

Double Beam UV/VIS Spectrophotometer



SALIENT FEATURES:

- With spectral scanning function
- Can measure upto 6 wavelengths at a single time
- Large touchscreen for ease
- Parallel port & USB port
- Imported lamps & sensor results in perfect measurements

This instrument is widely used in petroleum, chemical, pharmaceutical, sugar, refining, research and food industries. This spectrophotometer also has wide scope of use in related colleges, universities & scientific research institutions for meaning the photometric value of samples.

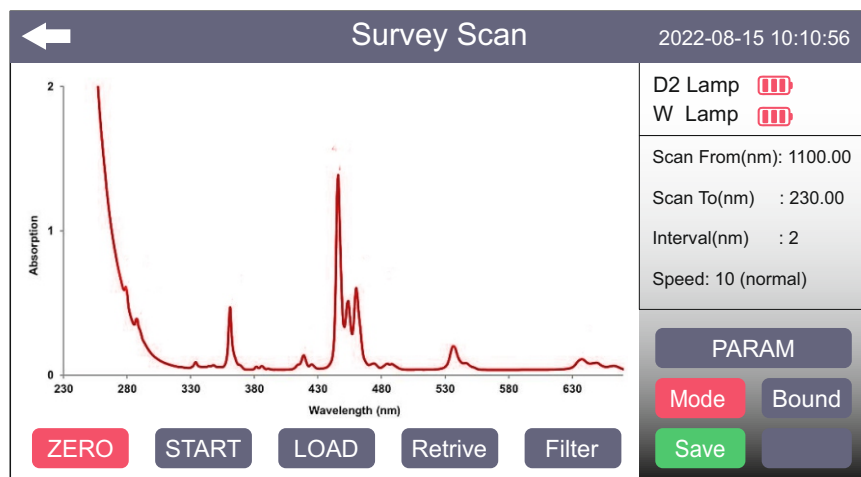
FUNCTIONS:

- Two detectors are used to measure sample and reference respectively and simultaneously
- Improved Circuit: Improved design prevents circuit fluctuations and stray light to ensure stability of the instrument.
- Sturdy Design: It uses a rigid base to ensure stability & reliability
- Large Touchscreen Display: It sports a large touchscreen display to show results and curves directly on the screen
- Multi functions in the software enables the user to toggle between variety of functions such as wavelength scanning, standard curve, kinetics, multi wavelength scanning, DNA/protein test
- Data can be saved in csv file. Data can be exported through a USB drive & bluetooth.
- Has a function for filtering & smoothing the peaks of measurement.

Model	UV-1900	UV-1900S
Make	Galaxy	Galaxy
Bandwidth	2 nm	0.5, 1.0, 2.0, 4.0 nm
Cell Holder	Sample & reference cuvette holder (both 10mm)	
Optical System	Double Beam (1200 lines/mm Grating)	
Wavelength Range	190 ~ 1100 nm	
Wavelength Accuracy	± 0.3 nm	
Wavelength Repeatability	± 0.2 nm	
Scanning Speed	High, Medium, Low (Max. 3000 nm/min)	
Photometric Range	-4 ~ 4A, 0~999.9%T, 0~9999C, 1~9999F	
Photometric Accuracy (T)	± 0.3%T	
Photometric Repeatability	0.2%T	
Stability	± 0.001 A/h (700 nm, preheating for 1 hr)	
Photometric Accuracy(A)	≤±0.002A(0~0.5A), ≤±0.004A(0.5~1A), ≤±0.006A(>2.0)	
Baseline Flatness & noise	± 0.001A/h	
Stray Light	<0.05%T @ 220nm, 360nm	
Data Output	USB	
Printer Port	Parallel Port	
Display	Touchscreen	
Lamps	D2 & Tungsten Halogen Lamp	
Detector	Silicone Photodiode	
Power Supply	AC 220V / 50Hz	
Dimensions & Weight	650 x 450 x 220mm & 25kg	

WAVELENGTH

PHOTOMETRIC



STANDARD

ACCESSORIES:

- Software
- 10mm Glass Cuvette
- 10mm Quartz Cuvette
- Instruction Manual
- Power Cord