Specifications

Model	DV-8200	DU-8200
Wavelength Range	320-1100nm	190-1100nm
Spectral Bandwidth	2.0nm or 4.0nm optional	
Optical System	Single Beam, Blazed Holographic Grating (1200 lines/mm)	
Wavelength Accuracy	±0.8nm	
Wavelength Repeatability	≤0.2nm	
Wavelength Setting	Auto, Resolution 0.1nm	
Photometric Range	0~200%T, -0.3~3A, 0~9999C	
Photometric Accuracy	±0.002A (0~0.5A), ±0.004A (0.5~1A), ±0.3%T (0~100%T)	
Photometric Repeatability	≤0.001A (0~0.5A), ≤0.002A (0.5~1A), ≤0.2%T (0~100%T)	
Stray Light	≤0.1%T(220/360nm)	
Scan Speed	High, Medium, Low. Max.1000nm/minute	
Baseline Flatness	±0.003A	
Stability	±0.002A/h (500nm,0A)	
Noise	≤0.2%T/3min (250/500nm,0%T); ≤0.5%T/3min (250/500nm,100%T)	
Sample Compartment	Accommodate 5-100mm Pathlength Cuvette	
Detector	Silicon Photodiode	
Lamps	Tungsten Lamp & Deuterium Lamp (Pre-aligned)	
Display	Graphic LCD (128x64 Dots)	
Keypad	11-key Membrance Keypad	
Output Port	USB Port & RS232 Port	
Power Requirements	AC 90-250V，50/60Hz	
Dimension	431x318x195mm	
Net Weight / Gross Weight	8.2kgs / 12kgs	9kgs / 13kgs

Optional Parts

Item	Price	Picture
Tungsten Lamp	$25	
Deuterium lamp	$180	
Mini Serial Printer	$95	
UV PRO	$106	