

## Technical Data Sheet

### APM LED UV CUBE II

APM - product number: 103200

### LED UV CUBE II - 365 nm

LED curing Cube for

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



APM LED UV CUBE II

## 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: 12 kg Exterior .....steel Color ..... silver
<b>Wavelength</b>	365 nm
<b>UVA intensity at 365 nm (Standard power version)</b>	14 - 16 mW / cm <sup>2</sup> @ 140 mm from top 8 - 10 mW / cm <sup>2</sup> @ 240 mm from top 5 - 6 mW / cm <sup>2</sup> @ 300 mm from top (measured at 100% power setting)
<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, LED failure detection
<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>	<ul style="list-style-type: none"> <li>- Mid and High Power versions with up to 45 mW / cm<sup>2</sup></li> <li>- Up to 3 wavelengths simultaneously</li> <li>- N<sub>2</sub> purge with O<sub>2</sub> level detection triggering curing cycle</li> <li>- Rotation stage</li> </ul>
<b>Certification</b>	CE

Preliminary, subject to technical changes.

Date: 02. March 2018