

Features:

- Color TFT screen
- Self-check system
- Fast choose wavelength
- Auto Zero and Blank
- Sample compartment for different cell holders
- Incl. PC Software EMC-λ Lambda (Wavelength Measurement, Spectrum Scan, Quantitative Measurement, Kinetic Measurement, DNA/RNA Measurement)
- Incl. EMCLAB Works Calibration Certificate



The additionally installed deuterium lamp enables the 11S-UV, in contrast to the 11S-V, to also measure within the UV range of the light spectrum. It is therefore suitable for applications that need to cover a greater variability of samples. Kinetic measurements and wavelength scans can also be performed with the instrument via the PC software EMC-λ Lambda.

Model	EMC-11S-UV
Wavelength Range	200-1000 nm
Spectral Bandwidth	4 nm
Optical System	Single Beam, grating 1200 lines/mm
Wavelength Accuracy	±2 nm
Wavelength Repeatability	1 nm
Photometric Accuracy	≤±0.5 % T or ±0.005A@1A
Photometric Range	0-200 % T, -0.3 - 3A 0-9999 conc.
Photometric Repeatability	≤0.2 % T
Photometric Mode	T, A, C, F
Stray Light	0.2 % T
Stability	±0.004A/h@500 nm
Baseline Flatness	±0.001A (200-1000 nm)
Noise	0.003A@500 nm
Detector	Silicone Photodiode
Display	Color TFT screen
Central beam height	15 mm
Standard Cell Holder	4-position cell holder 10x10 mm
Light Source	Tungsten & Deuterium lamp
Output	USB port & Parallel port for printer
Power Requirement	AC 85V~265V 50/60 Hz
Dimensions (LxWxH)	440 x 350 x 200 mm
Weight	9 kg
Article No.	EMC-80027