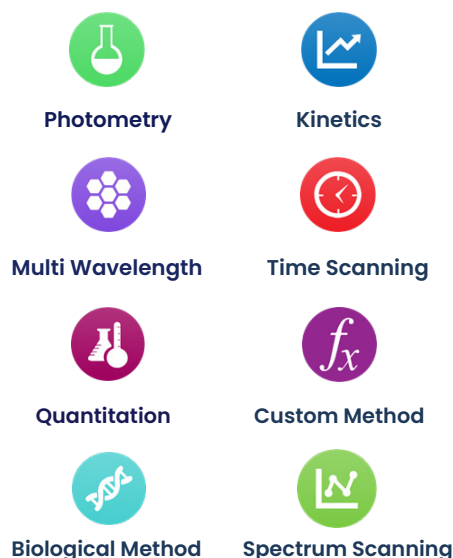


MX5000 UV-Vis Spectrophotometer



The MX5000 UV/Visible Spectrophotometer delivers uncompromising accuracy and reliability for laboratories that demand both analytical excellence and regulatory compliance. Designed with a split beam optical system and powered by an integrated 8-inch touchscreen interface, the MX5000 combines advanced optical engineering with intelligent operation for a superior user experience.

Key Features

Split-Beam Optical System – Provides exceptional stability and accuracy by compensating for source intensity fluctuations in real time.

1200 l/mm Holographic Grating – Ensures precise wavelength dispersion with minimal stray light and high spectral resolution.

Flashing Xenon Lamp – Offers instant readiness, long lifespan, and consistent illumination for accurate measurements.

10.1" IPS Color Touchscreen – Capacitive display with vivid visualization, intuitive navigation, and responsive touch control.

Advanced Data Management – 128GB internal storage with support for USB, SD card, Wi-Fi, and Bluetooth expansion.

Full 21 CFR Part 11 / GLP / GMP

Compliance – Enables traceable, secure analytical workflows for regulated environments.

Specifications	MX5000 Series
Optical System	Split Beam
Light source	Flashing Xenon Lamp
Spectral Bandwidth	2 nm
Wavelength Range	190 ~ 1100 nm
Detector	Dual Silicon Photodiode
Sample Holder	10 mm 4-cell manual charger
Display	10.1-inch IPS Color Capacitive Touchscreen
Storage	128 GB Built-in (Expandable via USB/SD Card)
Dimensions (mm)	456 (W) × 360 (D) × 185 (H)
Weight	11 kg

Applications

- Pharmaceutical and biotechnology research
- Academic and industrial R&D
- Environmental, food, and chemical analysis
- Quality control and process validation
- Quantitative, kinetic, and spectral analysis across UV and visible ranges

