DETAILED SPECIFICATION

Optical System	Czerny-Turner Monochromator with high resolution grating
Spectral Band width	0.1 – 5nm user definable in steps of 0.1nm
Working Mode	PC Mode with USB connection.
Software Support	UV/Win-Pro Software
Wavelength range	190 – 900nm
Wavelength Accuracy	± 0.3nm (Automatic Wavelength Correction)
Wavelength Reproducibility	0.1nm
Light Source	Automatic interchange (selectable within the working range of light source)
Stray Light	≤ 0.01% T (220nm)
Photometric mode	Transmission, Absorption, Reflectance, Energy & Concentration
Photometric Range	-4.0 to 4.0 Abs
Photometric Accuracy	± 0.002Abs (0-0.5A) ± 0.004Abs (0.5 -1.0A) ± 0.3%T (0-100%T)
Photometric Reproducibility	0.001Abs (0 – 0.5A)
Baseline Flatness	± 0.001Abs
Baseline Stability	0.0004Abs/Hr (500nm, after pre heat)
Photometric Noise	± 0.001Abs (500nm,0Abs, 2nm Spectral Bandwidth)