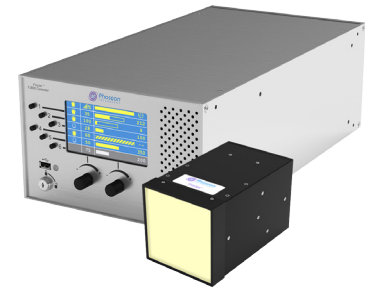


FireJet™ FJ800 Area Curing Solution

Product Brief

Phoseon Technology is the world leader in developing UV LED-based curing systems. Phoseon's patented Semiconductor Light Matrix (SLM)™ technology encapsulates LEDs, arrays, optics and cooling to maximize curing performance. The FJ800 Solution consists of UV light source, controller and cables.



High Performance

Up to 100W UV power over
100mm x 100mm area with
> 90% uniformity

Operational Efficiency

Simple and intuitive
controller supports up
to 6 light sources

Scalable

Place light sources
side-to-side to
cover larger areas

Application Markets



Touch Panel/LCD/
OLED



Mobile Phone
Assembly



Micro Speakers

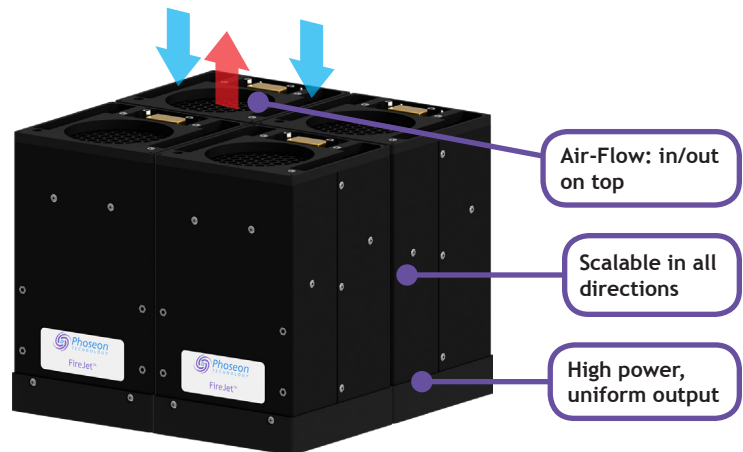


Camera Modules

Light Source

UV Wavelength	365nm	395nm
Peak Irradiance*	0.6 W/cm ²	1 W/cm ²
Total Output Power*	60W	100W
UV Footprint	100mm x 100mm	
Uniformity*	>90%	
Noise Level	<60dBA	

*At the working distance of 10mm to 20mm from substrate to light source glass.



Controller

- Intuitive graphical interface
 - On/off/fault
 - UV Timer: 1 to 600 seconds
 - Intensity Control: 5% to 100%
- Individual control for up to 6 light sources
- 3 Access Levels: Operator, Supervisor & Service
- Fault signal output for line notification
- Manual/automatic external control available

