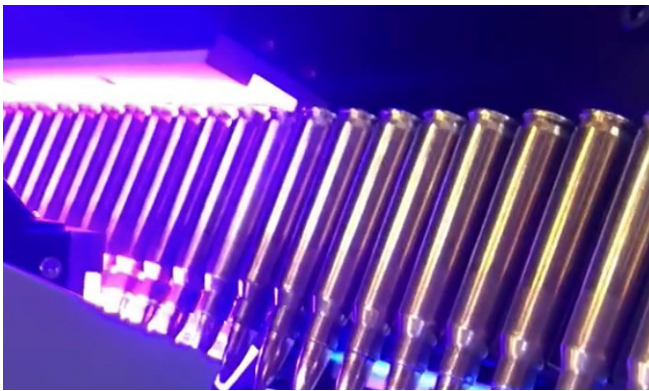


# UV LED Curing Solution for the Ammunitions Market

## *LED Light Sources with Proven Reliability*

Our UV LED curing solutions are the most reliable on the market. Starting from 2002 in Portland Oregon USA, Phoseon Technology foresaw the value of LEDs for Industrial Curing applications. With over 300 patents worldwide, Phoseon has earned the reputation for technological innovation, quality and reliability. As the market leader with the broadest portfolio of UV LED units offerings for our key markets, we welcome the opportunity to work jointly with you in developing further innovative solutions.



## *UV LED Curing Applications:*

- ✦ External Ammunition Sealing, Waterproofing
- ✦ Igniter, fuse and detonator UV Sealing
- ✦ Specialty UV Coatings, Primers
- ✦ Blank Ammunition Seal
- ✦ Shot Shell Crimp Seal
- ✦ Tip Color Coding



Made in the  
U.S.A.

# Innovative Technology

Phoseon pioneered and patented Semiconductor Light Matrix (SLM)<sup>™</sup> technology driving high-power UV LED technology to manufacture environmentally clean, cool operating, and highly efficient ultraviolet curing products.

Our components are strictly engineered into a system that provides maximum UV energy, controlled curing intensity, and superior performance for demanding applications including those using heat-sensitive and thin substrates.

## FireJet<sup>™</sup> FJ100 Light Source



- Scalable to fit multiple sealing systems such as dial, tray and linear track units
- Equipped with air filters to combat heavy industrial work environments.
- Remote interface controls
- Equipped with TargetCure<sup>™</sup> and WhisperCure<sup>™</sup> technologies
- Adjustable intensity, high-speed curing
- Peak Irradiance: 12 W/cm<sup>2</sup>, Adjustable Intensity
- 365, 385, 395, 405nm options
- Air-cooled, internal fans circulate ambient air
- Instant On/Off control/cure
- 20,000+ curing hours

## FireJet<sup>™</sup> FJ801 Light Source



- Small batch sizes, lab setting use, QC/ballistic control testing
- Peak Irradiance: 1.7 W/cm<sup>2</sup>, Adjustable Intensity
- 365, 385, 395, 405nm options
- Air-cooled, internal fans circulate ambient air
- Instant On/Off control/cure
- 20,000+ curing hours

## FireEdge<sup>™</sup> FE410 Light Source



- Inline sealing systems, high-speed sealing
- Focused Curing Lens for improved uniformity at point of cure
- Scalable, Small form factor
- Rod lens to reduce light scatter and focus energy
- Peak Irradiance: 10 W/cm<sup>2</sup>, Adjustable Intensity
- 365, 385, 395, 405nm options
- Air-cooled, internal fans circulate ambient air
- Instant On/Off control/cure
- 20,000+ curing hours



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# Contact Phoseon Today!