

Sintering Solutions for Printed Electronics

The world leader from lab to fab



A sintering system for every need

XENON offers custom solutions to meet customers' specific sintering requirements. Because these systems are air-cooled, they are easy to work with in the lab and production environments.

XENON's Pulsed Light systems offer a major improvement over oven-curing techniques, providing the energy needed to sinter metallic inks without harming heat-sensitive substrates – and at speeds compatible with volume printing processes. Let our engineers work with you to deliver a solution tailored to your needs.



S-1000 Series

Benchtop Sintering Systems

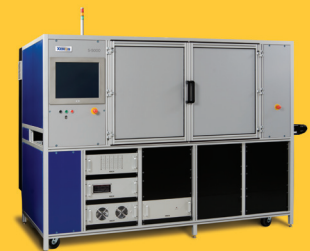
Used in research and development labs worldwide, the S-1000 series is designed and priced specifically for R&D. These table-top systems offer a wide range of adjustable exposure intensities to suit a variety of research requirements.



S-2000 Series

Rack-Mounted Sintering Systems

These rack-mounted, high-energy Pulsed Light systems offer researchers a step up in energy and control, with great flexibility to adjust both the intensity of the flash lamp and the pulse width. The Series includes the S-2300 Dual Pulse system for unprecedented control of high-energy Pulsed Light for the most challenging applications. A touch screen interface makes operation easy.



S-5000 Series

Roll-to-Roll Sintering Systems

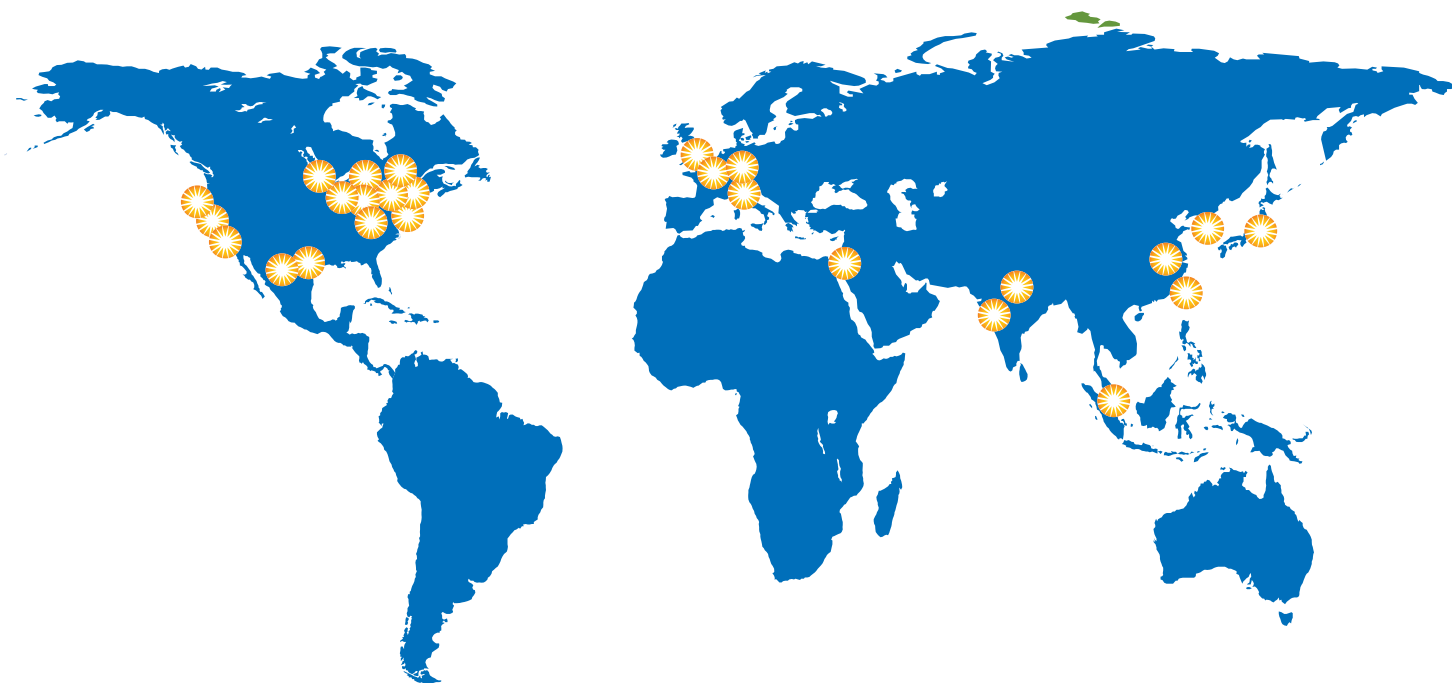
As part of our lab-to-fab approach, XENON offers the S-5000 series for roll-to-roll production applications featuring XENON's intuitive touch-screen control panel. These multi-lamp, Pulsed Light systems are designed for integration into production lines with throughputs of up to 100 feet per minute. The Series includes the S-5100, the world's first wide-web R-to-R sintering system with a coverage area up to 50 inches wide.

From R&D to the production line, XENON has you covered.

XENON is a leading provider of sintering solutions for the rapidly growing printed electronics (PE) industry. Our systems are used around the world for a wide range of sintering applications, from R&D labs to production lines.

As the experts in Pulsed Light, we design and manufacture our own lamps and electronics, so we can work with you for customized sintering solutions. Our systems have been proven with a multitude of inks from different manufacturers for a range of substrates and printing processes. This flexibility in our tools allows for a better match of the technology with the process or application.

Whether you're just starting your PE product development, or are ready to move into production, XENON has the sintering solution for you.



Driving development with the PE Test Center Network

Developing new PE applications requires advanced technology in Pulsed Light, inks, and delivery systems. To help lower the barrier to development, XENON founded the PE Test Center Network in 2013, where product developers and researchers can access the latest systems and experts for a nominal fee.

Now consisting of more than 25 distributors, systems integrators and university labs, the PE Test Center Network is available to product developers worldwide to help create the next generation of PE applications.

For a list of the latest members or to learn about the network, visit <http://www.xenoncorp.com/test-center-network/>

XENON: The Pulsed Light Experts

XENON Corporation is the global leader in Pulsed Light technology, with more than 50 years of experience and 3,000+ systems deployed on industrial production lines worldwide.

Unlike other companies, we design and manufacture all the key components of our systems, including the critical lamps that deliver the energy to the target. That's why we are the Pulsed Light experts and able to create breakthroughs such as the first large-area PE sintering system.



Our expertise is not in the technology alone, but also in how to apply it to real world applications. XENON has been instrumental in moving entire industries from the research lab to the production line. We work with engineers from around the world to discover and perfect new and emerging applications of Pulsed Light. At XENON, we're taking PE sintering from concept to reality.

To learn more visit www.xenoncorp.com.



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