

Process Photonics

FOR IMMEDIATE RELEASE

Process Photonics Launches Next-Generation Laser Machining System

FP1000 ships to global electronics manufacturers

Ottawa, Canada, February 5 2007 – Process Photonics (PPI), today announced that it has launched a new generation of laser machining systems for high performance, high volume manufacturing environments. PPI has shipped its first orders of the FP1000 to a major European automotive electronics manufacturer. Other models in the FP Series of laser-based manufacturing tools are also available now.

With today's consumer demands requiring higher density circuitry in many electronic devices including cell phones, PDAs and portable computers, manufacturers are no longer relying on mechanical processes for their PCB (printed circuit board) designs. They are increasingly looking for fixtureless, laser-based, material processing systems to maximize board functionality and reduce manufacturing costs. As an example, the global market for mobile phone sales is forecast to reach over 900 million units per year by 2008, and the majority of these circuits will require laser-drilled microvias.

"With an average of over 14 years of manufacturing industry experience, the PPI team is uniquely suited to deliver electronics manufacturers the laser processing technology that fits their specific needs," said **Don Gibbs, CEO of Process Photonics**. "Our customers tell us that our mix of hardware and software expertise, our technical after-sales support, and our unique applications experience make us a strategic partner unlike any other they have found in the market."

Ultimate Processing Workstation

The FP Series of products are the ultimate laser tools for the electronics industry, capable of high speed processing of rigid board and flex materials, as well as green ceramic tape. Programmable processes include via drilling, skiving, cutting, and routing.

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FP1000 features include:

- APS™ (Active Pulse Shaping) for superior process quality,
- High-performance motion and laser beam control for rapid, accurate panel processing,
- Windows® operator interface, fully automated self calibration and part alignment,
- Optional automated material handling,
- Fast job programming and changeover for prototype work.

Integrated, Configurable Design

The entire FP Series of products is designed to interface with the customers' manufacturing floor, industry standard file formats, and data logging requirements. Sophisticated software allows the machine to be easily adaptable to small-lot, high-mix, and high volume production requirements.

"Customers need maximum productivity on the manufacturing floor," said **Bill Young, Director of Sales and Marketing for PPI**. "We provide more than that with a high-performance, high-reliability manufacturing tool, and years of process knowledge."

For a full feature set and documentation of the FP1000, FP2000 and FP3000, please visit: <http://www.processphotonics.com/Products/index.htm>.

About Process Photonics Inc.

Process Photonics was founded in 2002 by former Lumonics engineers, designers and scientists with experience in advanced laser systems design, manufacture and support. PPI is an innovative supplier of standard and custom, laser-based, material processing, test and inspection systems for the PCB, Electronics Assembly, Semiconductor and Medical Device Industries. The company is uniquely positioned to address these markets with expertise in lasers, optics, motion and vision systems, part handling and integration of OEM equipment into robust stand-alone machines. Customers also benefit from Process Photonics' extensive experience in light and material interactions in the development of custom manufacturing solutions.

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