

DU-8600/DU-8600N UV/VIS Spectrophotometer

DU-8600/N spectrophotometer are the ideal instrument for education and QC laboratories. They are simple to fit a curve by using your standard with single or dual WL. They are widely used in colleges and QC labs.

Features

1. Single beam ratio monitoring optical system
2. Low noise and Low stray light
3. DU-8600: LCD display (128*64 Dots), DU-8600N: LCD display (320*240 Dots), can display curve
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



● DU-8600



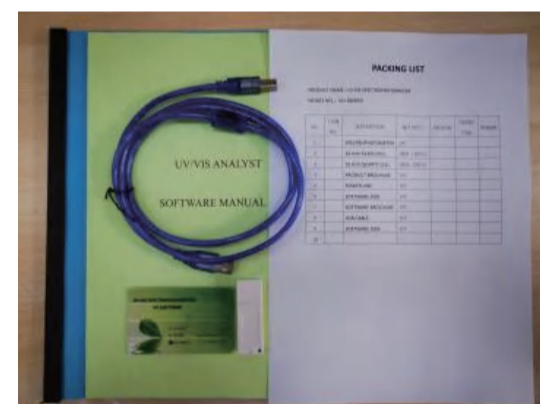
● DU-8600N

Functions

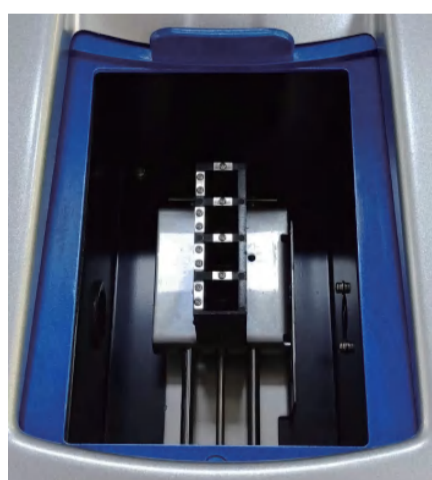
- Photometric: T%, Abs
- Quantitative: Standard Curve
- System Utility
- * WL Scan (Spectrum Scan) (PC)
- * Time Scan (Kinetics) (PC)
- * DNA/Protein Test (PC)
- * Multi-WL Test (PC)



Standard Cuvettes



Packing List



Standard Sample Holder



石英超微量 50ul 100ul 200ul

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-8600	DU-8600N
Wavelength Range	190-1100nm	
Spectral Bandwidth	2.0nm (4.0nm Optional)	1.8nm
Optical System	Single 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), ±0.4%T (0~100%T)	
Photometric Repeatability	≤0.001A (0~0.5A), ≤0.002A (0.5~1A), ≤0.2%T (0~100%T)	
Stray Light	≤0.1%T(220/360nm)	≤0.08%T(220/360nm)
Scan Speed	High, Medium, Low. Max.2000nm/minute	
Baseline Flatness	±0.003A	±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)	≤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 (128*64 Dots)	Graphic LCD(320*240 Dots)
Keypad	22-key Numeric Membrane Keypad	30-key Alphanumeric Membrane Keypad
Output Port	USB Port & RS232 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	490x390x280mm	545x468x245mm
Weight	18kg	20kg

Optional Parts

Item	Price	Picture
Tungsten Lamp	\$25	
Deuterium lamp	\$180	
Mini Serial Printer	\$95	
UV PRO	\$106	