

DU-8800D/DU-8800DS

Double Beam UV/VIS Spectrophotometer

DU-8800D/DS spectrophotometer are advanced double beam optical system. Double beam optical structure can inhibit the drift, Suitable for long time test. DU-8800D with 1.8nm fixed bandwidth,DU-8800DS with Variable bandwidth. They are suitable for research, biochemical and pharmaceutical lab applications.

Features

1. Double beam ensure low drift, low noise and Low stray light
2. High speed MCU, high precision AD, large storage capacity
3. Large LCD display (320*240 Dots)
4. Data and Curve can be stored in real-time
5. Online software upgrade capability
6. Lamps can be turned on/off individually
7. Easy to change Pri-aligned lamps
8. Reinforced baseboard and bracket assures durability



Functions

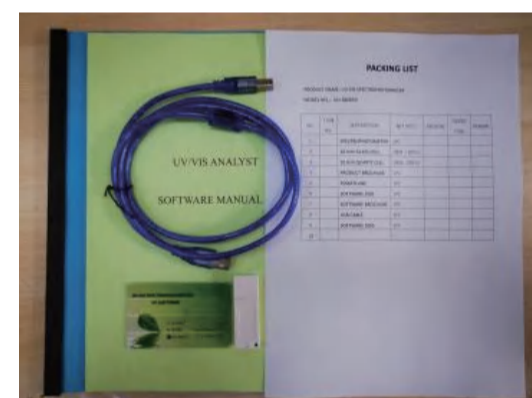
- Photometric
- Quantitative(Standard Curve)
- WL Scan(Spectrum Scan)
- Time Scan(Kinetics)
- DNA/Protein Test
- Multi-WL Test
- System Utility



**DU-8800D DU-8800DS
Sample Holder**



Standard Cuvettes



Packing List

5-position holder



long cell path holde



micro cuvette cell holder



solid sample holder



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

Optional Software

Item	Quantity	Unit
SOFTWARE Card	1	pc
SOFTWARE BROCHURE	1	pc
SOFTWARE DOG	1	pc
USB CABLE	1	pc

Specifications

Model	DU-8800D	DU-8800DS
Wavelength Range	190-1100nm	
Spectral Bandwidth	1.8nm	0.5/1/1.5/2/4/5nm
Optical System	Double Beam , 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	±0.002A	
Stability	±0.001A/h (500nm,0A)	
Noise	≤0.1%T/3min (250/500nm,0%T); ≤0.3%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 Membrane Keypad	
Output Port	USB Port & Parallel Port	
Printer	Mini Printer (Optional); PC Printer (Optional)	
PC Software	PC Software (Optional)	
Power Requirements	AC 90-250V , 50/60Hz	
Dimension	635x515x255mm	
Weight	26kg	28kg

Optional Parts

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