



# ICON INSTRUMENTS COMPANY

## Microprocessor Visible Spectrophotometer

Visible Spectrophotometer models are designed for reliable continuous operation. It is easy to use, throughly reliable and above all low cost.

- The monochromator with a holographics flashing grating is used.
- It has the advantage of high wavelength precision, good monochromaticity and low stray light.
- A sample compartment for 0.5cm-10cm cells.
- Computer control system, precise automatic T/A changeover.
- Automatic Zero and full scale adjustment.
- Direct concentration read-out and concentration factor setting function.
- Equipped with RS 232 port. Data can be sent to PC by special software.



### Applications :

- Medicine/Pharmaceutical
- Commodity Inspection
- Agricultural Chemistry
- Metallurgy
- Machine Manufacturing
- water, and waste water Labs
- Industry Environmental Monitoring
- Food Inspection
- Teaching in Collages & Universities
- Geology
- Petrochemical Industries
- Food and Beverage Labs4

### Technical Parameters :

Wavelength Range	:	325-1000nm
wavelength Accuracy	:	<2 nm
Wavelength Repeatability	:	<1nm
Transmittance Accuracy	:	±0.5%
Transmittance Repeatability	:	< 0.2%
Spectrum Bandwidth	:	2 nm/1 nm
Stray Light	:	<0.5% (at 360 nm, NaNo,)
Light Current Drift	:	0.5% /3min
Dark Current Drift	:	0.2%/ 3 min
Cell Holder	:	10nm
Dimensions	:	56 x 48 x 29 cms
Net Weight	:	13.5 Kgs
Gross weight	:	27 Kgs

### STANDARD CONFIGURATION

- Main Instrument : 1 unit
- Operational Manual : 1 pc
- Glass Cell 10 mm : 4 pcs
- Power Cable : 1 pc
- Fuse(3A) : 2 pcs
- Software CD : 1 no.
- Software Key : 1 no.
- Rs232 Cable : 1 no.

### Optional

- 5/10/20/50MM Glass Cell
- 5/10/20/50MM Quartz Cell
- 50 mm Cell holder
- 100 mm Cell holder
- Tungsten-halogen lamp (12V 30W)

Works : Z-67, Okhla Industrial Area, Phase-II, New Delhi - 110020

Phone : +91-11-26383676 • E-mail : iconinstruments.india@gmail.com, sales@iconinstruments.co.in

Website: www.iconinstruments.co.in