

3D Laser Structuring in Hall 17

LPKF's Live Presentation at Hannover Messe

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LPKF Laser & Electronics has a home advantage at the Hannover Messe trade fair: The laser specialists' headquarters are in Garbsen, only about 20 km away from the world's largest trade show grounds. The topic is right up their alley, too. In 2010 LPKF won the Hermes Award here, and this year, too, the company will present its latest innovations from the world of laser-based micro materials machining in Hall 17, Stand D45. This year's core exhibits will be systems and processes for Laser direct structuring (LDS). For this, a part made of a doped plastic is manufactured. The laser then applies the conductor structures. In the final step, metal layers are formed on the laser-treated regions. LDS parts simplify assembly and lower the weight and size of electronic products. They can be found, for example, in over half of all smartphones today. At the trade fair stand, an LPKF Fusion3D 1100 laser structurer will demonstrate the process to the public, along with the LPKF ProtoPaint LDS in a spraycan, which gives an LDS surface coating on conventional parts, and the LPKF ProtoPlate LDS for instant metallization. Together they enable in-house LDS prototyping.

LPKF has traditionally offered visitors the chance to talk directly with HR personnel at the Hannover Messe. Over the last few years, LPKF has been able to recruit new people from technical fields, sales employees, and software specialists this way. This is an easy way to make contacts that can then be followed up after the trade fair if desired.

The production service provider LaserMicronics will also present at the LPKF stand. LaserMicronics uses LPKF laser systems for process evaluation and optimization and also assumes the materials micromachining of complex component assemblies.



One-stop LDS prototyping: With a special LDS paint out of a spraycan, the LPKF ProtoLaser 3D, and a simple metallization step, LDS prototypes can be made in a snap.

About LPKF

LPKF Laser & Electronics AG manufactures machines and laser systems used in electronics fabrication, medical technology, the automotive sector, and the production of solar cells. Around 20 percent of the workforce is engaged in research and development.