

X Series Flashing Xenon Lamp Spectrophotometer



Windows Graphic Interface

- High quality flashing xenon lamp is from Hamamatsu, which can start to test directly without preheating. The lamp can be used at least 3-year.
- 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 1024M 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.
- Large sample chamber can accommodate 5-100mm cuvettes of all kinds.
- Extensive accessories are optional, such as auto 8-cell holder, film holder, peltier/sipper system, 21 CFR compliant software, built-in printer, etc.

Model	X8000	X8001	X8001S	X9000	X9001	X9001S
Optical System	Double Beam, Grating 1200 lines/mm					
Wavelength Range	190 nm-1100nm					
Spectral Bandwidth	2nm	1nm	0.5/1/2/4/5	2nm	1nm	0.5/1/2/4/5
Wavelength Accuracy	±0.1nm@656.1nm, ±0.3nm@all					
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, -0.3~3A, 0-9999C (0-9999F)					
Stray Light	≤0.03%T@220nm, 360nm					
Stability	±0.0005A/h@500nm			±0.0003A/h @500 nm		
Baseline Flatness	±0.0002A	±0.001A		±0.0002A	±0.001A	
Noise	0.0005A@500nm					
Work Mode	T, A, C, E					
Scanning Speed	Hi, Med, Low (Max. 3000nm/min)					
Wavelength Setting	Auto					
Display	7" TFT Color Screen			10.1" TFT Colored Capacitive Touch Screen		
Light Source	Imported Xenon Lamp					
Detector	Imported Silicon Photodiode					
Cuvette Holder	10mm single hole cell holder					
Output	USB drive, USB host, RS232					
Power	AC 220V/50Hz or AC 110V/60Hz					
Shipping Size	810*660*390mm		880*690*520mm	810*660*390mm		880*690*520mm
Gross Weight	27kg		45kg	27kg		45kg
Standard Accessories	10mm glass cuvette x 4, 10mm quartz cuvette x 2, Power cord, User's Manual , PC software					