

## IV-39 VISIBLE SPECTROPHOTOMETER

### PRODUCT FEATURES

- Large Sample Room to Place 50mm Cuvette
- Digital Display of %T, Abs and Conc
- Auto Light Door and Zero Setting
- Compact Design
- Covers 320 - 1020nm

### MICROPROCESSOR BASED



### ACCESSORIES

- Glass Cuvettes - A Set of 2
- Instruction Manual
- RS232 Cable for PC Connectivity
- Mains Lead
- Dust Cover
- Software

### Technical specification

<b>Optical System</b>	Czerny-turner CT grating monochromator, 1200 lines/mm
<b>Wavelength Range \ Accuracy \ Repeatability</b>	320-1020nm \ 2 nm \ ≤2 nm
<b>Spectral Bandwidth</b>	4nm
<b>Photometric Range</b>	-0.000 to 1.999A, 0-199.9%
<b>Photometric Accuracy \ Repeatability</b>	±1%T \ 0.5%T
<b>Measuring Optical Path</b>	18mm, 50 mm
<b>Stray Light</b>	±1.0%T (340 nm)
<b>Stability</b>	± 0.004 A/h (500 nm preheat 1 hour)
<b>Display Modes</b>	4 modes, LCD
<b>Detector</b>	Silicon photodiode
<b>Keyboard</b>	Soft touch membrane key
<b>Wavelength Resolution</b>	2nm
<b>Basic Measurement</b>	%T, ABS, CONCENTRATION, FACTOR
<b>Light Source</b>	6V 10W
<b>Operating Voltage</b>	220V/110VAC 50-60Hz