

## Press Release

### **LASAG presents its new 10 watt fine-cutting laser**

LASAG, a worldwide leading manufacturer of industrial solid-state lasers for micromachining, will be presenting its **KLS 246 MC20** pulsed solid-state laser at the LASER 2007 in Munich, Germany. This new product, which amounts to a world-premiere, complements the KLS 246 series, which has proven to be extremely successful and well-tested in industrial settings.

The lamp-pumped beam source KLS 246 MC20 has been developed specifically for precision cutting of challenging fine sheets and thin-walled tubules. In the field of medical device technology, this involves biocompatible materials such as high-grade steels, nitinol or titanium. In the field of electronics such high-reflective materials as gold, silver and copper play a significant role.

The new laser has been optimized for thicknesses under 0.5 mm and can create kerf widths smaller than 10 micrometers. Thanks to an optimized pulse form, problem-free „piercing on the fly“, i.e. pinholing with a single laser pulse is possible. This results in a significant shortening of the production time.

In addition to the target-oriented functionality, we have paid particular attention to the industrial design and significantly lower investment and operational costs. With the KLS 246 MC20 comes a very compact and cost-efficient device. As an industrial single-purpose laser with a guaranteed lamp-life of at least 5'000 hours, it provides a significantly longer servicing interval. In addition, it offers flexibility in terms of possible applications and optional accessories, elements that are greatly appreciated in the laser sources of the KLS 246 series.

All in all, with the KLS 246 MC20, LASAG offers a fine cutting laser in line with market requirements as well as very attractive Total Costs of Ownership.

Please contact Dr. Dietmar Wagner, Managing Director, for further information.

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