

Single Beam UV/Vis Spectrophotometer



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:**
 - ± 0.002 Abs (0 ~ 0.5 Abs)
 - ± 0.004 Abs (0.5 ~ 1.0 Abs)
 - $\pm 0.4\%$ T (0 ~ 100%T)
- **Photometric Repeatability:**

- 0.001 Abs (0 ~ 0.5 Abs)
- 0.002 Abs (0.5 ~ 1.0 Abs)
- <0.2%T (0 ~ 100%T)
- **Stray Light:** <0.1%T (220 nm, 360 nm)
- **Stability:** ± 0.001 A/h (500 nm)
- **Photometric Range:** -0.301 ~ 3.0 A, 0 ~ 200%T, 0 ~ 9999C
- **Photometric Mode:** A, T, C, E
- **Wavelength Setting:** Automatic
- **Output:** RS232 printer data output, USB-B connection
- **Detector:** Imported silicon photodiode
- **Light Source:** Deuterium lamp, tungsten lamp
- **Standard Accessories:** 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.