

DV-8200 / DU-8200 UV/VIS Spectrophotometer

8200 series spectrophotometer is the ideal instrument for education and QC laboratories. They are simple to fit a curve by using your standard. They are widely used in colleges and quantitative analysis lab.

Features

1. Small fine design, space saving
2. The excellent optical and electric system
3. Low noise and Low stray light
4. Large LCD display (128*64 Dots), can display curve
5. High quality grating, detector and lamps
6. Data and Curve can be stored in real-time
7. Auto setting WL, auto Blank
8. Easy to change Pri-aligned lamps
10. Reinforced baseboard and bracket assures durability

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 Configuration

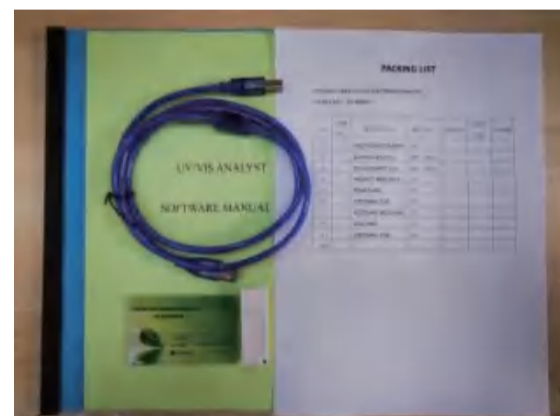
Item	Quantity	Unit
SPECTROPHOTOMETER	1	Set
10 mm GLASS CELL	4	pcs
10 mm QUARTZ CELL	2	pcs
POWER LINE	1	pc

Optional Software

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



Standard Cuvettes



Packing List



Standard Sample Holder



Optional Cuvettes



Optional Mini Serial Printer

Specifications

Model	DV-8200	DU-8200
Wavelength Range	320-1100nm	190-1100nm
Spectral Bandwidth	4.0nm (2.0nm Optional)	
Optical System	Single Beam, Blazed Holographic Grating (1200 lines/mm)	
Wavelength Accuracy	±0.8nm	
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	≤0.2%T(220/360nm)	
Scan Speed	High, Medium, Low. Max.1000nm/minute	
Baseline Flatness	±0.003A	
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	11-key Membrane Keypad	
Output Port	USB Port & RS232 Port	
Printer	Mini Printer (Optional); PC Printer (Optional)	
Power Requirements	AC 90-250V, 50/60Hz	
Dimension	430x320x195mm	
Weight	10kg	12kg

Optional Parts

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