



SINGLE BEAM UV-VISIBLE SPECTROPHOTOMETER

Colour Display UV-Vis Spectrophotometer



**REF-5000UV-Q
REF-5000UV-R
REF-5000UV-S**

Single Beam UV-Vis Spectrophotometer



7" Colour Display Single Beam UV-Visible Spectrophotometer

Main features:

- 7"inch Colour Display, which can display the large screen which can display the scanning curve and graph without connecting to the PC.
- Long Service life Tungsten Halogen and Deuterium Lamps.
- Excellent Auto-calibrated CT Optical System
- Super PC Software: The software functions include (1)Kinetics (2)Quantitative (3)Wavelength Scan (4)Multi Wavelength Test (5)DNA/Protein Test and the software can be remotely updated.
- Supports USB storage. Measured result can be saved to Excel, txt or picture format (*csv, *qua, *tet, *bmp), which ensures users can edit the test report on PC.
- User can edit the test report on PC directly. Interface: RS232, USB drive, USB Host.
- The RAM has the capability of saving 5000 groups of data and 200 curves which can be recalled anytime..
- Extensive accessories are optional, such as automatic auto 8-cell holder, film holder, pettier/sipper system, PC operating software, printer, etc.

Technical Specification:

Model:	REF-5000UV-Q	REF-5000UV-R	REF-5000UV-S
Optical System :	Single Beam, Czerny-Turner (1200L/mm Grating)		
Wavelength Range :	190-1100 nm		
Spectral Bandwidth :	2 nm	1 nm	0.5 / 1 / 2 / 4 nm (Variable)
Wavelength Accuracy :	±0.3nm (Full range)		
Wavelength Repeatability :	≤ 0.1nm		
Photometric Accuracy :	0.3%T(0~100%T), ±0.003A(0-0.5A), ±0.005A(0.5-1A)		
Photometric Repeatability :	≤ 0.2%T (0-100%T), 0.002A(0-0.5A), 0.003A(0.5-1A)		
Photometric Range :	0-200%T, - 3A ~ 3A, 0-9999C (0-9999F)		
Stray Light :	≤ 0.05%T @220nm, 360nm		
Stability :	±0.001A/H @500 nm		
Baseline Flatness :	±0.002A		
Noise :	0.0005Abs RMS@500nm		
Work Mode :	T, A, C		
Scanning Speed :	Max. 3000nm/min (Hi, Med, Low)		
Wavelength Setting :	Set Automatic		
Display :	7" Graphic LCD Screen (Resolution 800 x 400)		
Light Source :	D2- Deuterium Lams & Tungsten Halogen Lamp		
Detector :	Silicon Photodiode		
Cuvette Holder :	10mm 4-position cell holder		
Output :	USB drive, USB host, RS232		
Software:	Yes, Software for PC through Operation (Optional)		
Power Supply :	AC 220V/50Hz		
Product Dimensions :	650*450*200mm		
Product Weight :	Approx. 20kg		
Standard Accessories :	10mm glass cuvettex4, 10mm quartz cuvettex2, Power cord, User Manual		