

Press Release



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Jenoptik's integrated opto-electronic systems capabilities on display at Vision 2011 in Stuttgart.

By integrating existing core development, manufacturing and integration competencies in the areas of optical and polymer optical systems with digital image processing, Jenoptik's Optoelectronic Systems business unit now offers customized system solutions and complete devices. At Vision 2011, the group will present examples of customized solutions and its technical competencies.

The Optoelectronic Systems business unit of Jenoptik's Optical Systems division has emerged from the integration of JENOPTIK Polymer Systems GmbH and the Digital Imaging business unit. The result is bring together the capabilities and expertise which both groups have developed in the fields of design and manufacturing of optical, polymer optical and opto-electronic components and modules with the capabilities for the development and integration of hardware and software for digital imaging solutions.

As a one-stop-shop, the business unit is now offering all value-creation stages up to complete customer-specific system solutions of optoelectronics and digital imaging equipment. This also includes the management of related services including supply chain, sourcing of components, and field service on the international market. By leveraging both the know-how of the Optical Systems Division and Jenoptik's broad network of suppliers and service providers, we are able to greatly reduce interfaces required and costs associated with these additional interfaces for customers.

In order to fulfil customer requirements for the design and manufacturing of challenging systems for various end markets even better and faster, the business unit is strongly investing into strengthening their application consulting capabilities and opening up new international markets.





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At this year's Vision, Optoelectronic Systems is presenting opto-electronic components and systems for applications in Health Care & Life Science, Machine Vision & Sensor Systems and Digital Imaging.

Visit us at booth D31 in hall 6 on trade fair Vision in Stuttgart from November 8th to 10th, 2011.

Our trade fair team is looking forward to welcome you.

Polymer optical components and systems for minimal invasive medicine

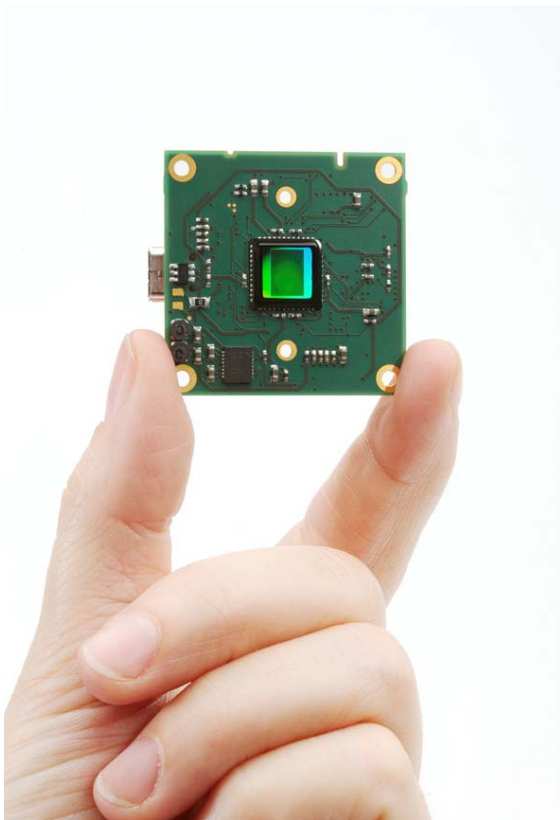
The range of [Health Care & Life Science](#) products which will be on display includes polymer-based modules and systems intended for minimal invasive methods in diagnostics and therapy in order to facilitate procedures that reduce the level of stress to patients and are more cost-efficient at the same time. Polymer-based single and system components are successfully employed in endoscopy. They include, among other options, illumination optics and lighting modules, as well as camera modules, combined modules and disposables. The expertise and skills which are required to create such products in terms of LED technology, optics, IC packaging and assembly are fully integrated in our established manufacturing process.



Picture
[System component for endoscopy](#)

Digital Imaging products for highest demands

In the field of [Digital Imaging](#), Jenoptik offers such high-quality image processing products as digital CCD and CMOS microscope cameras, imaging modules and complete machine vision systems and digital imaging solutions. Jenoptik's cameras and camera modules are available in standard version and custom-modified version to serve a broadly diversified range of applications covering anything from industrial video capturing to scientific image acquisition in life science, medical instrumentation and material science. This year's Vision will feature extremely compact CCD and CMOS 5 mega pixel USB imaging modules that can be used, for example, in microscopy and industrial machine vision. The camera modules are available in cost-efficient standard product version for OEM applications and as single solutions fully adapted to customer specifications for system integration. They can be provided in almost any desired lot quantity.



Picture

[5 Megapixel USB Imaging Module](#)



About Jenoptik Optical Systems division

The Optoelectronic Systems business unit is a provider of integrated opto-electronic system solutions. It belongs to the Optical Systems Division of Jenoptik. The business unit is proficient in the development of optics, electronics and software. It uses its own time-proven manufacturing technologies to produce polymer-based optical and electronic components and modules and to assemble complete products. All value-adding steps of essence to system integration processes – from the development and design to prototype manufacturing and including supply chain management and commercial lot production – can be handled by Optoelectronic Systems.

With its [Optical Systems division](#), the Jenoptik Group is one of the few manufacturers in the world to produce precision optics and systems designed to meet the highest quality standards. Besides offering systems, modules and assemblies, the Optical Systems division is a development and production partner for optical, microoptical and coated optical components - made of optical glasses, IR materials as well as polymers. It possesses outstanding expertise in the development and manufacture of optics and microoptics for beam shaping used in the semiconductor industry and laser material processing.

The product portfolio also includes systems and components for life sciences as well as lighting applications, modules and system solutions for digital image capture and processing as well as cameras for digital microscopy.

Contact

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