METASH

V-5100/UV-5100 SPECTROPHOTOMETER

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

[Features]
* 2.5 ' LCD screen

Equipped with a 2.5'LCD screen to give a clear display of standard curves and groups of results.

* Imported deuterium lamp

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

* Standard curve

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

* Date output

5100 Series have a USB port to connect with a PC to display spectrum scanning, kinetics and multi-wavelength testing results on the screen. The software is optional

* Multiple results readout

5100 Series display, wavelength, absorbance 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.

Technical Specification

Model	V-5100 / UV-5100	Photometric Mode	T,A,C,F
Optical System	Single Beam, Grating 1200lines/mm	Stray Light	≤0.1%T
Wavelength Range	325-1000nm/190-1000nm	Stability	±0.002A/h@500nm
Spectral Bandwidth	2nm	Display	128*64LCD
Wavelength Accuracy	±2nm	Detector	Silicon Photodiode
Wavelength Repeatability	0.5nm	Output	USB Port &Parallel Port(Printer)
Wavelength Setting	Auto	Light Source	Tungsten Lamp/Tungsten Lamp&D2 lamp
Wavelength Resolution	0.1nm	Power Requirements	AC 85-250V
Photometric Accuracy	±0.5%T	Dimension	420*280*180nm
Photometric Repeatability	≤0.2%T	Weight	10kg/11kg
Photometric Range	-0.3-3A,0-200%T,0-9999C		

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	1 cm quartz cuvette(UV series)	2	pcs
6	Dust Cover	1	pcs

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