

DU-8800R/ DU-8800RS

Split Beam UV/VIS Spectrophotometer

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.

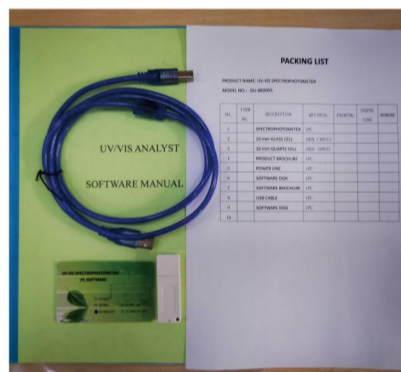
Features:

- ◆ 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



Functions:

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



Packing List



Standard Cuvettes



DU-8800R DU-8800RS
Sample Holder

micro cuvette cell holder



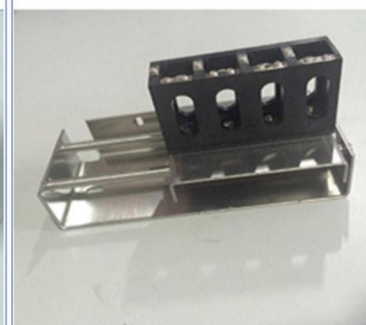
solid sample holder



5-position holder



long cell path holde



Optional Sample Holders

Standard Configuration

Item	Quantity	Unit
SPECTROPHOTOMETER	1	Set
10 mm GLASS CELL	4	pcs
10 mm QUARTZ CELL	2	pcs
POWER LINE	1	pc


Software

SOFTWARE Card	1	pc
SOFTWARE BROCHURE	1	pc
SOFTWARE DOG	1	pc
USB CABLE	1	pc

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	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

Optional Parts

Item	Price	Picture
Tungsten Lamp	\$25	
Deuterium lamp	\$180	
Mini Serial Printer	\$95	