

UV-3100 UV/VIS Scanning Spectrophotometer

- UV/V-3 Series is an advanced single beam design consisting of 9 models.
- They differ in bandwidth and wavelength accuracy, but provide excellent performance for measurements in the range of 190nm to 1100nm.
- They are suitable for clinical, pharmaceutical, and bio-chemical lab applications, as well as routine applications such as quantitative analysis, kinetics, Wavelength Scan, Multi-Wavelength, and DNA/Protein analysis. The memory is 32K.
- UV-Vis Analyst application software Based Microsoft Windows makes these instruments versatile.
- All instruments provide excellent performance for measurements.
- They are divided into in two types: PC models and stand-alone models



Features:

- Fixed or variable slits (bandwidths)
- Sealed, solvent-resistant tactile keypad with alpha-numeric entry for file names and units.
- Pre-aligned deuterium lamp for easy lamp replacement. The status of the lamps may be monitored .
- Powerful built-in program or PC WindowsR based software UV/Vis Analyst including sophisticated utility programs.
- Data Download-to-PC software for stand-alone models (Optional).
- Real-time clock for date and time stamping of results.
- Data can be saved by USB memory device directly.

Specification

Model	UV-3100 - UV-3100PC
Wavelength Range	190-1100nm
Spectral Bandwidth	2nm
Scan Speed	Hi , MED. , LOW. , MAX. 3000nm/min
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@200nm , 340nm
Stability	0.0008A/h @500nm
Display	5 inches LCD (320*240 dots)
Baseline Flatness	±0.002A
Light Source	Tungsten & Deuterium lamp (Pre-aligned)
Standard Cell Holder	Standard 10mm pathlength cuvette
Sample Compartment	Standard 10mm pathlength cuvette
Light Source	Tungsten lamp
Output	USB Type A port for USB memory device (Right side) USB Type B port for optional computer connectivity (Back) Parallel port for printer
Power Requirement	AC 110/220V 50/60Hz
Dimensions(W*D*H)	491*365*180mm
Weight	14kg