

Features:

- Double Beam
- LCD screen (320*240 dots)
- Self-check system
- Auto Zero and Blank
- Sample compartment for different cell holders
- Incl. USB memory stick for methods and results
- Incl. PC software ANALYST (Wavelength Measurement, Wavelength Scan, Quantitative Measurement, Kinetic Measurement, DNA/Protein Measurement)
- Incl. EMCLAB Works Calibration Certificate

With this device, samples and reference are measured simultaneously. This ensures fast and precise measurement results. Variables and values can be entered accurately via the keypad and graphs can be shown directly on the large display. Methods and measurement results can be saved on the instrument's internal storage or an external USB stick.

This instrument features a port for the optionally available Peltier/Sipper System (p. 15).



Model	EMC-61PC-UV
Wavelength Range	190-1100 nm
Spectral Bandwidth	1.8 nm
Optical System	Double Beam, grating 1200 lines/mm
Wavelength Accuracy	±0.3 nm
Wavelength Repeatability	0.2 nm
Photometric Accuracy	≤±0.5 % T or ±0.005A@1A
Photometric Range	0-200 % T, -0.3 - 3A, 0-9999 conc.
Photometric Repeatability	≤0.001A (0-0.5A), ≤0.002A (0-0.5A) ≤0.15 % T (0-100%)
Scan Speed	Hi, MED, LOW, MAX. 3000 nm/min
Stray Light	0.05 % T
Stability	±0.001A/h@500 nm
Baseline Flatness	±0.001A (200-1000 nm)
Noise	0.0003A@500 nm
Detector	Silicone Photodiode
Display	LCD 320*240 dots
Central beam height	15 mm
Standard Cell Holder	4-position cell holder + 1 reference 10x10 mm
Light Source	Tungsten & Deuterium lamp
Output	USB port A for USB memory stick USB port B for PC connectivity Parallel port for printer
Power Requirement	AC 110/230V 50/60 Hz
Dimensions (LxWxH)	589 x 428 x 240 mm
Weight	22 kg
Article No.	EMC-80070