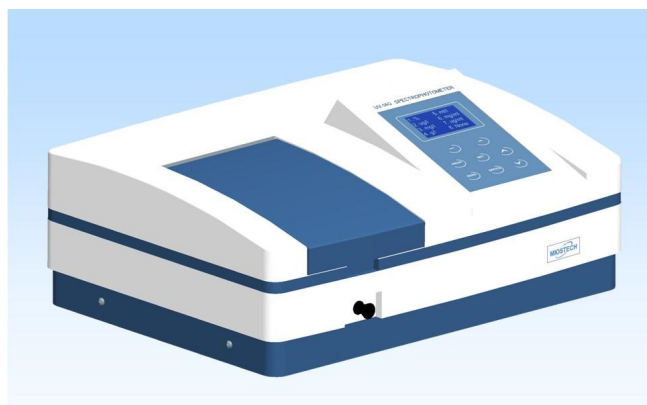


V-140 Visible Spectrophotometer

V-140 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 | Auto setting |
| Wavelength Accuracy | ± 2nm |
| Wavelength Repeatability | 0.8nm |
| Photometric Range | 0 - 200%T, -0.3 - 3.0A, 0 - 9999Conc |
| Photometric Accuracy | ± 0.5%T or ± 0.004A@1A |
| Stray Light | 0.2%T |
| Stability | 0.002A/h @500nm |
| Display | LCD (128 x 64 dots) |
| Standard Holder Installed | 4-position 10mm cuvette holder |
| Light Source | Tungsten halogen lamp |
| Output | USB port and parallel port (printer) |
| Power | 100 - 240VAC, 50/60Hz |
| Dimensions | 490 x 370 x 210mm |
| Weight | 12kg |

Features

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

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 |