

Features:

- 5 Inch color touch screen
- Self-check system, split beam
- Split beam Auto Zero and Blank
- Sample compartment for different cell holders 10-, 20-, 50-, 100mm
- Saves the results
- Up to 200 methods & 100 standard curves can be stored
- Incl. PC-Software EMC-λ Lambda (Wavelength Measurement, Spectrum Scan, Quantitative Measurement, Kinetic Measurement, DNA/RNA Measurement)
- Incl. EMCLAB Works Calibration Certificate



Magnetic Quick Change Cell Holder included



The EMC-4FLASH² combines the easy use of the S-series with more comprehensive features of the larger instruments. Wavelength scans and kinetic measurements can be performed directly with the instrument. The instrument's internal storage provides space for up to 100 standard curves and 200 methods.

Model	EMC-4FLASH ²
Wavelength Range	190-1100 nm
Spectral Bandwidth	2 nm
Optical System	Split Beam
Wavelength Accuracy	±0.5 nm
Wavelength Repeatability	≤0.2 nm
Photometric Accuracy	0, ±0.003A@0.5~1A or ±0.5%@0-100%T
Photometric Range	0-200 % T, -0.3 - 3A 0-9999 conc.
Photometric Repeatability	≤0.2 % T@0-100%, ≤0.002@0-0.5A
Photometric Mode	T, A, C, F
Stray Light	≤0.05 % T@340nm, ≤0.005%T@220nm
Stability	±0.001A/h@500 nm
Baseline Flatness	±0.002A (200-1000 nm)
Noise	0.0001A@0.0A (260nm)
Detector	Dual Silicone Photodiode
Display	5" color screen
Central beam height	15 mm
Standard Cell Holder	4-position quick change cell holder 10x10 mm (p. 12)
Light Source	Xenon flash lamp
Output	USB port & Parallel port for printer
Power Requirement	AC 85 V~265 V 50/60 Hz
Dimensions (LxWxH)	490 x 380 x 220 mm
Weight	11 kg
Article No.	EMC-80091