

Features:

- Double Beam
- Variable bandwidths 0.5/1/2/4/5 nm
- LCD screen (320*240)
- 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



Similar to the 61PC-UV, the 61PCS-UV is a double beam photometer, making it particularly fast and precise. Due to the variable bandwidth, the 61PCS-UV offers maximum freedom in the selection of methods. It is therefore particularly suitable for use in the pharmaceutical sector.

Model	EMC-61PCS-UV
Wavelength Range	190-1100 nm
Spectral Bandwidth	0.5/1/2/4/5 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@220, 340 nm
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
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	24 kg
Article No.	EMC-80080