# Specifications

| Model | DU-8600RN |
|---|---|
| Wavelength Range | 190-1100nm |
| Spectral Bandwidth | 2.0nm |
| Optical System | Split Beam Ratio Monitoring, Blazed Holographic Grating (1200 lines/mm) |
| Wavelength Accuracy | ±0.5nm |
| 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), ±0.003A (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 | ≤0.05%T(220/360nm) |
| Scan Speed | High, Medium, Low.  Max.2000nm/minute |
| Baseline Flatness | ±0.002A |
| 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 (320*240 Dots) |
| Keypad | 30-key Alphanumeric Membrance Keypad |
| Output Port | USB Port & RS232 Port |
| Printer | Mini Serial Printer; PC Printer |
| PC Software | PC Scanning Software |
| Power Requirements | AC 90-250V，50/60Hz |
| Dimension | 545x468x245mm |
| Weight | 18kg |

| Optional Parts | | |
|---|---|---|
| Item | Price | Picture |
| Tungsten Lamp | $25 | |
| Deuterium lamp | $180 | |
| Mini Serial Printer | $95 | |
| UV ANALYST | $189 | |