IPG Photonics Introduces the World's First Commercial Three Kilowatt Single Mode Fiber Laser

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Highest Commercial Single Mode Laser Available at One Micron

MUNICH, Germany, Jun 19, 2007 (BUSINESS WIRE) -- IPG Laser GmbH, a subsidiary of IPG Photonics Corporation (NASDAQ: IPGP), today announced that it released the world's first commercial three kilowatt continuous wave Ytterbium single mode fiber laser. IPG's multi-kilowatt single mode fiber laser family, with the highest power commercially available, is designed for deep penetration welding, remote welding and cutting, percussion drilling and fuel cell welding.

The new fiber laser represents the first low-cost alternative in deep penetration welding to expensive e-beam technology. Also in contrast to e-beam welding, the new higher power single mode fiber laser does not require operation in vacuum conditions. In addition, it is well-suited for fuel cell welding and directed energy programs because of its excellent beam quality at kilowatt power levels. IPG's new laser also is ideal for a wide range of industrial tasks, including thick plate cutting and welding and percussion drilling, as well as for use on high-strength metals used in the auto industry.

"IPG was the first to develop and introduce an ultra-high power single mode laser family, with our 100 watt to one kilowatt units and more recently our two kilowatt single mode lasers," said IPG Photonics Chief Executive Officer Dr. Valentin P. Gapontsev. "Customers using these IPG lasers have achieved outstanding results in laser cutting and welding. Now, customers can apply the advantages of the single mode beam quality of our highly efficient and reliable fiber lasers to applications requiring higher power."

"IPG is accepting orders for three kilowatt single mode lasers in Germany now," continued Gapontsev. "We are working to expand our single mode commercial product line to a five kilowatt unit early next year."

IPG's single mode fiber lasers will be on display at Area B3, Booth 439 during the Laser 2007 exhibition in Munich, Germany, June 18-21, 2007.

About IPG Photonics Corporation

IPG Photonics is a leading global manufacturer of high-performance fiber lasers and amplifiers for diverse applications in numerous markets, such as materials processing, communications, medical, and scientific and research. Founded in 1990, IPG Photonics pioneered the development and commercialization of optical fiber-based lasers, a new generation of optical sources that combine the advantages of semiconductor diodes with the high amplification and precise beam qualities of specialty optical fibers. Fiber lasers deliver superior performance, reliability and usability at a lower total cost of ownership compared with conventional lasers, allowing end-users to increase productivity and lower operating costs. Headquartered in Oxford, Massachusetts, IPG has additional plants in Germany, Russia, Italy, and India, and regional sales offices in Michigan, Japan, South Korea, China and the United Kingdom. For more information on IPG Photonics, please visit www.ipgphotonics.com.

Forward-Looking Statements

This press release contains forward-looking statements within the meaning of Section 27A of the Securities Act of 1933 and Section 21E of the Securities Exchange Act of 1934. These forward-looking statements represent IPG's current expectations and beliefs. The forward-looking statements, which include those relating to the Company's new products and its development and introduction of higher power single mode fiber lasers, are subject to certain risks and uncertainties that could cause the actual results, performance or achievements to be materially different from those expressed, expected or implied by the forward-looking statements. These risks and uncertainties are described in IPG's filings with the Securities and Exchange Commission. IPG does not undertake to update forward-looking information contained herein or elsewhere to reflect actual results, changes in assumptions or changes in other factors affecting such forward-looking information. You should not rely upon forward-looking statements as predictions of future events. IPG cannot assure you that the events and circumstances reflected in the forward-looking statements will be achieved or occur, nor does the Company undertake any obligation to update any forward-looking statements for any reason after the date of this press release.

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