

UV/VIS Spectrophotometer



Model UVM-5100

- σ. Can display and save 50 groups of data, 3 groups per screen.
- σ. Data can be restored after a sudden power cut.
- σ. Auto setting wavelength.
- σ. Tungsten lamp & deuterium lamp can be turned on/off individually to extend lifetime.
- σ. Automatically WL. calibration and dark current getting.
- σ. Optional software can expand the applications to Kinetics and Quantitative.



E-mail : sales@maanlab.se

| Model | UVM-5100 |
|---------------------------|------------------------------------|
| Optical System | Single beam, Grating 1200 lines/mm |
| Wavelength Range | 200-1000nm |
| 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*64 Dots LCD |
| Detector | Silicon Photodiode |
| Standard Cell Holder | 4-position 10mm cell changer |
| Light Source | Tungsten & Deuterium lamp |
| Output | USB Port & Parallel Port(Printer) |
| Power Requirements | AC 85~250V |
| Dimension | 420*280*180mm |
| Weight | 12kg |

UV/VIS Spectrophotometer



Model :UVM -5200

- σ. Can save 200 groups of curve equation. Convenient for check and reload.
- σ. Data can be restored after a sudden power cut.
- σ. Auto setting wavelength. Auto zero and blank.
- σ. Tungsten lamp & deuterium lamp can be turned on/off individually to extend I lifetime.
- σ. The application software provides complete control of the spectrophotometer from a computer through the Built-in USB port. The functions can be easily achieved: Quantitative, Kinetics, Wavelength Scan, DNA/Protein Test and Multi-wavelength Test.
- σ. The flange of the D2 lamp makes it become true Pre-aligned design makes it convenient to change lamps.



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| Model | UVM -5200 |
|---------------------------|------------------------------------|
| Optical System | Single beam, Grating 1200 lines/mm |
| Wavelength Range | 190-1100nm |
| Bandwidth | 2nm |
| Wavelength Accuracy | ±1nm |
| Wavelength Repeatability | 0.5nm |
| Wavelength Setting | Auto |
| Photometric Accuracy | ±0.3% T |
| Photometric Repeatability | 0.2% T |
| Photometric Range | -0.3-3A,0-200% T,0-9999C |
| Stability | ± 0.002A/h @ 500nm |
| Stray Light | ≤0.1% T |
| Data Output Port | USB |
| Printer Port | Parallel Port |
| Display | 128*64 Dots LCD |
| Lamps | D2 Lamp & W Lamp |
| Detector | Silicon Photodiode |
| Power Requirements | AC 220V/50Hz or 110V/60Hz |
| Dimension | 460*360*225mm |
| Weight | 18kg |