

X series One Touch to Open Fully New Experience.

X6 Single Beam UV Visible Spectrophotometer

X8 series Double Beam UV Visible Spectrophotometer



Features

- Large HD Smart Touch Screen
High sensitivity and user-friendly UI for easy operation.
- Stand-Alone System with Multi Functions
Spectrum scanning, Standard curve, Kinetics, Multi wavelength, DNA/Protein test can be operated directly on device without PC software.
- Automatic 8-position Cell Holder
Higher efficiency of experiment to save time.
- Easy Printing
Available to connect with general office printer directly (HP Deskjet 1111/1112/2723).
- USB Port, Fast Data Output
All test data can be exported to USB disk directly.
- Optional Bluetooth Module and PC software.
Bluetooth function and PC software are optional to meet different applications.
- Large Sample Chamber, Multi Options of Accessories
1-10cm universal cell holder, test tube holder, film holder, integrating sphere, specular reflectance accessory, peltier/sipper system, etc.
- High-quality Grating with High Performance
Lower stray light, higher stability and reliability.
- 16mm-thick Optical Base, Rigid Structure
All optical components are fixed on a 16mm thick rigid die-cast aluminum board to promise higher stability and reliability.

Technical Specification

Model	X6	X8	X8A	X8S
Optical System	Single Beam	Double Beam		
Light Source	W Lamp & D2 Lamp			
Wavelength Range	190-1100nm			
Bandwidth	1.8nm	1.8nm	1nm	0.5/1/2/4 nm
Display	7-inch Touch Screen		10-inch Touch Screen	
Wavelength Accuracy	±0.5nm	±0.1nm at D2 656.1nm, ±0.3nm at full range		
Wavelength Repeatability	≤0.2nm	≤0.1nm		
Photometric Accuracy	±0.3%T (0-100%T); ±0.002Abs (0-0.5Abs); ±0.004Abs (0.5-1.0Abs)			
Photometric Repeatability	≤0.1%T (0-100% T); ≤0.001Abs (0-0.5Abs); ≤0.002Abs (0.5-1.0Abs)			
Stability	≤0.001A/h@250nm & 500nm, 2hrs warm-up			
Photometric Range	-0.3-3A, 0-200%T, 0-9999C			
Stray Light	≤0.05%T at 220nm & 360nm			
Control Mode	Stand-alone System or PC Software (Optional)			
Data Output	USB Port or Bluetooth (Optional)			
Power Requirement	AC 110/220V, 50/60Hz			

Standard Accessories

Item	Description	Quantity	Unit
1	Spectrophotometer	1	unit
2	1cm Glass cuvette	4	pcs
3	1cm Quartz cuvette	2	pcs
4	Power cord	1	pcs
5	User's manual	1	pcs
6	Dust cover	1	pcs