

# UV/VIS SPECTROPHOTOMETER

## AN-UV-1500

AN-UV-1500 is a practical UV visible spectrophotometer. Its special structural design ensures high reliability and easy replacement of components.

### 【Features】

#### Low stray light

AN-UV-1500 is made of high quality components with rigid structure which ensures low stray light.

#### Stability and durability

AN-UV-1500 uses a rigid die-cast aluminum base as its optical mount to ensure instrument stability and reliability.

#### Standard curve

AN-UV-1500 can set up various standard curves according to customer's solutions and find the concentration of unknown solutions.

#### Multiple results readout

AN-UV-1500 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 can set wavelength automatically through arrow keys to avoid operation errors.

#### Data output

AN-UV-1500 is equipped with USB port to connect with a PC to display spectrum scanning, kinetics and multi wavelength testing results on the screen. The software is optional.



### 【Technical Specification】

Optical System	Single beam, Grating 1200 lines/mm
Wavelength Range	190-1000nm
Bandwidth	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 & Deuterium lamp
Output	USB Port & Parallel Port(Printer)
Power Requirements	AC 85~250V
Dimension	420*280*180mm
Weight	15kg

#### 【Standard Accessories】

Item	Description	Quantity	Unit
1	Spectrophotometer	1	set
2	1 cm Glass cuvette	4	pcs
3	Power cord	1	pc
4	User's Manual	1	pc
5	1cm Quartz Cuvette	2	pcs
6	Dust cover	1	pc