

# LED Curing Systems

*High performance LED Curing Cubes, Ovens,  
Linear systems and Conveyors*

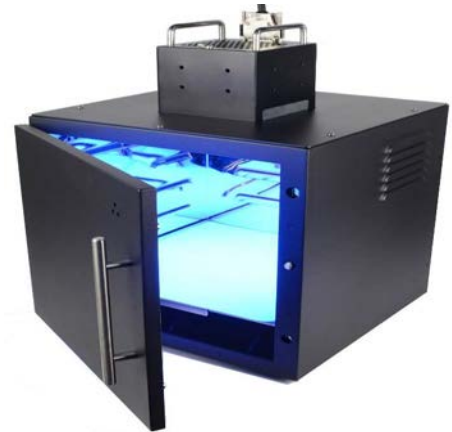


**High performance UV LED Curing Systems**

## UV Curing Ovens

### UV CURING OVEN CHAMBER - LED CURING SYSTEMS

- LED Curing system offering high intensity light curing capabilities.
- Typical cure speeds are between 5-15 seconds.
- Fan cooled for temperature management.
- Instant on/off function – no warming up time.
- Very high intensity outputs.
- Suitable for a wide range of manufacturing applications.
- Superior product life span – 20,000 working hours.
- Safe for use in any production environment – ozone free, mercury free.
- Suitable for use in the Medical Device manufacturing markets.
- Suitable for working with all types of substrates.
- Inter-lock door system.
- LED wavelength options: 365nm, 385nm, 395nm, 405nm.



Check our website for the full range of UV curing ovens. Ovens can be customised.

## LED Curing Cubes

### UV CURING LED CUBES

- Fan cooled for temperature management.
- LED wavelength options: 365nm, 385nm, 395nm, 405nm.
- Typical cure speeds are between 2-10 seconds and features include:
- Instant on/off function – no warming up time.
- Very high intensity outputs.
- Suitable for a wide range of manufacturing applications.
- Superior product life span – 20,000 working hours.
- Safe for use in any production environment – ozone free, mercury free.
- No replacement parts required.
- Suitable for use in the Medical Device manufacturing markets.
- Suitable for working with all types of substrates.



LED curing cubes sizes: 20x20mm, 30x50mm, 60x60mm, 50x100mm, 50x200mm, 50x240mm, 50x350mm, 50x500mm, 100x100mm, 100x150mm, 100x200mm, 100x350mm, 100x400mm, 100x500mm, 100x600mm, 150x150mm, 150x200mm, 200x200mm, 200x300mm, 350x350mm, 400x400mm, 20x80mm, 20x400mm, 30x170mm. Check out our website for full specifications. Cube sizes can be customised.

Product Code: AF-100-100-H1  
Irradiation size: 100 x 100mm  
UV Intensity: 1500mW/cm<sup>2</sup>  
Wavelength: 365/385/395/405nm  
Cooling: Fan

## LED Linear Units

### UV CURING LED LINEAR SYSTEMS

- Typical cure speeds are between 2-10 seconds and features include:
- Fan cooled for temperature management.
- Instant on/off function – no warming up time.
- Very high intensity outputs.
- Suitable for a wide range of manufacturing applications.
- Superior product life span – 20,000 working hours.
- Safe for use in any production environment – ozone free, mercury free.
- No replacement parts required.
- Suitable for use in the Medical Device manufacturing markets.
- Suitable for production lines



LED curing cubes sizes: 10x50mm, 10x100mm, 10x120mm, 10x200mm, 10x300mm, 10x400mm, 10x500mm, 10x1000mm, 10x1350mm, 10x1500mm, 20x1350mm, 20x1500mm. Check out our website for full specifications. Cubes can be customised.

Product Code: AFL-380-30  
Irradiation size: 380 x 30mm  
UV Intensity: 2500mW/cm<sup>2</sup>  
Wavelength: 365/385/395/405nm  
Cooling: Fan

## UV Curing Conveyor Systems

### UV CURING CONVEYOR PRODUCTION LINE

- Conveyor Production Line UV Curing System
- Adjustable speed: m/min:1-10m
- Dimension: Length: 1200mm x Width: 410mm
- Belt material: Teflon / stainless steel mesh belt
- Light source: Can be configured with one or two LED light heads depending on your part size
- Effective width of belt: 350mm (with Product Guide)
- The LED can be specified at a range of intensities from 750-8000mW/cm<sup>2</sup> @10mm
- Wavelength Options: 365nm, 385nm, 395nm, 405nm



#### Customisation

We offer a complete custom design service and conveyor systems can be designed to meet your exact specification requirements.

## UV Curing Light Guide

### UV CURING LIGHT GUIDE

- High intensity LED, light curing spot lamp system. Can be configured for manual or automatic use.
- Easy to use interface with LCD control panel.
- Individually controlled 1-8 LED light heads. Customised options are available where each light head can be configured for exposure time and intensity.
- Compact, lightweight and robust design.
- Timed unit – 0.1 seconds and above. Each LED head can be timed individually if required.
- Key lock function.
- Irradiation accuracy can be achieved to +/- 3%.
- Built in temperature control.
- Multiple mode / pulse options available.
- Quality aluminum-built unit.
- Available in multiple wavelengths including 365nm, 395nm, 405nm.



## UV Curing Flood Lamp

### HAND HELD UV CURING LAMP

- High performance.
- Compact, lightweight, and durable.
- Fan cooled for temperature management.
- Manufactured in accordance with the ultraviolet light emitting products' guidelines.
- Filter glass assembly is easily accessible for UV bulb replacement and cleaning.
- Polished Aluminium reflector for increased efficiency.
- Countdown programmable timer with LCD display.
- Audio alarm for timed exposure.
- Hour counter displaying lamp usage.
- Built in adjustable shields ensuring accurate focus of UV light.
- Removable handle.



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Novachem Corporation Ltd  
U4 Dunboyne Industrial Estate  
Dunboyne  
Co. Meath  
Ireland

Tel: 00353-1-802-6554

Email:  
sales@novachem.ie  
technicalservices@novachem.ie  
info@novachem.ie

www.novachem.ie

Novachem Corporation UK  
86 – 90 Paul Street  
London  
EC2A 4NE  
England

Tel: 0044 (0) 20 8144 2098

Email:  
sales@novachem-uk.co.uk  
technicalservices@novachem-uk.co.uk  
info@novachem-uk.co.uk

www.novachem-uk.co.uk