

*Double Beam***UV-1800APC UV-V Spectrophotometer****Introduction**

- UV-1800APC successful implementation of the stringent requirements of high accuracy and reliability measurement to meet the requirements of various applications that can be used in biological research, bio-industry , pharmaceutical analysis , pharmaceutical, teaching and research, environmental protection , food hygiene, clinical examination , health and epidemic prevention , and other fields.
- A wide wavelength range, the wavelength range to meet the various requirements of the field.
- Automatic design to achieve the most simple means of measurement.
- LSI design greatly improves the stability and reliability of the system.
- Improved optimization of the optical design , import source and receiver system created a high performance and high reliability.
- Rich measurement methods , with a wavelength scan , time scan , multi-wavelength determination , multi-order derivative determination (optional) , dual-wavelength , three-wavelength (optional) DNA protein measurements (optional) , and other measurement methods to meet different measurement requirements , and can be displayed directly on a 6- inch screen.
- Based on user requirements optional hole rack , manual four with stand , manual Eighth rack , automatic Eighth frame, glass stand , test tube rack , 1cm colorimetric frame , 5cm colorimetric frame , 10cm colorimetric racks.
- Measurement data can be output through the printer with USB interface.
- Can be powered down to save the measurement parameters and data , user-friendly.
- Can achieve more accurate and flexible measurement via PC control , which can meet the needs of different users.

Optical Specifications

Optical System	Double beam
Wavelength Range	190~1100nm
Band Width	1.0nm
Wavelength Accuracy	±0.3nm
Wavelength Repeatability	≤0.1nm
Photometric Accuracy	±0.3% τ (0-100%τ) ±0.002A(0~0.5A) ±0.003A(0.5A~1A)
Photometric Repeatability	±0.15% τ (0-100%τ) ±0.001A(0~0.5A) ±0.0015A(0.5A~1A)
Stray Light	≤0.03% τ (220nm NaI, 340nm NaNO ₂)
Stability	0.0005A/h@500nm
Noise	± 0.0002A @500nm
Baseline Flatness	± 0.001A
Photometric Mode	T,A,C,E
Wavelength Setting	Automatic
Photometric Display Range	-4~4A
Display Mode	6 inches high brightness blue LCD
Detector	Import Silicon Photodiode
Light Source	Import Deuterium Lamp & Tungsten Halogen Lamp
Power Requirement	AC 220V/50Hz 110V/60Hz
Power	120W
Dimensions(W*D*H)	560×450×230mm
Weight	28Kg