



Press Release BiOS 2011

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Jenoptik delivers complete system solutions to the Biophotonics Industry by leveraging unique technological capabilities

Pairing manufacturing and design capabilities in microoptics and optics as well as digital imaging and opto-electronic systems, Jenoptik Optical Systems division is taking advantage of the unique breadth of its worldwide capabilities to deliver innovative optical solutions for the Life Science industry.

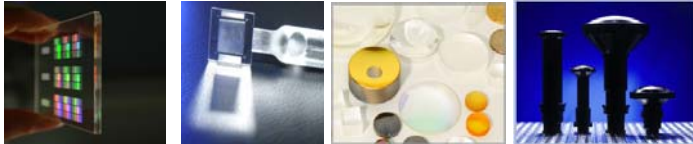
As the Healthcare & Life Sciences Industry continues to grow with emerging technologies, companies are looking for a partner to design, develop, manufacture and integrate components into total solutions rather than piecemeal projects. The product portfolio includes design and manufacture of diffractive and refractive microoptics, optical components, optical lens assemblies, and moulded polymer optics. The technology portfolio enables solutions for a wide range of applications across the spectrum from EUV to LWIR. Whether our customers are in need of prototypes or high volume production, our manufacturing processes have the flexibility and the capacity to fit the needs of the industry.

Jenoptik has demonstrated the ability to provide more than stand alone microoptic components. By leveraging the complete know how within Jenoptik, it is now possible to provide complex microoptic modules. As a result, it is easier to interface the microoptic component to the rest of the optical systems. These optical solutions have been used successfully in imaging applications as well as complex illumination and via drilling devices. It is now possible to source these complete optical system solutions from one supplier.





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Images (f. l. t. r.): beamsplitter, micro lens array, laser optical components, fish-eye lenses

Visit us at BiOS, South Hall, booth # 8524 to gain an insight into our innovative biophotonics solutions.

About Jenoptik Optical Systems division

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 opto-mechanical and opto-electronical 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.

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