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LPKF to Demo Laser Direct Imaging (LDI) System

Tualatin, Ore., September 2014 — At the [MicroTAS](#) exhibit in San Antonio this October, [LPKF](#) will be showcasing the newest edition of the ProtoLaser family: the LPKF ProtoLaser LDI. The ProtoLaser LDI is a universal, high-resolution, table top laser direct imaging (LDI) system for prototyping on resist-covered substrates. With a software-selectable 1 or 3 μm laser beam spot, and a working area of nearly 4 x 4 inches, the system is optimized for creating the ultrafine features required by the microfluidic and MEMS industry. The compact software combines functionality with powerful, yet user-friendly software.

The UV based laser system activates UV resist-covered substrates – directly from CAD. The LPKF ProtoLaser LDI eliminates the need for alignment equipment and expensive exposure masks with long lead-times. The process can be utilized on a wide variety of substrates without any special environmental conditions. The substrate is inserted using either a standard or custom cartridge for easy change-over from job to job.

LPKF will be located at booth 12 at the MicroTAS exhibit in San Antonio, TX, October 26th through 30th. Stop by to see a live demo of the ProtoLaser LDI and gather further information about the many other LPKF systems.



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About LPKF

Established in 1976, LPKF Laser & Electronics manufactures milling machines and laser systems used in circuit board and microelectronics fabrication, medical technology, the automotive sector, and the production of solar cells. LPKF's worldwide headquarters is located in Hannover, Germany and its North American headquarters resides near Portland, Ore.