

Technical Data Sheet

APM LED UV-CUBE III

APM - product number: 105402

LED UV CUBE III

405nm

LED curing Cube for

UV - curing adhesives and UV- curing optical cements



APM LED UV-CUBE III

Technical specifications

Dimensions of device	Width: 362 mm Height: 455 mm Depth: 342 mm	
Curing volume	Width: 298 mm Height: 298 mm Depth: 335 mm	
Weight / material	Cube complete with UV modules: 22 kg Exteriorsteel Color silver	
Wavelength	405nm	
UVA intensity at 405nm (measured at 100% power setting)	405nm: 30 - 100mW/cm ²	@ 100 mm from top
	405nm: 30 - 60 - 82mW/cm ²	@ 200 mm from top
	405nm: 20 - 40mW/cm ²	@ 280 mm from top
Controller	Touch panel for curing time and power level. Hard switch for curing on / off.	
Power supply / connection	Input: 100 – 240 VAC 50-60 Hz	
Safety functions	Door interlock, LED temperature limit	
Programmable Operating time	1 min to 99 hours, optional: 1 sec to 99 min	
Lighting display	Signal lamp is on: UV Radiation Signal lamp is off or blinking: UV No Radiation	
Operating / Storage temperature	+15 °C to +30 °C / -20 °C to +50 °C	
Humidity	5 % to 85 % relative humidity (non-condensing)	
Accessories	EIT UV measuring device (optional)	
Options	N2 purge with O2 level detection triggering curing cycle Rotation stage	
Certification	CE	

Preliminary, subject to technical changes.

Date: 01.02.2023