

## Technical Data Sheet

### APM LED UV-CUBE III

APM - product number: 105401

### LED UV CUBE III

365/405nm

LED curing Cube for

**UV - curing adhesives and UV- curing optical cements**



APM LED UV-CUBE III

## Technical specifications

<b>Dimensions of device</b>	Width: 362 mm Height: 455 mm Depth: 342 mm	
<b>Curing volume</b>	Width: 298 mm Height: 298 mm Depth: 335 mm	
<b>Weight / material</b>	Cube complete with UV modules: 22 kg Exterior .....steel Color ..... silver	
<b>Wavelength</b>	365 & 405nm	
<b>UVA intensity at 365/405 nm</b> (measured at 100% power setting)	365nm: 18 - 70mW/cm <sup>2</sup> 405nm: 17 - 58mW/cm <sup>2</sup>	@ 100 mm from top
	365nm: 17 - 31mW/cm <sup>2</sup> 405nm: 17 - 31mW/cm <sup>2</sup>	@ 200 mm from top
	365nm: 20 - 27mW/cm <sup>2</sup> 405nm: 15 - 21mW/cm <sup>2</sup>	@ 280 mm from top
<b>Controller</b>	Touch panel for curing time and power level. Hard switch for curing on / off.	
<b>Power supply / connection</b>	Input: 100 – 240 VAC 50-60 Hz	
<b>Safety functions</b>	Door interlock, LED temperature limit	
<b>Programmable Operating time</b>	1 min to 99 hours, optional: 1 sec to 99 min	
<b>Lighting display</b>	Signal lamp is on: UV Radiation Signal lamp is off or blinking: UV No Radiation	
<b>Operating / Storage temperature</b>	+15 °C to +30 °C / -20 °C to +50 °C	
<b>Humidity</b>	5 % to 85 % relative humidity (non-condensing)	
<b>Accessories</b>	EIT UV measuring device (optional)	
<b>Options</b>	N2 purge with O2 level detection triggering curing cycle Rotation stage	
<b>Certification</b>	CE	

Preliminary, subject to technical changes.

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