



V-5100B/UV-5100B SPECTROPHOTOMETER

Features

- ※ Large LCD screen (128x64 Dots).
- ※ Can display and save 50 groups of data, 5 groups per screen.
- ※ Data can be restored after a sudden power cut.
- ※ Auto setting wavelength.
- ※ Tungsten lamp & deuterium lamp can be turned on/off individually to extend lifetime.
- ※ Automatical WL. calibration and dark current getting.
- ※ Optional software UV-BASIC can expand the applications to Kinetics and Quantitatives.

Specifications

| Model | V-5100B | UV-5100B |
|---------------------------|------------------------------------|------------------------------|
| Optical System | Single Beam, Grating 1200lines/mm | |
| Wavelength Range | 325-1000nm | 190-1000nm |
| Spectral Bandwidth | 4nm | |
| Wavelength Accuracy | ±1nm | |
| Wavelength Repeatability | 0.5nm | |
| Wavelength Setting | Auto | |
| Photometric Accuracy | ±0.5% T | |
| Photometric Repeatability | 0.3% T | |
| Photometric Range | -0.3-3A, 0-200% T | |
| Stray Light | ≤0.3% T | |
| Stability | ±0.002A/h @ 500nm | |
| Display | 128 x 64 Dots LCD | |
| Detector | Silicon Photodiode | |
| Standard Cell Holder | 4-position 10mm cell changer | |
| Light Source | Tungsten lamp | Tungsten & Deuterium lamp |
| Output | USB Port & Parallel Port (printer) | |
| Power Requirement | AC 85~250V | AC 220V/50Hz or AC 110V/60Hz |
| Dimensions (W x D x H) | 420*280*180mm | |
| Weight | 12kg | 15kg |