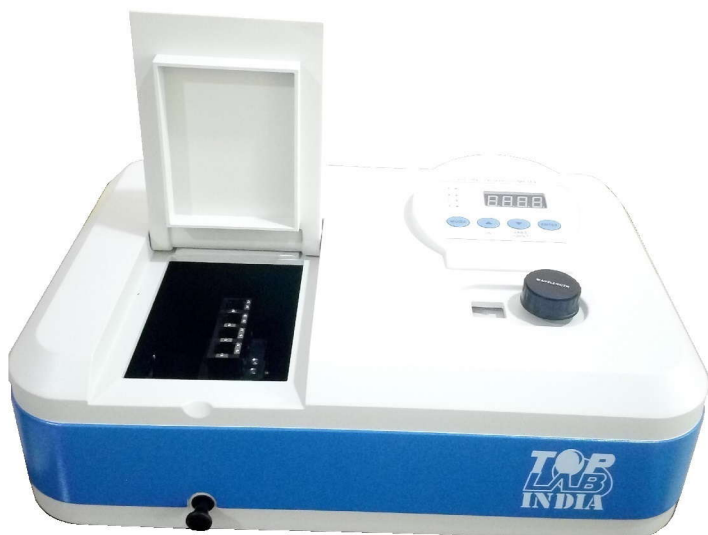


Visible Spectrophotometer



»» TL-1100V

TOPLAB INDIA'S TL-1100V is a Single Beam Visible Spectrophotometer with manual wavelength setting. It is a microprocessor based Visible spectrophotometer model and it is ideal choice for routine analysis and general laboratory experiments. TL-1100V specially designed Single Beam Visible Spectrophotometer is low cost instrument which offers high performance, easy operation and wide application range available in market.

• Features

• Microprocessor controlled

With microprocessor control TL-1100V can realize Auto zero and Auto 100%T adjustment with one push button. TL-1100V has a digital LED display for direct readout of Transmittance, Absorbance and Concentration.

• Grating monochromator

TL-1100V uses 1200 lines/mm Grating which ensures high resolution, low stray light and high parameters accuracy.

• Compact design, easy to carry

The compact design of TL-1100V saves bench space and easy to carry , while all components function remain performed like 120mm wide sample compartment and long optical path monochromator.

• Four Display Mode

TL-1100V can display Absorbance (OD, Transmittance (%T) and Concentration directly by different mode switching with single push button. It can be directly input standard sample and the corresponding standard concentration value for concentration measurement.

• Data output

TL-1100V is equipped with USB port which can be connected to PC (Computer) to operate the Visible Spectrophotometer through Software Operation and to edit data through specific software. The PC Operation software is provided as Optional on request at extra cost.

Data can be printed through a parallel port when connected to a specific printer.



Visible Spectrophotometer

Technical Specification ... >>>

Model	TL-1100V
Optical System	Single Beam, Grating
Wavelength Range	325-1000nm
Bandwidth	4nm
Wavelength Accuracy	±2nm
Wavelength Repeatability	1nm
Wavelength Setting	Manual
Photometric Accuracy	±0.5% T
Photometric Repeatability	0.2% T
Photometric Range	- 0.3-3A, 0-200% T
Photometric Mode	T, A, C
Stray Light	≤0.05% τ (340nm NaNO ₂)
Stability	±0.001A/30min@500nm
Display	4 LED display
Detector	Silicon Photodiode
Output	USB Port & Parallel Port (Printer)
Light Source	Tungsten Lamp
Power Requirements	AC 220V/50Hz
Dimension	360×280×190mm
Weight	8kg

Standard Accessories >>>

Item	Description	Quantity	Unit
1	Spectrophotometer	1	set
2	1cm Glass cuvette	4	pcs
3	Power cord	1	pcs
4	User's Manual	1	pcs
5	Dust Cover	1	pcs
6	Software (Optional with PC model)	1	pcs