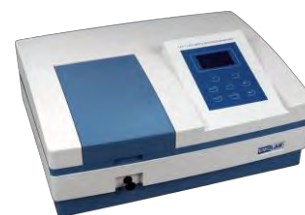


UV / VIS Spectrophotometer EMC-11-UV

EMC-11-UV spectrophotometer is the ideal instrument for education and QC laboratories. Using your standard sample solutions, you can get a standard curve on the large LCD screen. It is widely used in colleges and enterprises for general quantitative analysis and experiments.

Features:

- Large LCD screen (128*64 Dots)
- Can display total 50 groups of data, 3 groups per screen.
Can display standard curve and the curve equation
- System can also save the test results. Total groups of data and 200 standard curves can be saved; it is convenient for check and reload.
- 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
- Pre-aligned design makes it convenient to change lamps
- Large sample compartment, it can be accommodate 5-100 mm path length cuvettes with optional holders. A variety of optional accessories are available
- The optional application software *M. Wave Professional* provides complete control of the spectrophotometer through the Built-in USB port. You can achieve the following functions:
I. Quantitative II. Kinetics III. Wavelength Scan IV. Multi Wavelength V. DNA/Protein



Model	EMC-11UV
Wavelength Range	200-1000 nm
Spectral Bandwidth	4 nm
Optical System	Singe Beam, grating 1200 lines/mm
Wavelength Accuracy	±2 nm
Wavelength Repeatability	1 nm
Photometric Accuracy	≤±0.5 % T or ±0.003A@1A
Photometric Range	0-200 % T, -0.3 - 3A, 0-9999 Conc.
Stray Light	0.3 % T
Stability	±0.002A/h @500 nm
Detector	Silicon Photodiode
Standard Cell Holder	4-position 10 mm cell changer
Sample compartment	Standard 10 mm path length cuvette
Light Source	Tungsten & Deuterium lamp
Output	USB Port & Parallel Port (Printer)
Power Requirement	AC 110/220V 50/60 Hz
Dimensions (LxWxH)	489 x 387 x 180 mm
Weight	14 kg