

V-1100D VIS Spectrophotometer

V-1100D is the only model of manually setting wavelength, but precise design and high quality components ensures excellent performance.

It is widely used in high schools and colleges for general analysis and experiments.



Features:

- 1 Large LCD Screen (128*64 Dots).
- 2 Wavelength can be read out from the screen directly.
- 3 Auto Zero and Blank.
- 4 Parallel port, printed directly.
- 5 Large sample compartment, it can accommodate 5-100mm path length cuvettes with optional holders.
- 6 Pre-aligned design ensures the user can change lamp conveniently.
- 7 Optional PC software *M. Wave Basic* based on Windows can expand the applications to Standard Curve & Kinetics.
- 8 High quality silicon photometric diode detector and 1200 lines/mm grating ensure high accuracy and precision.

Specification

Model	V1100D
Wavelength Range	325-1000nm
Spectral Bandwidth	4nm
Optical System	Single Beam , Grating 1200 lines/mm
Wavelength Accuracy	±2nm
Photometric Accuracy	±0.5%T or ±0.004A@1A
Photometric Range	0-200%T , -0.3 - 3A .0-1999Conc
Stray Light	0.2%T
Stability	±0.004A/h @500nm
Display	128*64 LCD
Photometric Mode	T,A,C,F
Detector	Silicon Photodiode
Standard Cell Holder	4-position 10mm cell changer
Sample Compartment	Standard 10mm pathlength cuvette
Light Source	Tungsten lamp
Output	USB Port & Parallel Port (Printer)
Power Requirement	AC 85V~265V 50/60Hz
Dimensions(W*D*H)	440*387*180mm
Weight	8kg