



DOUBLE BEAM UV-VISIBLE SPECTROPHOTOMETER

Xenon Lamp UV-Vis Spectrophotometer



**REF-U9-X1
REF-U9-X2
REF-U9-XV**

Xenon Lamp UV-Vis Spectrophotometer



Touch Screen Double Beam UV Visible Spectrophotometer

Main features:

- 10"inch Touch Screen, which can display the spectrums and curves without connecting to the PC.
- REF-U9X UV Vis Spectrophotometer equipped with Xenon Lamp, which service life can be over 07 years, lower much cost and energy on maintenance. And with our original design on Optical, Electrical Circuit and Structure, the spectrophotometer has functions of Photometric, Quantisation, Multiple Wavelength, DNA/Protein, Kinetics, Scanning Spectrum etc.
- Supports USB storage. The USB port can be used for data transfer, which is easily exported to (excel, txt,*.csv,*.qua,*.tet,*.bmp) for data storage.
- User can edit the test report on PC directly. Interface: RS232, USB drive, USB Host.
- Standard 64 GB Storage, can store 5000 groups test results and 500 curves.
- 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-U9-X1	REF-U9-X2	REF-U9-XV
Optical System :	True Double Beam (Czerny-Turner 1200 lines/mm Grating)		
Wavelength Range :	190-1100 nm		
Spectral Bandwidth :	1 nm	2 nm	0.5 / 1 / 2 / 4 / 5 nm (Variable)
Wavelength Accuracy :	±0.3nm (Full range)		
Wavelength Repeatability :	≤ 0.1nm		
Photometric Accuracy :	0.2%T(0~100%T), ±0.002A(0-0.5A), ±0.004A(0.5-1A)		
Photometric Repeatability :	≤ 0.15%T (0-100%T), 0.001A(0-0.5A), 0.002A(0.5-1A)		
Photometric Range :	0-200%T, - 4A ~ 4A, 0-9999C (0-9999F)		
Stray Light :	≤ 0.02%T@220nm, 360nm		
Stability :	±0.0003A/h @500 nm		
Baseline Flatness :	±0.001A		
Noise :	0.00001Abs RMS@500nm		
Work Mode :	T, A, C, E		
Scanning Speed :	Max. 5000nm/min (Hi, Med, Low)		
Wavelength Setting :	Automatic		
Display :	10" TFT Coloured Touch Screen (Resolution 1024X800)		
Light Source :	Xenon Lamp (07 years life)		
Detector :	Dual Silicon Photodiode		
Cuvette Holder :	10mm 4-position cell holder/Automatic 8 position carrousel(Optional)		
Output :	USB drive, USB host, RS232		
Software:	Yes, Software for PC through Operation (Optional)		
Power Supply :	AC 220V/50Hz or AC 110V/60Hz		
Product Dimensions :	590*475*250mm	760*560*280mm	
Product Weight :	Approx. 20kg	Approx. 28kg	
Standard Accessories :	10mm glass cuvettex4, 10mm quartz cuvettex2, Power cord, User Manual		