

## V-1200 VIS Spectrophotometer

- V-1200 spectrophotometer is 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:

- Large LCD screen (128\*64 Dots).
- Can display total 50 groups of data, 3 groups per screen. Can display standard curve and the curve equation.
- 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.
- Data can be restored after a sudden power cut.
- Auto setting wavelength.
- Tungsten lamp & Deuterium lamp can be turned on/off individually to extend lifetime.
- Pre-aligned design makes it convenient to change lamps.
- Large sample compartment, it can accommodate 5-100mm path length cuvettes with optional holders.
- A variety of optional accessories are available.
- The optional application software M. Wave Professional provides complete control of the spectrophotometer through the Built-in USB

## Specification

<b>Model</b>	<b>V-1200</b>
<b>Wavelength Range</b>	325-1000nm
<b>Spectral Bandwidth</b>	4nm
<b>Optical System</b>	Single Beam , Grating 1200 lines/mm
<b>Wavelength Accuracy</b>	±2nm
<b>Photometric Accuracy</b>	±0.5%T or ±0.003A@1A
<b>Photometric Range</b>	0-200%T , -0.3 - 3A ,0-9999Conc
<b>Stray Light</b>	0.2%T
<b>Stability</b>	±0.002A/h @500nm
<b>Detector</b>	Silicon Photodiode
<b>Standard Cell Holder</b>	4-position 10mm cell changer
<b>Sample Compartment</b>	Standard 10mm pathlength cuvette
<b>Light Source</b>	Tungsten lamp
<b>Output</b>	USB Port & Parallel Port (Printer)
<b>Power Requirement</b>	AC 110/220V 50/60Hz
<b>Dimensions(W*D*H)</b>	440*387*180mm
<b>Weight</b>	12kg