UV-Vis Spectrophotometer

Model **MSTQNVW7111USWISS** | Brand **Master Science** | Unit **Pc**



UV VIS Spectrophotometer MSTQNVW7111USWISS Key Features: Wavelength Range: 190-1100 nm Single Beam Design: Offers high accuracy with reliable readings. Data Output Port: USB, allowing for seamless data transfer and connectivity. Touchscreen: Equipped with a 7" touchscreen for easy operation. Built-in Storage: 32GB memory and Bluetooth support for network connectivity.

KEY HIGHLIGHTS

- Data Output Port
- Advanced Data Analysis
- Automatic Start-Up Verification
- Data Export

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Key Features

OFFERS HIGH ACCURACY WITH RELIABLE READINGS.

Data Output Port
USB, allowing for seamless data transfer and connectivity.

Advanced Data Analysis
Includes functions like photometric measurement, spectral scanning, multi-wavelength testing, and data printing.

Enhances stability by isolating the optical path from external vibrations.

Automatic Start-Up Verification
Ensures accuracy and reliability over long-term use.

Data Export
Allows data export to a USB for further analysis or reporting.

Technical Specifications

PARAMETER	SPECIFICATION
Wavelength Range	190-1100 nm
Touchscreen	Equipped with a 7" touchscreen for easy operation.
Built-in Storage	32GB memory and Bluetooth support for network connectivity.
Wavelength Range	190-1100 nm
Spectral Bandwidth	2 nm
Wavelength Accuracy	±0.5 nm

PARAMETER	SPECIFICATION
Stray Light0.05%T @ 220 nm, 360 nm	
Wavelength Repeatability≤0.1 nm	
Photometric Repeatability (Stability)±0.001 Abs/h @ 500 nm	
Photometric Repeatability (Photometric Range)0-200%T, -0.3-3.0 A, 0-9999 C	
Photometric Repeatability (Baseline Flatness)±0.001 Abs	
Photometric Repeatability (Noise)±0.005 Abs	
Photometric Repeatability (Display)800 x 480 touch screen	
Photometric Repeatability (Light Source)Tungsten Lamp & Deuterium Lamp	
±0.2T (0-100%T)	
±0.002 Abs (0-0.5 Abs)	
±0.004 Abs (0.5-1.0 Abs)	
≤0.05%T (0-100%T)	
0.001 Abs (0-0.5 Abs)	
0.002 Abs (0.5-1.0 Abs)	

Standard Accessories Included

- AC220V/50Hz or 110V/60Hz
- Detector: Silicon Photodiode
- Dimensions: 461 x 381 x 181 mm
- Weight: 22 kg
- Spectrophotometer - 1 set
- 1 cm Glass Cuvette - 4 pcs
- Power Cord - 1 pc
- User’s Manual - 1 pc
- 1 cm Quartz Cuvette - 2 pcs
- Dust Cover - 1 pc
- This UV VIS Spectrophotometer is designed to offer precise and reliable performance for various analytical applications. With advanced features, a durable optical system, and easy-to-use data management tools, it is an excellent choice for research and quality control.