

DU-8600D/DU-8600DN Double Beam UV/VIS Spectrophotometer

DU-8600D/DN spectrophotometer are double beam optical system. They are with 1.8nm fixed bandwidth. They have a large LCD, can do quantitative test and qualitative test. They are widely used in colleges and QC labs.

Features

1. Excellent optical system ensure low noise and Low stray light
2. DU-8600D: LCD display (128*64 Dots), DU-8600DN: LCD display (320*240 Dots), can display curve
3. High speed MCU, high precision AD, large storage capacity
4. High quality grating, detector and lamps
5. Data and Curve can be stored in real-time
6. Auto setting WL, auto Blank
7. Lamps can be turned on/off individually
8. Easy to change Pri-aligned lamps
9. Reinforced baseboard and bracket assures durability

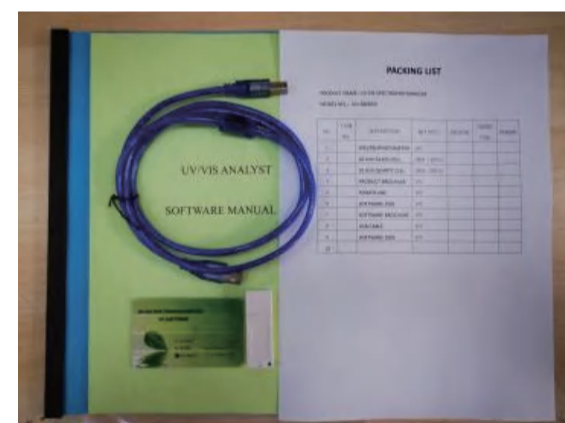


Functions

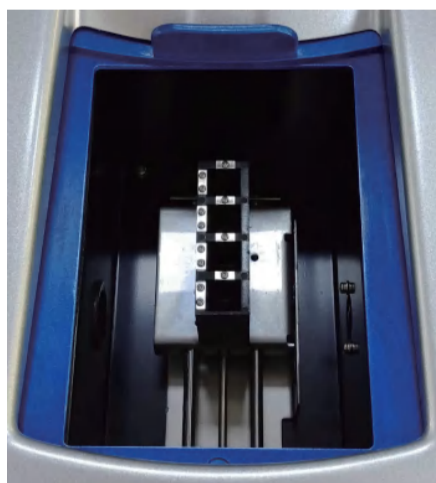
- Photometric: T%, Abs
- Quantitative: Standard Curve
- WL Scan (Spectrum Scan)
- Time Scan (Kinetics)
- DNA/Protein Test
- Multi-WL Test
- System Utility



Standard Cuvettes



Packing List



Standard Sample Holder



Optional Cuvettes



Optional Mini Serial Printer

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-8600D	DU-8600DN
Wavelength Range	190-1100nm	
Spectral Bandwidth	1.8nm	
Optical System	Double Beam, 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), ±0.004A (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	≤0.05%T(220/360nm)	
Scan Speed	High, Medium, Low. Max.2000nm/minute	
Baseline Flatness	±0.002A	
Stability	±0.001A/h (500nm,0A)	
Noise	≤0.2%T/3min (250/500nm,0%T); ≤0.4%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)	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	545x468x245mm	
Weight	18kg	

Optional Parts

Item	Price	Picture
Tungsten Lamp	\$25	
Deuterium lamp	\$180	
Mini Serial Printer	\$95	
UV ANALYST	\$189	