctuations at a lower cost than full double-beam. Tungsten + deuterium dual lamps. 8-inch 1280x800 TFT touchscreen.

KEY FEATURES

- 1200 l/mm holographic grating and optimized split beam optical design for superior accuracy and stability
- All-aluminum die-cast base and molded plastic shell ensure long-term durability
- Patented wavelength driving mechanism improves repeatability and reduces noise
- External 8-inch IPS color touchscreen tablet (2GB RAM, 32GB SSD) for intuitive operation and scalability
- Wide sample compartment compatible with 5–100 mm sample holders and accessories
- Automatic self-calibration and preheating upon startup
- Comprehensive analytical and measurement functions with user-defined method setup
- 21 CFR-compliant software with full GLP/GMP functions for secure and traceable operation
- Multiple connectivity: USB (OTG), Wi-Fi, Bluetooth, HDMI, and SD card reader
- Supports external devices: keyboard, mouse, scanner, and printer
- Open data interface protocol enables system integration

SPECIFICATIONS

Beam:	Ratio / Split-Beam	Range:	190–1100 nm
Resolution:	0.3 nm	Bandwidth:	2 nm
Lamp:	Tungsten + Deuterium	Display:	8" TFT 1280x800
Weight:	10.7 kg		

Warranty: 1 year | Compliance: CE