

AMV01 Visible Spectrophotometer

Features:

1. Large LCD screen (128x64 Dots).
2. Can display and save 50 groups of data, 3 groups per screen.
3. Data can be restored after a sudden power cut.
4. Auto setting wavelength.
5. Tungsten lamp & deuterium lamp can be turned on/off individually to extend lifetime.
6. Automatic WL. calibration and dark current getting.
7. Optional software UV-Professional can expand the applications to Kinetics and Quantitative.

Specifications:

1. Optical System: Single beam, Grating 1200 lines/mm
2. Wavelength Range: 325~1000nm
3. Bandwidth: 4nm
4. Wavelength Accuracy: $\pm 1\text{nm}$
5. Wavelength Repeatability: 0.5nm
6. Wavelength Setting: Auto
7. Photometric Accuracy: $\pm 0.5\%T$
8. Photometric Repeatability: 0.3%T
9. Photometric Range: -0.3~3A, 0~200%T
10. Stray Light: 0.3%T max
11. Stability: $\pm 0.002A/h$ @500nm
12. Display: 128*64 Dots LCD
13. Detector: Silicon Photodiode
14. Standard Cell Holder: 4-position 10mm cell changer
15. Light Source: Tungsten Lamp
16. Output: USB Port & Parallel Port (Printer)
17. Power Requirements: AC 85~250V
18. Dimension: 420*280*180mm
19. Weight: 10kg