

Cary 5000 Spectrophotometer

Wavelength Range 175-900 175-3300

Photometric Accuracy (Abs) UV-Vis 0.0003

Wavelength Accuracy (nm) UV-Vis +/- 0.1, NIR +/- 0.4

Photometric Range (Abs) 8

Maximum Scan Rate (nm/min)/(cm⁻¹ /min*)/Å/min) UV-Vis 2000/31206/20000,
NIR 8000/57142/80000

Beam Splitting System Chopper 30 Hz

Detectors UV-Vis R928 PMT, NIR Cooled PbS Photocell

Accessory

DRA-2500, Intrnally mounted Diffuse Reflectance Accessory for Cary 5000. Has its own PMT (UV-Vis range) and peltier cooled Lead Sulfide PbS detector (NIR range).

Spectral Range 200-2500 nm.