

Product Code . JL-LE-8253

Spectrophotometer 335-1000nm



Description

Spectrophotometer 335-1000nm

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JLab features a 10nm slit width and is designed to be used with ½" (13mm) round tubes or 10mm square cuvettes (an adaptor is supplied at no additional charge for 10mm square optical glass cuvettes).

Optional software packages are also available for further processing and analyses of data collected.

The spectrophotometer comes with 12 round optical glass cuvettes, a square cuvette adapter, dust cover, and user manual.

JLab is reliable and easy to use featuring automatic zeroing, one-touch blanking, and built-in automatic filters for easy operation.

Each option can easily be selected by using the Mode button located on the control panel.

The large screen graphics LCD are easy to read and gives quick accurate readings in Absorbance, Transmittance, Factor, and Concentration.

High-quality silicon photodiode detector and 1200 lines/mm grating assure high performance, while second-order filters are built-in and automatically adjust as the wavelength is set.

JLab offers a USB port to interface with Windows-based computers.

Specification:-

Wavelength Range:	335~1000nm
Slit Width:	10nm
Optical System:	Single Beam, Grating System 1200 l/mm
Wavelength Accuracy:	± 2nm
Wavelength Repeatability:	± 1nm
Display:	Graphic LCD; Absorbance, Transmittance
Stray Energy:	≤ 0.3%T at 340 and 400nm
Photometric Range:	0% -125% Transmittance, 0 - 2.5 Absorbance
Photometric Accuracy:	± 1% T
Data Output:	USB & RS232
Light Source:	Tungsten Halogen Lamp 6V/10W
Power Requirements:	90-240Vac, 50-60Hz, 50VA

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