

The Shimadzu UV-1601 PC is a UV/Visible double beam spectrophotometer.

It provides high performance with an optical bench that is equipped with a monochromator allowing for trouble-free operation. Specifications:

Lighting: 50W halogen lamp (long-life 2000 hour), Deuterium lamp (sockettype), On-board automatic light source positioning mechanism.

Stray Light: Photometric System: double beam optics



Wavelength Range: 190-1100 nm

Operating Conditions: Room temperature 15-35Deg C, Humidity 45-80%

Bandwidth: 2 nm

Scanning Speed: 3200nm/min to 160nm/min

Detector: Silicon photodiode

Optical System: Monochromator uses aberration-correcting concave blazed holographic grating

Photometric Range: Absorbance of -0.5~3.999 Abs / Transmittance of 0.0~300%

Sample Compartment: Interior dimensions: 110Wx230Dx105H (mm)

Distance between beams: 100mm

Removable type 2-screw attachment Beam dimensions: 1x10mm (WxH) (at center of sample compartment)

Additional Specifications Wavelength Accuracy: +/- 0.5 nm

Wavelength Reproducibility: +/- 0.1 nm