



# DU-8800R/ DU-8800RS Split Beam UV/VIS Spectrophotometer

## ※ Specifications:

Model	DU-8800R	DU-8800RS
Wavelength Range	190-1100nm	
Spectral Bandwidth	1.8nm	0.5/1/2/4/5nm Variable
Optical System	Split Beam Ratio Monitoring, Blazed Holographic Grating (1200 lines/mm)	
Wavelength Accuracy	±0.3nm	
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	±0.0015A	
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	30-key Alphanumeric Membrane 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	635x515x255mm
Net Weight / Gross Weight	19kgs / 24kgs	19kgs / 24kgs

DU-8800R/DU-8800RS spectrophotometer are advanced split beam ratio monitoring optical system. DU-8800R with 1.8nm fixed bandwidth, DU-8800RS with optional bandwidth. They are suitable for biochemical, pharmaceutical and clinical lab applications.

### ※ Features

- Split beam ensure low drift, low noise and Low stray light
- High speed MCU, high precision AD, large storage capacity
- Large LCD display (320\*240 Dots)
- 1.8nm or variable Bandwidth meet Pharmacopoeia
- Data and Curve can be stored in real-time
- Online software upgrade capability
- Lamps can be turned on/off individually
- Easy to change Pri-aligned lamps
- Reinforced baseboard and bracket assures durability

### ※ Function:

- Photometric
- Quantitative(Standard Curve)
- WL Scan(Spectrum Scan)
- Time Scan(Kinetics)
- DNA/Protein Test
- Multi-WL Test
- System Utility

