Single Beam UV/Vis Spectrophotometer

Model **MSBKUV1000GSWISS** | Brand **Master Science** | Unit **Pc**



MSBKUV1000GSWISS Single Beam UV/Vis Spectrophotometer: Specification: • Model: MSBKUV1000GSWISS • Optical System: Single beam, grating 1200L/mm • Wavelength Range: 200 ~ 1020 nm • Spectral Bandwidth: 4 nm • Wavelength Accuracy: ±1.5 nm • Wavelength Repeatability: ≤0.2 nm • Photometric Accuracy: o ±0.002 Abs (0 ~ 0.5 Abs) o ±0.004 Abs (0.5 ~ 1.0 Abs) o ±0.4%T (0 ~ 100%T) • Photometric Repeatability: o 0.001 Abs (0 ~ 0.5 Abs) o 0.002 Abs (0.5 ~ 1.0 Abs) o <0.2%T (0 ~ 100%T) •...

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Technical Specifications

PARAMETER	SPECIFICATION
Optical System	Single beam, grating 1200L/mm
Wavelength Range	200 ~ 1020 nm
Spectral Bandwidth	4 nm
Wavelength Accuracy	±1.5 nm
Wavelength Repeatability	≤0.2 nm
Photometric Repeatability (Stray Light)	≤0.1%T (220 nm, 360 nm)
Photometric Repeatability (Stability)	±0.001 A/h (500 nm)
Photometric Repeatability (Photometric Range)	-0.301 ~ 3.0 A, 0 ~ 200%T, 0 ~ 9999C
Photometric Repeatability (Photometric Mode)	A, T, C, E
Photometric Repeatability (Wavelength Setting)	Automatic
Photometric Repeatability (Output)	RS232 printer data output, USB-B connection
Photometric Repeatability (Detector)	Imported silicon photodiode
Photometric Repeatability (Light Source)	Deuterium lamp, tungsten lamp
±0.002 Abs (0 ~ 0.5 Abs)	
±0.004 Abs (0.5 ~ 1.0 Abs)	
±0.4%T (0 ~ 100%T)	
0.001 Abs (0 ~ 0.5 Abs)	
0.002 Abs (0.5 ~ 1.0 Abs)	

PARAMETER	SPECIFICATION
<0.2%T (0 ~ 100%T)	

Standard Accessories Included

- 4 × glass cuvette, 2 × quartz cuvette
- Power Supply: 100 ~ 220V, 50/60Hz
- External Size: 467 × 385 × 202 mm
- Net Weight: 11.7 kg
- This spectrophotometer is designed for high-precision measurement of light absorbance, suitable for a variety of laboratory applications.