



Jenoptik and RAYLASE Offer Ultra-Short Pulse Laser Application Solutions in China

Successful installation of Jenoptik's latest ultra-short pulse laser at the laser application laboratory of the new site of RAYLASE Laser Technology (Shenzhen) Co., Ltd. opens up new opportunities in the joint development of application solutions for customers in China.

By combining their expertise and many years of experience in the laser industry, RAYLASE and Jenoptik have reached an important milestone in the field of laser material processing in China. The Jenoptik subsidiary in China, JENOPTIK (Shanghai) Precision Instrument and Equipment Co., Ltd has installed its latest laser technology for industrial micromachining, JenLas® *femto 16*, at the new laser application laboratory of RAYLASE Laser Technology (Shenzhen) Co., Ltd in Shenzhen, one of the important players in the laser component business, offering galvoscaner-based laser beam deflection systems.

This step provides the two technology companies with new opportunities for future joint activities in the Chinese laser market, which is one of the most dynamic and attractive markets for industrial laser material processing. It also allows customers to benefit from an extended performance range and the ability to offer more complex solutions in the future, consisting of laser sources, optical components, beam analysis, and process control.

"The bundling of our business strength and technology know-how forms an ideal basis to provide comprehensive solutions to our customers, to respond even better to the needs of the market, and enables us to realize customer-specific laser application solutions," explains Dennis He, Senior Sales Manager for Jenoptik's laser business in China. These solutions are mainly used in industrial production from the medical device and automotive industry through electronic components to precision mechanics and the watch industry. "With the equipment in the application laboratory, we are able to offer customers the opportunity to directly experience our comprehensive laser competence portfolio in use. That will help us to meet their demands as best as possible," adds Dennis He.



Page:

2 of 3

Date:

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Expertise in Laser Micromachining

As one of the leading suppliers for industrial lasers worldwide, Jenoptik has been offering efficient and high quality solutions for micromachining applications ranging from laser sources through optics and microoptics to optoelectronics for several decades.

The performance of Jenoptik's ultra-short pulse lasers is ideal for high-precision cutting, drilling, marking and structuring. This ensures, for example, the accurate drilling of microtubes or filigreed biodegradable stents for the medical device industry. Beside the exact micro drilling of particle filters or injection nozzles, which are used in the automotive sector, Jenoptik tools also enable fine cut-outs of mechanical components for the watch industry or precise cutting of electronic components such as micro clamps for electrical contacts.

More information can be found on the website: www.jenoptik.com/products/lasers

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About Jenoptik

As an integrated photonics group, Jenoptik divides its activities into five divisions: Optical Systems, Healthcare & Industry, Automotive, Traffic Solutions and Defense & Civil Systems.

In the Healthcare & Industry division Jenoptik develops specific system and application solutions for customers worldwide in the healthcare sector and industry. The focus is on medical technology and life science as well as laser, automotive and lighting applications. The product portfolio includes semiconductor chips, optoelectronics, laser technology, polymer optics, electronics and software. Jenoptik combines them to OEM system solutions and products for the life science industry, such as analysis and treatment systems for research, clinical applications, and patient self-diagnosis. For industrial applications, Jenoptik offers high-performance optoelectronic components and modules as well as integrated solutions. They include complex components for head-up displays, innovative lenses for driver assistance systems and polymer optics for machine vision or augmented reality applications, the division also produces powerful, energy-efficient industrial LED lighting. In the area of industrial lasers for laser material processing, Jenoptik is active in the entire laser value creation chain.



Page: 3 of 3
Date: August 24, 2016

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About RAYLASE

RAYLASE is a global market leader that develops and manufactures galvanometer-scanner based components and submodules for laser beam deflection, modulation and control. Since its foundation in April 1999, RAYLASE has been known in the market for innovative, high performance quality scan solutions. RAYLASE has a global footprint with a subsidiary in Shenzhen, China. Certified repair centers traverse the globe with current locations in Brazil and Russia amongst others. International sales are handled by a worldwide network offering global know-how and local experience. ISO 9001 certified RAYLASE offers customized solutions for the increasing requirements of laser technology in many industries such as automotive, electronics, packaging, textiles, security and solar. RAYLASE offers complete solutions comprising of control electronics, software and deflection units. The RAYLASE product portfolio is augmented by customized solutions and submodules, meeting specific customer demands.

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