Detailed Specification

Optical System	Double Beam
Spectral Band width	2nm Fixed Bandpass (T85) and a variable bandpass of 0.5, 1.0, 2.0 and 5nm (T85+)
Scan Speed	Selectable
Working Mode	Embedded Touch Screen PC operating in Microsoft Windows 8(TM)
Software Support	UV/Win Software v 6.0 (Full GLP version available on request)
Standard Functionality	Photometric, Quantitative, Spectrum Scanning with 3D data representation and Kinetic measurements.
Wavelength Range	190 – 1100nm
Wavelength Accuracy	± 0.3nm (Automatic Wavelength Correction)
Wavelength Reproducibility	0.2nm
Stray Light	≤ 0.05% T (220nm NaI, 340nm NaNo2)
Photometric mode	Transmission, Absorption and Energy
Photometric Range	-0.3 – 3.0 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) 0.002Abs (0.5 – 1.0A) 0.15%T (0 – 100%T)
Baseline Flatness	± 0.0015Abs (190 – 1100nm)
Baseline Stability	0.0008Abs/Hr (500nm, 0Abs, 2nm Spectral Bandwidth 2 hr warm up)
Photometric Noise	± 0.001Abs (500nm,0Abs, 2nm Spectral Bandwidth)
Power Supply	Switchable 120 – 230vAC 50/60Hz