

UV/VIS Spectrophotometer



Model : YR01853
UV/VIS Spectrophotometer
Manufacturer : Kalstein
Price : \$ 8,150.00
Description :

YR01853 UV/VIS Spectrophotometer

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 arrow keys to avoid operation errors.

Numerical Keys

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

Date output

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

8mm thick optical base

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

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Imported high quality deuterium lamp

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

Standard curve

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

Technical Specification

UV/VIS Spectrophotometer

Model	YR01853
Wavelength Range	190-1100nm
Bandwidth	2nm
Wavelength Accuracy	±0.5nm
Wavelength Repeatability	0.2nm
Wavelength Setting	Auto
Photometric Accuracy	±0.3%T
Photometric Repeatability	0.2%T
Photometric Range	-0.3-3A 0-200%T 0-9999C
Stability	± 0.001A/h @ 500nm
Baseline Flatness	± 0.0015A/h
Stray Light	≤0.05%T
Data Output Port	USB
Printer Port	Parallel Port
Display	128*64 Dots LCD
Lamps	W Lamp/D2&W Lamp
Detector	Silicon Photodiode
Power Requirements	AC 220V/50Hz or 110V/60Hz
Dimension	460*360*225mm
Weight	18kg

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Options available for UV/VIS Spectrophotometer :

Variation

(YR01855) with PC software (+\$ 1,850.00),
(YR01853).