

**METASH**

UV/VIS SPECTROPHOTOMETER



**V-5100/ UV-5100 Spectrophotometer**



5100 series include 2 classic models with V-5000 works in visible range and UV-5100 works in UV/Vis range.

# UV/VIS SPECTROPHOTOMETER **METASH**

## 【 Features 】

### 2.5' LCD screen

Equipped with a 2.5 LCD screen to give a clear display of standard curves and groups of res

### Standard curve

Can set up various standard curves according to customer's solutions and find the concentration of unknown solutions.

### Multiple results readout

Can display wavelength, absorption and transmittance with 5 results per screen. It also has a memory store of up to 200 results.

### Auto setting wavelength

Users set wavelength automatically through arrow keys to avoid operation errors.

### Imported deuterium lamp

UV-5100 is equipped with imported deuterium lamp which ensures low stray light, photometric accuracy and is easy to be replaced.

### Data output

Equipped with USB port to connected with a PC to display spectrum scanning, kinetics and multi wavelength testing results on the screen. The software is optional.

## 【 Technical Specification 】

Model	V-5100/UV5100
Optical System	Single beam, Grating 1200 lines/mm
Wavelength Range	325-1000nm/190-1000nm
Band width	4nm
Wavelength Accuracy	± 1nm
Wavelength Repeatability	0.5nm
Wavelength Setting	Auto
Photometric Accuracy	± 0.5%T
Photometric Repeatability	0.3%T
Photometric Range	-0.3-3A, 0-200%T
Stray Light	≤0.3%T
Stability	± 0.002A/h @ 500nm
Display	128*64 Dots LCD
Detector	Silicon Photodiode
Standard Cell Holder	4-position 10mm cell changer
Light Source	Tungsten Lamp/Tungsten Lamp&D2 Lamp
Output	USB Port & Parallel Port(Printer)
Power Requirements	AC 85~250V
Dimension	420*280*180mm
Weigh	11kg/12kg

## 【 Standard Accessories 】

Item	Description	Qty	Unit
1	Spectrophotometer	1	set
2	1cm Glass cuvette	4	pcs
3	Power cord	1	pcs
4	User's Manual	1	pcs
5	1cm quartz cuvette ( UV series )	2	pcs
6	Dust cover	1	pcs

