



**World Class** Printing Systems  
for **Real World Applications**



### ACCURATE AND CONSISTENT PERFORMANCE

The Squid UV LED Curing System from Squid Ink offers accurate and consistent UV curing across a variety of commercial and industrial applications. Whether you need to cure ink on metal, glass, automotive products, plastics, electronics and more, you're sure to find the right solution with Squid Ink's new UV Curing System.

### HIGH CURING QUALITY

Squid UV is capable of curing inks in a 20mm x 80mm area from a single illumination module that can be doubled to cure an area of 40mm x 80mm or 20mm x 160mm with the addition of a second system. The system features an advanced LED module to provide consistent luminance, resulting in a reliably cured product, every time. The stability of UV LED technology makes the output of electricity predictable and stable, avoiding problems associated with conventional halogen heat lamp drying.

### LOW RUNNING COST

UV LED technology provides a stable and efficient way of curing CIJ, Piezo, and Thermal inkjet inks. The integrated super cooling system considerably lowers the unit's operating temperature to extend the life of the machinery while reducing maintenance costs. The use of UV LED curing results in a significant savings in power reduction, and time and money spent replacing lamps becomes obsolete due to the 20,000+ hour illumination runtime. For comparison, Squid UV curing systems use about 75% less energy than typical UV arc lamp curing.

### ENGINEERED DURABILITY

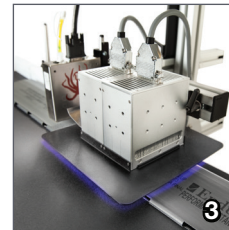
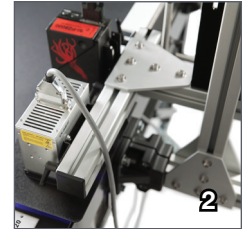
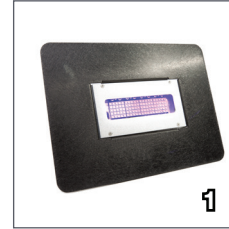
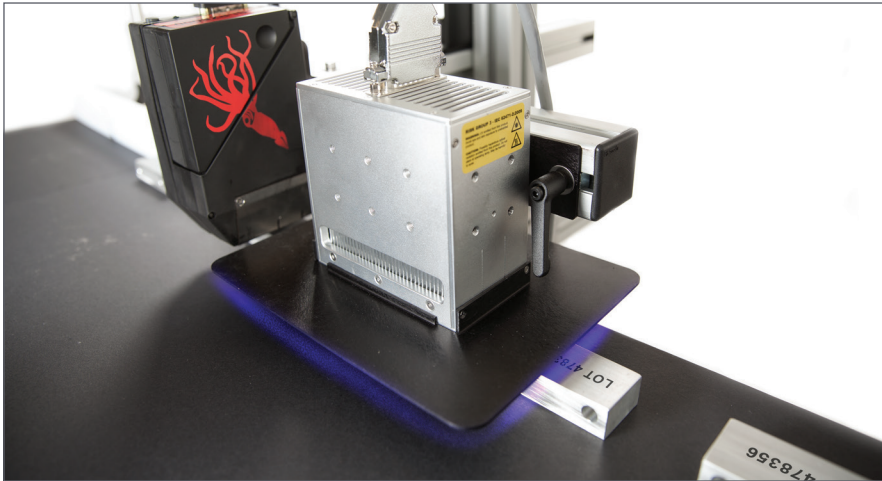
Our UV system is designed to meet the harsh demands of your application. You can be confident that Squid UV's rugged design will withstand the most abusive industrial environments while providing superior quality UV curing. For ease of use and integration, Squid UV mounts directly to your existing manufacturing line and requires no need for preheating. The system is programmed with an easy-to-use color touchscreen and can be programmed to run in manual or automatic mode to match the operation of your manufacturing line. For quick startup, Squid UV's fast response functionality means that the system can be powered on and ready to go at an instant, eliminating downtime and increasing your ROI.

### THE UV ADVANTAGE

As a new addition to Squid Ink's growing family of industrial equipment offerings, Squid UV gives users more solutions for their coding applications. In addition, UV LED curing systems are clean and efficient, improve print quality due to immediate dry time, help to increase production rates, and require little space on production lines. Any way you look at it, Squid UV curing systems provide significant benefits to your manufacturing process.

### THE RIGHT SOLUTION

Rugged design. Low maintenance operation. Low cost of ownership. Your benefits go on and on. When it comes to your UV curing needs, rely on Squid Ink to provide the right solution for your industrial and commercial applications.



**1)** Squid UV LED offers instant on / instant off curing.

**2)** Standard bracketry allows Squid UV LED to mount directly to your existing manufacturing line.

**3)** Squid UV LED provides reliable curing on coated cartons, plastics, metals, foils, film, rubber, and more.

**4)** Adjustments are easily made with the simple-to-use touchscreen interface.

System Specifications		
Wave Length	395 ± 5nm	
Irradiancy	12W/cm <sup>2</sup>	
Effective Illumination Area	Single head 20mm x 80mm	*Dual head 40mm x 80mm or 20mm x 160mm
Recommended Illumination Height	1.5 - 10mm from substrate	
Production Line Dry Time	Up to 35m/min depending on substrate	
Control Modes	Manual or Automatic	
Controller Dimensions	13" x 9" x 5.2" 33cm x 23cm x 13cm	
Illuminating Head Dimensions	4.7" x 2.6" x 4.7" 12cm x 7cm x 12cm	
Lamp Shield Dimensions	Single head 9" x 6.7" 23cm x 17cm	*Dual head 9" x 9.3" 23cm x 24cm
Illuminant Output Control	10% - 100%	
Power Supply	90 - 220V AC 50/60Hz 500W (single head) 1000W (dual head)	
LED Lifetime	20,000 hours or more	
Working Environment	32°F (0°C) - 95°F (35°C)	
Storage Environment	14°F (-10°C) - 140°F (60°C)	

\*Dual head setup requires 1 controller per illuminating head

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