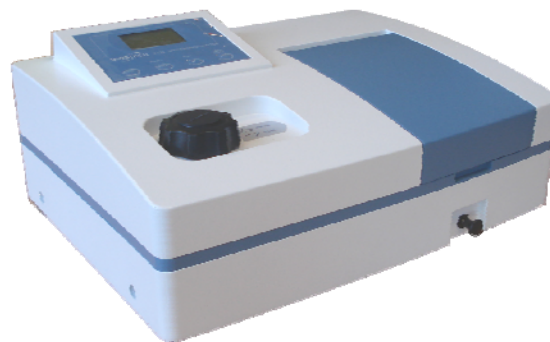


V-120

Visible Spectrophotometer

V-120 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	325 - 1000nm
Bandwidth	4nm
Optical System	Single beam, grating: 1200 lines/mm
Wavelength setting	Manual, digital display
Wavelength Accuracy	± 2nm
Wavelength Repeatability	1nm
Wavelength Resolution	0.5nm
Photometric Range	0 - 200%T, -0.3 - 3.0A, 0 - 1999Conc
Photometric Accuracy	± 0.5%T or ± 0.003A@1A
Stray Light	0.3%T @360nm
Stability	± 0.004A/h @500nm
Display	LCD (126 x 64 dots)
Standard Holder Installed	4-position 10mm cuvette holder
Light Source	Tungsten halogen lamp
Data Output	USB and parallel
Power	85 ~ 265VAC, 50/60Hz
Dimensions	480 x 360 x 160mm
Weight	10kg

Features

- Large LCD display (128 x 64 dots)
- Wavelength readout from screen
- Easy to use, auto zero and blank
- 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 can be provided upon request and part number is SS-100. It is free and includes a software CD and manual. One 1.8m USB 2.0 A to B Cable needs to be provided by customer or can be 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 set of 4
4-Position 10mm Cuvette Holder	Installed
User Manual	1
Dust Cover	1
Power Cord	1