

Single Beam UV-Vis Spectrophotometer



» TL-1500UV

TOPLAB Single Beam UV-Vis Spectrophotometer has lead screw structure which ensures high wavelength accuracy of the instrument.

Model TL-1500UV and TL-1500UVA Single Beam UV-Visible Spectrophotometer with more accurate technical specification is the best choice for UV-Vis Spectrophotometers for any Laboratory.

Features

- Lead screw structure

The instrument uses a lead screw structure so that the instrument wavelength accuracy and wavelength resolution can be greatly improved.

- Auto setting wavelength

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

- Numerical Keys

With microprocessor controlled, all parameters of the instrument can be easily set by numerical keys.

- 8mm thick optical base

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

- high quality deuterium lamp

The UV instruments use imported deuterium lamp with low stray light, photometric accuracy and easy replacing.

- Standard curve

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

- Data output

Equipped with USB port to connect with a PC to display spectrum scanning, kinetics and multi wavelength measurement results on the screen through the optional software.



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Technical Specification ... »

Model	TL-1500UV	TL-1500UVA
Wavelength Range	190-1100nm	200-1000nm
Bandwidth	2nm	2nm
Wavelength Accuracy	±0.5nm	±1nm
Wavelength Repeatability	0.2nm	
Wavelength Setting	Auto	
Photometric Accuracy	±0.5%T	
Photometric Repeatability	0.2%T	
Photometric Range	- 0.3-3A,0-200%T,0-9999C	
Stray Light	≤0.05%T	
Stability	0.001A/h@500nm	
Display	LCD Screen (128*64 Dots)	
Detector	Silicon Photodiode	
Output	USB	
Light Source	W Lamp/D2&W Lamp (Deuterium Lamp & Tungsten Halogen Lamp)	
Power Requirements	AC 220V 50Hz	
Dimension	460*360*225mm	
Weight	18kg	

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	1cm quartz cuvette	2	pcs
6	Dust Cover	1	pcs