

UV-1800 UV/VIS Spectrophotometer

- UV-1600 / UV-1600PC is a simple-to-use instrument with advanced performance;
its stray light is only 0.05%T.
- The local stand-alone software provides functions of Photometry, Quantitative Test, Kinetics and System Utilities functions.



Features:

- Large LCD screen (128*64 Dots).
- System can also save the test results, total 200 groups of data 200 standard curves can be saved in the RAM. 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.
- The optional application software M. Wave Professional provides complete control of the spectrophotometer from a computer through the Built-in USB port. It can expand to the following functions: Quantitative, Kinetics, Wavelength Scan, Multi- wavelength & DNA/Protein Test.
- Pre-aligned design makes it convenient to change lamps.
- Large sample compartment, it can accommodate 5-100mm path length cuvettes with optional holders

Specification

Model	UV-1800 / UV-1800PC
Wavelength Range	190-1100nm
Spectral Bandwidth	2nm
Optical System	Single Beam , Grating 1200 lines/mm
Wavelength Accuracy	±0.5nm
Photometric Accuracy	±0.5%T or ±0.004A@1A
Photometric Range	0-200%T , -0.3 - 3A ,0-9999Conc
Stray Light	0.05%T@220 , 360nm
Stability	±0.001A/h @500nm
Display	Graphic LCD (128*64 dots)
Keyboard	22 Membrane keypad
Light Source	Tungsten & Deuterium lamp
Standard Cell Holder	Standard 10mm pathlength cuvette
Sample Compartment	4-position 10mm cell changer
Output	USB Port & Parallel Port (Printer)
Power Requirement	AC 110/220V 50/60Hz
Dimensions(W*D*H)	470*373*187mm
Weight	14kg