

UV2800 UV-VIS Spectrophotometer



UV2800 is double beam UV-VIS spectrophotometer with a big screen and scanning function. New optical system and circuit system make the instrument have high-resolution, low stray light, lasting stability, high-SNR. This instrument can meet the multi-level analysis application requirements. The computer application system of UV-VIS Spectrophotometer can achieve more powerful function for your instrument.

Function:

- Photometric measurement
- Spectrum scan
- Quantitative determination
- Multi-wavelength test
- Dynamics measurement (time scanning)
- DNA/Protein concentration measurement

Feature:

- Long lasting Stability
- Ultra-low stray light
- User friendly interface
- Can be easily replaced light source
- Easily upgraded

	UV2800/UV2800PC	UV2800S/UV2800SPC
Optical System	Double beam	Double beam
Spectral Bandwidth	1.8nm	0.5、1、1.8、4nm
Wavelength Range	190~1100nm	190~1100nm
Wavelength Accuracy	±0.3nm	±0.3nm
Wavelength Repeatability	0.2nm	0.2nm
Photometric Range	T:0~200.00%T A:-0.301~4.0000Abs C:0~9999	T:0~200.00%T A:-0.301~4.0000Abs C:0~9999
Photometric Accuracy	±0.3%T	±0.3%T
Photometric Repeatability	0.1%T	0.1%T
Stray Light	≤0.05%T (220nm, 340nm)	≤0.05%T (220nm, 340nm)
Baseline linearity	±0.001A	±0.001A
Baseline drift	0.0005A/h(500nm)	0.0005A/h(500nm)
Noise	100%(T)line noise≤0.1%(T) 0%(T)line noise≤0.05%(T)	100%(T)line noise≤0.1%(T) 0%(T)line noise≤0.05%(T)
Monitor	320×240 large screen LCD(6 inch)	
Dimensions	540×445×230mm	
Accessory	compact printer optional, cuvettes, holders, software optional	