



Color Screen Spectrophotometers

The series of UV-Vis spectrophotometer is designed to meet high requirement for precision measurement in the research and production of organic chemistry, biochemistry, medical testing, food testing, environmental protection, water testing industry, etc. The latest ARM system and long optical system ensure high accuracy and good stability of the instrument. They are the best choice of high quality spectrophotometer.

Features:

- 7 inches color LCD and windows Graphic interface make the instrument easy to operate.
- The in-house memory is capable of saving up to 5000 test data or 500 working curves.
- Powerful functions like Photometric measurement, Quantitative measurement, Kinetics, Spectrum scan, DNA\Protein test, multi-wavelength test, etc
- The USB port can be used for data transfer, which is easily exported to Excel for further processing, analysis and storage.
- Plug type deuterium lamp and tungsten lamp transfer lamps without optics debugging.
- Large room for samples can hold cuvettes of various specifications.
- Auto 8-cell holder is optional.

Specifications:

Model	N5000	N5000PLUS	N5000SPLUS	N6000	N6000PLUS	N6000SPLUS
Optical System	Single Beam, Grating 1200 lines/mm			Double Beam, Grating 1200 lines/mm		
Wavelength Range	190-1100 nm					
Spectral Bandwidth	2nm	1nm	0.5/1/2/4/5	2nm	1nm	0.5/1/2/4/5
Wavelength Accuracy	±0.3nm					
Wavelength Repeatability	≤0.1nm					
Photometric Accuracy	±0.3%T(0~100%T)					
Photometric Repeatability	±0.1%T(0~100%T)					
Photometric Range	0-200%T; -3~3A					
Stray Light	≤0.03%T					
Stability	±0.0005A/h@500nm			±0.0003A/h @500 nm		
Baseline Flatness	±0.0015A			±0.0010A		
Work mode	T, A, C, E					
Scanning speed	Fast, Mid, Slow					
Wavelength setting	Auto					
Display	7" color LCD					
Light Source	Imported Deuterium & Tungsten lamp					
Detector	Imported Silicon Photodiode					
Output	USB/RS232					
Power	AC 220V/50Hz or AC 110V/60Hz					
Dimension	590 x 475 x 250mm					
Net Weight	20kg					