

**METASH**

UV/VIS SPECTROPHOTOMETER



## V-5000 Visible Spectrophotometer



V-5000 is a single beam visible spectrophotometer with manual wavelength setting. It is a basic model and ideal choice for routine analysis and general experiments. This specially designed single beam spectrophotometer is a low cost spectrophotometer which offers high performance, easy operation and wide application.

# UV/VIS SPECTROPHOTOMETER **METASH**

## 【 Features 】

### Microprocessor controlled

With microprocessor controlled, V-5000 can realize auto Zero and auto 100%T adjustment with one push-button. V-5000 has a LCD display instead of LED display for direct readout of Transmittance, Absorption, and Concentration.

### Data output

V-5000 is equipped with USB port which can be connected to PC to edit data through specific software. Data can also be printed through a parallel port when connected to a micro printer.

### Four Display Mode

V-5000 can display absorption, transmittance, concentration and coefficient directly by different mode switching.

### Grating monochromator

V-5000 uses 1200 line grating which ensures high resolution, low stray light and high parameters accuracy.

### Compact design, easy to carry

The compact design of V-5000 saves bench space while all components function remain performed like 120mm wide sample compartment and long optical path monochromator.

## 【 Technical Specification 】

Model	V-5000
Optical System	Single Beam, Grating 1200lines/mm
Wavelength Range	325-1000nm
Spectral Bandwidth	4nm
Wavelength Accuracy	± 2nm
Wavelength Repeatability	1nm
Photometric Accuracy	± 0.5%T
Photometric Repeatability	0.3%T
Photometric Mode	T, A, C, F
Stray Light	≤ 0.2%T
Stability	± 0.002A/h @ 500nm
Display	LCD
Detector	Silicon Photodiode
Output	USB Port & Parallel Port(Printer)
Light Source	Tungsten Halogen Lamp
Power Requirements	AC 85~250V
Dimension	420*280*180mm
Weight	8kg

## 【 Standard Accessories 】

Item	Description	Quantity	Unit
1	Spectrophotometer	1	set
2	1cm Glass cuvette	4	pcs
3	Power cord	1	pcs
4	User's Manual	1	pcs
5	Black block	1	pcs
6	Dust Cover 1	1	pcs

