

UV-VIS SPECTROPHOTOMETER

Single Beam (LIM-330)

APPLICATION :

The **spectrophotometer** is an instrument which measures the amount of light of a specified wavelength which passes through a medium. According to Beer's law, the amount of light absorbed by a medium is proportional to the concentration of the absorbing material or solute present.



FEATURES :

- Large LCD screen (128x64 dots).
- Can display and save 50 groups of data, 5 groups per screen.
- Data can be restored after a sudden power cut.
- Auto setting wavelength.
- Tungsten lamp and deuterium lamp can be turned on/off individually to extend lifetime.
- Automatically wavelength calibration and dark current getting.

TECHNICAL SPECIFICATIONS :

MODEL : LIM-330	
Range	190nm to 1000nm
Optical System	Single Beam, Grating 1200 lines / mm
Bandwidth	2nm
Wavelength Accuracy	±1nm
Wavelength Repeatability	0.5nm
Wavelength Setting	Auto
Photometric Accuracy	±0.5%T
Detector	Silicon Photodiode
Standard cell holder	4 position 10mm cell holder
Display	128 x 64 dots LCD
Light Source	Tungsten Halogen & Deuterium Lamp
Output	USB port (for Data Transfer) & Parallel port (for Printer)
Power	230V AC, 50Hz

Models, Features and Specifications subject to change without notice.