

Process Photonics

FOR IMMEDIATE RELEASE

Process Photonics Announces Launch of MC1000 Motion Control System.

Ottawa, Canada – Process Photonics Inc. an innovative manufacturer of custom laser processing workstations, has completed the shipment and installation of a multiple unit order for the MC1000 OEM Motion Control System. The ease of customisation and flexibility of the design allowed PPI to go from design to delivery of the automated control system in only four weeks. This product (based upon its popular line of wafer processing stations, the WP1000) combines material/tool motion control, graphical user interface, 48 digital inputs and 48 digital outputs and industrial standards compliant safety features into an easily integrated package for OEM applications.

The MC1000 can be interfaced to a variety of motor drive systems; stepper, DC brushed and brushless as required for the customer's application. Integrated safety systems including light curtain, safety mats, access panel interlocks or optical beam shutters are all available options and compliant with local and national safety codes. A typical system comprises a power distribution enclosure, industrial computer control, operator interface, and customer specified motion and sensor subsystems. The customer benefits from rapid introduction to manufacturing, an industrially proven interface, full documentation, warranty and after-sales support.

Typical customers of the MC1000 are manufacturing engineering or operations groups looking to automate existing manufacturing processes. The advantages of the Process Photonics approach are the price/performance point and the adaptability of the MC platform for a variety of processing or test/measurement needs.

About Process Photonics

Process Photonics is an innovative supplier of custom and standard, laser based, material processing systems for PCB, Electronics Assembly, and Medical Industries. The company is uniquely positioned to address these opportunities with expertise in optics, motion and vision systems, part handling and integration of OEM equipment into industrially robust stand-alone machines.

Current standard product offerings include stand-alone systems for electrical component trim and test, circuit board via drilling, and flex circuit processing, as well as machines for medical component manufacture.

Customers benefit from Process Photonics' extensive experience in light and material interactions in the development of custom manufacturing solutions. Our latest generation products include the integration of test capability to verify processing performance with visual inspection, precision measurement, and electrical parameter test. Products are designed to interface with an existing manufacturing line, with part conveyors, autoloaders, GERBER file compatibility, and data logging to name a few of the features available. Contact us to discuss your processing needs.

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