



Press Release.

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## **Jenoptik-Group further expands its microoptics business area.**

### **JENOPTIK Laser, Optik, Systeme GmbH acquires 100 percent of U.S. microoptic company MEMS Optical, Inc.**

The Jenoptik Group is further expanding its microoptics business area within the Photonics business division. The acquisition of 100 percent of the stock of US firm MEMS Optical, Inc. will enable JENOPTIK Laser, Optik, Systeme GmbH to broaden its technical expertise in the development and manufacturing of microoptic components and microstructures. Subject to receipt of final regulatory approval, the closing is expected to be completed during the first quarter 2006.

MEMS Optical, Inc. specializes in the integrated development, fabrication, and distribution of high quality microoptic components. MEMS Optical uses Grayscale lithography (a patented process), which enables the manufacturing of any shape in miniaturized form with maximum precision. In addition, MEMS Optical is one of the few companies in the microoptics market to integrate design and manufacture within its own fabrication plant.

The acquisition will give Jenoptik Laser, Optik, Systeme a partner of strategic importance in the field of microoptics with international distribution channels in the USA and Japan. The products and technologies of MEMS Optical will provide an optimum fit for Jenoptik's own technologies. Jenoptik Laser, Optik, Systeme is already a developer and large scale manufacturer of binary optics such as sensor modules, digital filters, diffractive optical elements for beam shaping and beam splitting (DOE's), as well as special gratings. In conjunction with MEMS Optical the Jenoptik subsidiary is now in a position to develop and manufacture even more complex microoptical components and systems that combine refractive and diffractive microoptics (refracting and bending the light waves respectively).

In return, in Jenoptik Laser, Optik, Systeme, MEMS Optical will be getting a partner which has a reputation in and access to the European markets. Moreover, Jenoptik Laser, Optik, Systeme will support MEMS Optical with development and fabrication know-how of Binary Optics of its Microoptics business unit. Combining the best of both

companies' technologies will further strengthen the position of Jenoptik as a leading supplier of microoptic solutions.

### **Continuation of the process of internationalization.**

Jenoptik Group will continue to push ahead with its internationalization program and strategic partnerships for the further growth of its Photonics business division. Jenoptik Laser, Optik, Systeme aims to open up the most important market in the world, the US market, not only through organic growth, but on a step by step basis through partnerships, investments and acquisitions of companies which are already established in the US market. In 1999 the Jena-based optics and lasers specialist acquired the US firm Liebmann Optical Company, Inc. in Easthampton, MA. This was followed in 2002 by the acquisition of Coastal Optical Systems, Inc. in West Palm Beach, FL. The takeover of MEMS Optical, Inc. is a further building block in the realization of this growth strategy.

### **Company profile MEMS Optical, Inc. ([www.memsoptical.com](http://www.memsoptical.com))**

MEMS Optical, Inc., founded in 1997 and located in Huntsville, Alabama, USA, is a leading supplier and manufacturer of high performance refractive and diffractive microoptics and MEMS devices. The company, currently with 27 employees, continues to develop and improve microoptics applications through the use of Grayscale technology and other proprietary processes, for which it holds a broad portfolio of issued and pending patents. The extensive materials experience of MEMS Optical allow for broad spectral range of solutions in diverse markets such as fiber optic communications, military and aerospace, industrial and semiconductor equipment, optical data storage and playback, medical devices and consumer electronics.

### **Company profile**

### **JENOPTIK Laser, Optik, Systeme GmbH. ([www.jenoptik-los.com](http://www.jenoptik-los.com))**

JENOPTIK Laser, Optik Systeme GmbH was founded in 1995 and is a wholly owned subsidiary of the JENOPTIK AG technology group of Jena, Germany (ISIN: DE0006229107). In the fields of Laser Technology, Optics, Microoptics and Sensor Systems, the company develops, produces and distributes laser sources, optical components, modules and system solutions as well as the technologies used in the



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precise measurement, imaging, structuring and analysis of a variety of materials. The company's success is anchored by the use of the latest in technology and its custom-designed applications.

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