

Split double beam UV/VIS spectrophotometer Model UV2400

Automatic eight-pool sample holder

PC control software (Windows® - based)



Application:

1. Physics, chemistry, medicine, biology, pharmacology, geology and other subjects for scientific research
2. Widely used in chemical, pharmaceutical, biochemical, metallurgy, light industry, material, environmental protection, medical laboratory in the quality control

SPLIT DOUBLE BEAM UV/VIS SPECTROPHOTOMETER

Technique parameter	
Monochromator	Split double beam, C-T monochromator, 1200 L/mm holographic grating
Sensor	silicon photocell
Display Screen	128*64mm blue LCD
Wavelength Calibration	automatic calibration after starting up
Wavelength Resolution	0.1 nm
Light Source	deuterium lamp, tungsten lamp (20W/12V)
Light Switching Point	can be set, 294 nm - 365 nm
Wavelength Range	190-1100 nm
Spectral Bandwidth	1.8 nm
Wavelength Accuracy	±0.5 nm
Wavelength Repeatability	0.2 nm
Measuring Range	0 ~ 200%T, -0.301 ~ 4.000Abs, -9999 ~ 9999C, -9999 ~ 9999F
Transmittance Accuracy	±0.3 %T
Transmittance Repeatability	0.1 %T
Stray Light	0.05 %T (at 220nm and 360 nm)
Baseline Flatness	≤±0.002 Abs (With UV-Solution software)
Baseline Drift	≤0.001 Abs / half hour (after warm-up at 500 nm)
Data Output	USB interface
Power	220V ± 10% 50Hz 85VA / 110V ± 10% 60Hz 85VA
Sample Holder	automatic eight-pool sample holder
Quartz Cuvette (10 mm optical path)	4
Instrument Dimension	545mm X 450mm X 235mm (L*W*H)
Package Dimension	660mm X 560mm X 400mm (L*W*H)
Net Weight	17.0 Kg
Gross Weight	26.0 Kg