

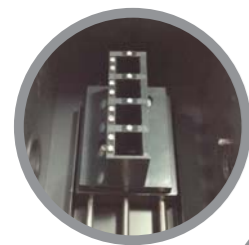
Specifications

Model	V-1100D
Wavelength Range	325-1000nm
Spectral Bandwidth	4nm
Optical System	Single Beam, Grating 1200 lines/mm
Wavelength Accuracy	±2nm
Wavelength Repeatability	1nm
Photometric Accuracy	±0.5%T or ±0.003A@1A
Photometric Range	0-200%T, -0.3 - 3A, 0-1999Conc
Stray Light	0.3%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(L*W*H)	489*387*180mm
Weight	8kg

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.



V-1100D



Visible Spectrophotometer

Specifications

Model	V-1200	UV-1200	UV-1100
Wavelength Range	325-1000nm	200-1000nm	
Spectral Bandwidth	4nm		
Optical System	Single Beam, Grating 1200 lines/mm		
Wavelength Accuracy	±2nm		
Wavelength Repeatability	0.8nm		1nm
Photometric Accuracy	±0.5%T or ±0.003A@1A		
Photometric Range	0-200%T, -0.3 - 3A, 0-9999Conc		
Stray Light	0.3%T		
Stability	±0.002A/h @500nm		
Detector	Silicon Photodiode		
Standard Cell Holder	4-position 10mm cell changer		
Sample Compartment	Standard 10mm pathlength cuvette		
Light Source	Tungsten lamp	Tungsten & Deuterium lamp	
Output	USB Port & Parallel Port (Printer)		
Power Requirement	AC 110/220V 50/60Hz		
Dimensions(L*W*H)	489*387*180mm		
Weight	12kg	14kg	

V/UV-1200, UV-1100 spectrophotometers are the ideal instrument for education and QC laboratories. Using your standard sample solutions, you can get a standard curve on the large LCD screen. They are widely used in colleges and enterprises for general quantitative analysis and experiments.

Features

1. Large LCD screen (128*64 Dots).
2. Can display total 50 groups of data, 3 groups per screen. Can display standard curve and the curve equation.
3. System can also save the test results. Total 200 groups of data and 200 standard curves can be saved; it is convenient for check and reload.
4. Data can be restored after a sudden power cut.
5. Auto setting wavelength.
6. Tungsten lamp & Deuterium lamp can be turned on/off individually to extend lifetime.
7. Pre-aligned design makes it convenient to change lamps.
8. Large sample compartment, it can accommodate 5-100mm path length cuvettes with optional holders. A variety of optional accessories are available.
9. The optional application software *M. Wave Professional* provides complete control of the spectrophotometer through the Built-in USB port. You can achieve the following functions:
 - I. Quantitative; II. Kinetics; III. Wavelength Scan; IV. Multi Wavelength; V. DNA/Protein.



UV / VIS Spectrophotometer

V-1200/UV-1200
UV-1100

