

Double Beam UV/VIS



Model : YR01863
Double Beam UV/VIS
Manufacturer : Kalstein
Price : \$ 14,200.00

Description :

YR01863 Double Beam UV/VIS

YR01863 series are wide screen double beam spectrophotometer. They adopt double beam long light path design to ensure the stability and accuracy; They are the best choice of high quality spectrophotometers.

Features

Light path design: double beam

YR01863 series' double light path design can prevent circuit fluctuation and stray light to ensure stability of the instrument.

Powerful software functions

Multi functions like spectrum scanning, standard curve, kinetics, multi wavelength scanning, DNA/Protein testing can be operated directly on the pc.

Long path light design

YR01863 series' unique 520mm long light path design greatly improved resolution and the bandwidth can reach 0.5nm.

Multi functions on Spectrophotometer

Multi functions operated directly on the spectrophotometer and display the test results' curve and data: wavelength scanning, standard curve, kinetics, multi wavelength scanning, DNA/Protein test.

16mm optical base

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YR01863 series use a rigid 16mm diecast aluminum base as their optical mount to ensure the stability and reliability.

Perfect calibration system

All baseline, wavelength, dark current can be calibrated automatically to keep good running conditions.

6 inches LCD display

YR01863 series have a 6 inches LCD display to show results and curves directly on the screen.

Data output

YR01863 series are equipped with USB port to connect with a PC, the software comes standard with the instrument.

Technical Specification

Double Beam UV/VIS

Model	YR01863
Optical System	Double Beam(1200 Lines/mm Grating)
Wavelength Range	190-1100nm
Bandwidth	1.8nm
Wavelength Accuracy	±0.3nm
Wavelength Repeatability	0.2nm
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	± 0.001A/h
Noise	± 0.001A/h
Stray Light	≤0.05%T @ 220nm,360nm
Data Output Port	USB
Printer Port	Parallel Port
Display	320*240 Dots LCD
Lamps	D2 Lamp & W Lamp
Detector	Silicon Photodiode
Power Requirements	AC 220V/50Hz or 110V/60Hz
Dimension	625*430*206mm
Weight	30kg