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Press Release

LASAG presents its new line of diode-pumped products

LASAG, a worldwide leading manufacturer of industrial solid-state lasers for micromachining, will be presenting the new **diode-pumped solid-state laser series DQS 200** for micro-drilling and ablation of metals and ceramics materials at LASER 2007 in Munich, Germany.

With the 40-watt model **DQS 200 MD5** we offer a nanosecond short-pulse laser that has been developed specifically for the micro drilling strategies known as helical drilling, percussion drilling and ablation.

For high productivity, it is possible with the new laser system together with an appropriate drilling optic to drill high-quality holes in a diameter range of 0.02 to 0.40 mm and hole depths of more than 1.0 mm with tolerances of a few micrometers.

The high reproducibility and quality of the drilling hole is guaranteed by a stabile, closed resonator including precise connection of the external drilling optic as well as high pulse-to-pulse stability of under $\pm 1\%$.

An additional new laser control of the DQS 200 that was consistently developed for the demands of the above-mentioned drilling strategies offers excellent integration in production plants and a high level of user-friendliness. The laser supply and laser control are integrated in a compact supply chassis, which can additionally accept application-specific plug-ins such as power supply and control of a helical drilling optic.

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

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