



FOR IMMEDIATE RELEASE

Contact: Johanna Brito
1-781-266-5785
johanna.brito@novanta.com

Next Generation ASC Laser Controller Solution Is Now Available

Controls Scan Heads, Lasers, Sensors, Actuators and Other Peripherals

Wackersdorf, Germany (September 22, 2021) – ARGES, a product brand of Novanta Corporation (“Novanta”), announces the addition of its new laser controller, ASC Generation 4 to its ASC series portfolio. This new controller features powerful performance thanks to updated electronics, changeable multi-functional interface boards for added flexibility, and open platform with embedded Linux OS. This controller solution is compatible with all ARGES scan heads, lasers, and sub-systems.

Packed with enhanced features and performance, this next generation controller works seamlessly with our proprietary software, InScript for a complete laser control solution. “Our cross-collaborative team has worked tirelessly to develop a controller platform that enables a new level of performance for the most demanding, high-speed laser processing applications. With this release we are integrating new functionality that allows our customers to seamlessly control their laser processes with real-time feedback from our Optical Coherence Tomography technology. This enables entirely new laser processing capabilities, where 3D topography of the work surface can be mapped in-situ for quality control or to control the laser scanning process itself.” says Jens Hupkau, VP Engineering, Cambridge Technology product brand.

This release features:

- Powerful Quadcore 64bit-CPU with 215k logic cell FPGA, enabling high-power performance
- Timestamp based infrastructure for precise scanner and laser real-time control
- High Throughput: Timestamp based data processing at 200K sample rate
- High accuracy enabling Micromachining jobs
- Easy combination/alignment of several signal streams with TSS technology
- Modular SW-architecture enables a quick extension of the scope of functionality
- Short response time of the system (<10 ms) via C API enables quick process handling

Enhance your laser processing performance and learn how our new controller can help achieve results for your target application. For more information about ASC controller series, visit www.arges.de.

About Novanta

Novanta is a trusted technology partner to original equipment manufacturers in the medical and advanced industrial technology markets, with deep proprietary expertise in photonics, vision and precision motion technologies. Through our globally recognized Novanta brands in advanced photonics, ARGES, Cambridge Technology, Laser Quantum and Synrad, we deliver tailored laser and beam delivery solutions to OEMs in a broad range of industrial and medical markets. For more information, visit www.novanta.com.

#