

Single beam visible spectrophotometer



Model : YR01844

Single beam visible spectrophotometer

Manufacturer : Kalstein

Price : \$ 1,650.00

Description :

YR01844 is a single beam visible spectrophotometer with manual wavelength setting. It is a basic model and ideal choice for routine analysis and general experiments. This specially designed single beam spectrophotometer is a low cost spectrophotometer which offers high performance, easy operation and wide application.

Features

Microprocessor controlled

With microprocessor controlled, YR01844 can realize auto Zero and auto 100%T adjustment with one push-button. YR01844 has a LCD display instead of LED display for direct readout of Transmittance, Absorption, and Concentration.

Grating monochromator

YR01844 uses 1200 line grating which ensures high resolution, low stray light and high parameters accuracy.

Date output

YR01844 is equipped with USB port which can be connected to PC to edit date through specific software. Date can also be printed through a parallel port when connected to a micro printer.

Compact design, easy to carry

The compact design of YR01844 saves bench space while all components function remain performed like 120mm wide sample compartment and long optical path monochromator.

Four Display Mode

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YR01844 can display absorption, transmittance, concentration and coefficient directly by different mode switching.

Technical Specification

Single beam visible spectrophotometer

Model	YR01844
Optical System	Single Beam,Grating 1200lines/mm
Wavelength Range	325-1000nm
Spectral Bandwidth	4nm
Wavelength Accuracy	±2nm
Wavelength Repeatability	1nm
Photometric Accuracy	±0.5%T
Photometric Repeatability	0.3%T
Photometric Mode	T, A, C, F
Stray Light	≤0.2%T
Stability	± 0.002A/h @ 500nm
Display	LCD
Detector	Silicon Photodiode
Output	USB Port & Parallel Port(Printer)
Light Source	Tungsten Halogen Lamp
Power Requirements	AC 85-250V
Dimension	420*280*180mm
Weight	8kg