

FEATURES

UV1300 & UV1400



Double Beam UV - Vis. Spectrophotometer
UV1300 & UV1400

- ◆ 7 inches TFT color screen and windows graphic interface.
- ◆ Powerful functions like Photometric measurement, Quantitative measurement, Kinetics, Spectrum scan, DNA\Protein test, multi-wavelength test, etc
- ◆ In-house massive memory is capable of saving up to 1024 for test data & working curves.
- ◆ Supports USB storage. The USB port can be used for data transfer, which is easily exported to Excel for further processing, analysis and storage.
- ◆ Socket type deuterium and tungsten lamp can make lamps switching without optics debugging and easy to be replaced.
- ◆ Large sample chamber can accommodate 5-100mm cuvettes.
- ◆ Photometric Mode - T, A, C, E.
- ◆ PC Software available

SPECIFICATIONS
UV1300, UV1400
HSN Code : 90273020

PRODUCT NAME	DOUBLE BEAM UV-Vis. SPECTROPHOTOMETER	
MODEL	UV1300	UV1400
Spectral Bandwidth	1nm	1/2/4/5 (variable)
Optical System	Double Beam Grating 1200 lines/mm	
Wavelength Range	190-1100 nm	
Wavelength Accuracy	±0.3nm	
Wavelength Repeatability	±0.2nm	
Photometric Range	±0-200%T, -0.3~3A, 0-9999C	
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 Mode	T, A, C, E	
Stray Light	±0.03%T@220nm, 360nm	
Stability	±0.0003A/h @ 500 nm	
Baseline Flatness	±0.001A @ 500nm	
Noise	0.001A@500nm	
Scanning Speed	Fast, Medium, Low (Max. 3000nm/min)	
Wavelength Setting	Automatic	
Display	7" TFT Color Screen	
Light Source	Deuterium & Tungsten lamp	
Detector	Silicon Photodiode	
Cell Holder	10mm single cell holder (sample & reference)	
Output	USB,RS232C	
Power supply	AC 220V/50Hz	
Packing Dimension (LxWx H)	880 x 690 x 520 mm	
Gross Weight	30kg	

* Specifications are subject to change without Notice