

V-125 Visible Spectrophotometer

V-125 visible spectrophotometer is a single beam, general purpose instrument designed to meet the needs of the laboratories for analysis. It is ideal for various application fields such as, chemistry, medicine, environmental protection, food and beverage, wine industry and quality control.



Specifications

Wavelength Range	320 - 1050nm
Bandwidth	4nm
Optical System	Single beam, grating: 1200 lines/mm
Wavelength setting	Digital display, via rotary encoder
Wavelength Accuracy	± 1.5nm
Wavelength Repeatability	0.5nm
Wavelength Resolution	0.5nm
Photometric Range	-0.3 - 3A, 0 - 200%T, 0 - 9999C
Photometric Accuracy	± 0.5%T or ± 0.006A@1A
Photometric Repeatability	0.3%T or 0.003A@1A
Stray Light	0.2%T@360nm
Stability	± 0.004A/h @500nm
Display	3.2 inch TFT LCD (400 x 240 dots)
Standard Holder Installed	4-position 10mm cuvette holder
Light Source	Tungsten halogen lamp
Output	USB port and RS-232 port (printer)
Power	100 ~ 240VAC, 50/60Hz, 55W
Dimensions	470 x 345 x 180mm
Weight	8kg

Features

- Start up self-calibration
- High resolution TFT colour LCD display (400 x 240 dots)
- Easy and accurate wavelength setting via rotary encoder
- Move to the set wavelength, and do zero automatically
- Pre-aligned design ensures easy lamp replacement
- Large sample compartment to accommodate bigger cuvettes up to 100mm light path
- Windows basic software expands the applications to Standard Curve and Kinetics

Basic Windows software

The PC based Basic Windows software via a USB port can extend the applications to Quantitative (Standard Curve) and Kinetics. It is free and included into a USB flash drive with its manual. One USB 2.0 A to B Cable needs to be provided by customer or ordered from us.

Optional Accessories

There is a wide range of accessories including different cell holders, sipper and peltier system etc available to satisfy the specific analysis requirements. Please refer to the spectrophotometer accessory section from our website.

Packing list

Description	Qty
Spectrophotometer	1
10 mm Glass Square Cuvette	1 box of 4
4-Position 10mm Cuvette Holder	Installed
USB flash drive (software & manuals)	1
Dust Cover	1
Power Cord	1