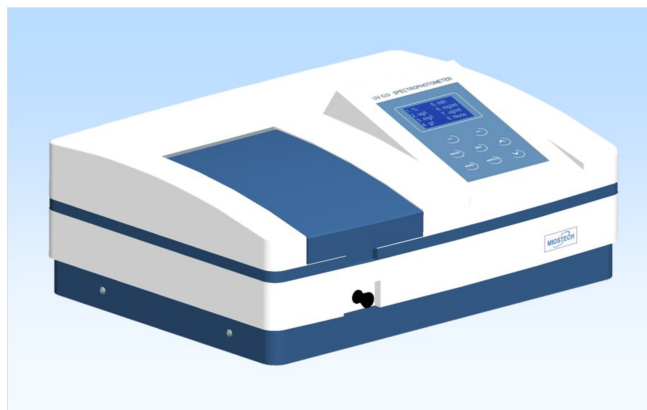


UV-120

UV-Vis Spectrophotometer

UV-120 UV-Vis 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 | 200 - 1000nm |
| Bandwidth | 4nm |
| Optical System | Single beam, grating: 1200 lines/mm |
| Wavelength setting | Auto setting |
| Wavelength Accuracy | ± 2nm |
| Wavelength Repeatability | 1nm |
| Photometric Range | 0 - 200%T, -0.3 - 3.0A, 0 - 9999Conc |
| Photometric Accuracy | ± 0.5%T or ± 0.003A@1A |
| Stray Light | 0.3%T |
| Stability | ± 0.002A/h @500nm |
| Display | LCD (126 x 64 dots) |
| Standard Holder Installed | 4-position 10mm cuvette holder |
| Light Source | Tungsten halogen and Deuterium lamps |
| Data Output | USB and parallel |
| Power | 220 - 240VAC/50Hz or 110 - 120VAC/60Hz |
| Dimensions | 470 x 370 x 180mm |
| Weight | 14kg |

Features

- Large LCD display (128 x 64 dots)
- Wavelength auto setting
- Save test results, display group data and standard curves
- Tungsten halogen and Deuterium lamps can be turn on/off individually
- Pre-aligned design ensures easy lamp replacement
- Large sample compartment to accommodate bigger cuvettes up to 100mm light path

Basic Windows software

The PC based Basic Windows software via a USB port can expand the applications to Quantitative (Standard Curve) and Kinetics. It can be provided upon request and the part number is SS-100

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 Optical Square Cuvette | 1 set of 4 |
| 4-Position 10mm Cuvette Holder | Installed |
| User Manual | 1 |
| Power Cord | 1 |