



e-UVpen

**POLY DISPENSING SYSTEMS**  
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## Product description

The e-UVpen offers a high powered, portable light source capable of consistently curing many light cure products that respond to 365/385/395/405nm UV light.

Due to its' unique LED technology, the UV LED spot curing lamp can provide instant on/off performance and consistent UV light output.

Due to the focused nature of the system's spectral output, IR output is drastically reduced, so heating of assemblies is virtually eliminated. e-UVpen is powered by one rechargeable Li-ion battery with around 2 hours working.

There are six different models optical lens. It is easy on/off operation owe to the design of the switch positioned at the head part of the lamp, widely used for various UV glue curing.

### UV LED Pen Specifications

Lamp type	Cordless UV LED pen
Heat dissipation	Mechanical cooling
Weight	130g (with battery)
Power supply	1x rechargeable Li-ion battery
Running time	Around 2 hours
Light emitter	1 UV LED each UV LED pen
Optional wavelength	365nm / 385mm / 395nm / 405nm
Dimensions	Length: 146mm; Diameter: 25mm

## Optical Lens Specifications

Part No.	UV Light Spot Size	Focus distance	UV Intensity @365nm	UV Intensity @385nm	UV Intensity @395nm	UV Intensity @405nm
CL04	Ø 4mm	5mm	6.9 W/cm <sup>2</sup>	10 W/cm <sup>2</sup>	12 W/cm <sup>2</sup>	14 W/cm <sup>2</sup>
CL06	Ø 6mm	11mm	4 W/cm <sup>2</sup>	5.3 W/cm <sup>2</sup>	6.3 W/cm <sup>2</sup>	7.4 W/cm <sup>2</sup>
CL08	Ø 8mm	16mm	2.7 W/cm <sup>2</sup>	3.4 W/cm <sup>2</sup>	4 W/cm <sup>2</sup>	4.7 W/cm <sup>2</sup>
CL10	Ø 10mm	22mm	1.5 W/cm <sup>2</sup>	2.1 W/cm <sup>2</sup>	2.5 W/cm <sup>2</sup>	2.9 W/cm <sup>2</sup>
CL12	Ø 12mm	26mm	1.2 W/cm <sup>2</sup>	1.7 W/cm <sup>2</sup>	2 W/cm <sup>2</sup>	2.3 W/cm <sup>2</sup>
CL15	Ø 15mm	28mm	0.9 W/cm <sup>2</sup>	1.4 W/cm <sup>2</sup>	1.6 W/cm <sup>2</sup>	1.9 W/cm <sup>2</sup>



## UV Risk



Because of the high UV emissions, the e-UVpen must be used in accordance with special measures, as detailed below.



All people present in the area around the product must wear protective equipment to protect their eyes and skins. Glasses should protect the eyes from light coming directly to the sides. PDS offers glasses. Ask us for advice.



It is important not to look directly at the exit window of the e-UVpen products because there is a risk of becoming blind.

## Poly Dispensing Systems



PDS SAS is a french company that commercializes a wide range of dosage equipments, proven and effective.

Distributed in over 20 countries around the world these equipments provide tailored solutions to many users in order to improve technically their manufacturing and reduce their productions costs.

Our collaborators and sales engineers all have a strong technical competences. They are able to answer your questions and offers you, after analysis, the right solution for your particular needs.

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