

# UV-VIS Spectrophotometer (Single Beam)

SPM-UVS3



## Features

SPM-UVS3 is a microprocessor based Single Beam UV-VIS Spectrophotometer

- Large LCD display 240 x 64 Dots
- Can display and save 50 groups of data, 5 groups per screen
- Data can be restored after a sudden power cut
- Unique optical system, 1200 lines/mm grating
- Auto calibration; dark current getting with scanning
- Tungsten lamp & deuterium lamp can be turned on/off individually to extend lifetime
- PC software expands the capabilities of the instrument
- Photometric analysis, Quantitative analysis, Spectral scanning, Kinetics, DNA/Protein analysis, etc.

## Specifications

Wavelength Range	190 ~ 1000 nm
Spectral Bandwidth	2 nm
Wavelength Accuracy	±1 nm
Wavelength Repeatability	0.5 nm
Wavelength Setting	Auto
Photometric Accuracy	±0.5% T
Photometric Range	-0.3 ~ 3A, 0-200% T
Photometric Repeatability	0.3% T
Stability	±0.002A/h @ 500 Nm
Stray Light	< 0.3% T
Light Source	Tungsten & Deuterium lamp
Detector	Silicon Photodiode
Standard Cell Holder	4 position 10mm cell changer
Output	USB Port (Data) & Parallel Port (Printer)
Dimension (W x L x H)	420 x 280 x 180 mm
Weight	12 kg
Voltage	AC 85 - 250v

## Standard Accessories

- 1cm Quartz Cell - 2 Nos.
- 1cm Glass Cell - 4 Nos.
- Software CD - 1 No.
- Software Key - 1 No.
- Power Cable - 1 No.
- USB Cable - 1 No.
- Dust Cover- 1 No.
- Manual - 1 No.