

Model :

XM-B39



Double Beam UV-Vis Spectrophotometer

FEATURES:

- USB storage
- Different working modes
- Automatic wavelength setting
- USB port data transfer
- Compact design

Overview

Double Beam UV-Vis spectrophotometer XM-B39 offers 190 to 1100 nm and a spectral bandwidth of 2 nm. It has a 10.1-inch highresolution TFT-colored touch screen and for better user experience. This spectrophotometer and its in-house memory, save up to 1024 MB of test data and working curves. It offers different work modes high, medium, and low, with a maximum speed of 3000nm/min. Our spectrophotometer is widely used for Photometric measurement, Quantitative measurement, Kinetics, Spectrum scan, DNA\Protein test, multi-wavelength test, and more.

SPECIFICATIONS:

Model	XM-B39
Wavelength Range	190 to 1100 nm
Spectral Bandwidth	2 nm
Wavelength Setting	Automatic
Optical System	Double Beam, Grating 1200 lines/ mm
Wavelength Accuracy	± 0.1 nm at 656.1 nm, ± 0.3 nm at all
Wavelength Repeatability	Up to 0.1 nm
Photometric Accuracy	$\pm 0.2\%$ T (0 to 100% T), ± 0.002 A (0 to 0.5A), ± 0.004 A (0.5 to 1A)
Photometric Repeatability	Up to 0.15% T (0 to 100% T), 0.001 A (0 to 0.5 A), 0.002 A(0.5 to 1 A)

Photometric Range	0 to 200% T, -0.3 to 3 A, 0 to 9999 C
Stray Light	Up to 0.03% T at 220 ^o nm, 360 nm
Stability	± 0.0003 A/h at 500 nm
Baseline Flatness	±0.001 A
Noise	0.0005 A at 500 nm
Work Mode	T, A, C, E
Scanning Speed	Hi, Med, Low (Max. 3000 nm/min)
Display	10.1-inch TFT-colored capacitive touch screen
Light Source	Imported Deuterium and tungsten lamp
Detector	Imported silicon photodiode
Cuvette Holder	10 mm single-hole cell holder
Output	USB drive, USB host, RS232
Power Supply	AC 110 to 220V 50 to 60Hz
Dimensions	700 × 680 × 340 mm
Gross Weight	20kg

Applications :

Our Double Beam UV-Vis spectrophotometer XM-B39 offers powerful functions like photometric measurement, quantitative measurement, kinetics, spectrum scan, DNA/protein test, multiwavelength, etc. Its versatility and accuracy make it an essential tool in laboratories and industries for precise sample analysis.

Standard Accessories :

- 10 mm glass cuvette × 4
- 10 mm quartz cuvette × 2
- Power cord × 1
- PC software ×1

XENOMECH ANALYTICAL INSTRUMENTS PVT. LTD

Mfrs.: HIGH QUALITY ANALYTICAL & SCIENTIFIC LABORATORY INSTRUMENTS