

## **NovaCentrix Releases New PulseForge® Invent™, Starting at \$59k**

**Nov 29, 2017: Austin, TX:** NovaCentrix is pleased to announce the release of the newest member of the PulseForge® photonic curing tool family: the PulseForge® Invent™. This state-of-the-art photonic curing system is highly configurable for academic budgets and advanced R&D, for development in applications such as sensors, displays, circuits, and photovoltaics. The new Invent™ is available at a base price of \$59,000, and is available now for ordering.

“Our goal with the Invent was to implement the industry-leading capabilities of the PulseForge toolset in a more compact, lower-priced configuration, making the technology accessible to more customers,” said NovaCentrix Chief Marketing Officer Stan Farnsworth. “The feedback we received at the public debut of the new tool at the recent Printed Electronics USA event in Santa Clara was very strong.” The new Invent™ includes the features that have become the hallmark of all PulseForge® tools, including the advanced user interface and the inclusion of SimPulse™ thermal modeling software, as well as an automated sample stage.

Like all PulseForge® tools, the user-defined digital settings on the PulseForge® Invent™ are directly convertible to settings on the PulseForge® Industrial tools in seconds. Additionally, the PulseForge® Invent™ baseline configurations can be expanded and upgraded at the user facility to include the highest power settings of any PulseForge® tool.

Process capabilities of the base PulseForge® Invent™ configuration include:

- Sintering of conductive silver and copper inks on PET, polyimide, paper, or textiles
- Drying of functional and graphic inks
- Reduction of graphene oxide and copper oxide
- Soldering of standard RoHS lead-free solder paste on low-temperature polymers
- Crystallization of perovskite or OPV materials
- Sintering of CIGS and CdTe nanocrystal depositions
- Drying and sintering of plastic coatings

Farnsworth summarized, “Printed and flexible hybrid electronics development continues to move quickly in markets such as wearables, packaging, and automotive. At NovaCentrix we work with customers who have a wide range of processing requirements. Accordingly, the PulseForge® Invent™ is our most versatile photonic curing platform yet.”

### **About NovaCentrix**

NovaCentrix, based in Austin, Texas, is a leader in printed electronics manufacturing technologies. The state-of-the-art PulseForge® photonic curing tools dry, sinter, and anneal functional inks in milliseconds on low-temperature, flexible substrates such as paper and plastic. The tools process a wide array of metal-based conductive inks, as well as non-metallic and semiconductor inks, and are available with the integrated material and tool simulation package SimPulse™. NovaCentrix also offers high-performance, economical Metalon® conductive inks, including the innovative and award-winning ICI copper-oxide reduction inks which work optimally with PulseForge tools. NovaCentrix also offers printing services with our in-house inkjet, screen, and flexographic presses. To learn more, please visit [www.novacentrix.com](http://www.novacentrix.com).

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