

Thermomac

Single-Beam Spectrophotometer

UVS502

The large LCD enables easy, controlled operation throughout the analysis process.

The 10 mm manual four-cell cuvette holder supports four samples with 0.5%T photometric accuracy and 0.2%T photometric repeatability, delivering accurate and reliable results.

The manual cuvette-holder control knob allows samples to be analyzed in any desired sequence and with repeated measurements.

The manually adjustable Thermomac UVS502 Single-Beam Spectrophotometer enables measurements from 190 to 1100 nm with 1 nm wavelength accuracy.

Technical Specifications

Model	UVS502
Optical System	Single Beam - 1200 lines/mm
Wavelength Range	190-1100 nm
Spectral Bandwidth	2 nm
Wavelength Accuracy	1 nm
Wavelength Repeatability	≤ 0.2 nm
Photometric Accuracy	0.5%T
Photometric Repeatability	0.2%T
Photometric Range	0-200%T
Stray Light	0.15%T
Stability	±0.0002 A
Baseline Flatness	±0.002 A
Noise	±0.001 A
Operating Modes	T, A, C, E
Wavelength Setting	Automatic
Display	128 × 64 LCD
Light Source	Imported Deuterium & Tungsten Lamps
Detector	Imported Silicon Photodiode
Cuvette Holder	10 mm Manual 4-Cell Holder
Output	USB and Parallel Port (Printer)
Power	AC 220V/50Hz; AC 110V/60Hz
Dimensions	700 × 580 × 340 mm
Weight	20 kg
Accessories	4 × 10 mm Glass Cuvettes, Power Cable
Accessories	2 × 10 mm Quartz Cuvettes (UV), User Manual

