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FOR IMMEDIATE RELEASE

Primatics Introduces High-Precision Rotary Positioning Stage

Cable interface supports flexible mounting and easy integration

Corvallis, OR, October 22, 2003 – Primatics, Inc., an innovator in the industrial linear and rotary positioner markets, introduces its newest rotary stage: the PDR direct drive. The PDR is designed for rotary positioning applications such as semiconductor wafer inspection, high speed laser machining & precision metrology.

The PDR incorporates a state of the art glass scale encoder with a resolution down to 0.25 arc-sec, with repeatability of positioning to +/- 0.5 arc-secs. All encoder multiplication is accomplished internal to the PDR, eliminating the need for external multiplication electronics. All motor, sensing and encoder signals are generated internally and combined into a single cable exiting to the outside world.

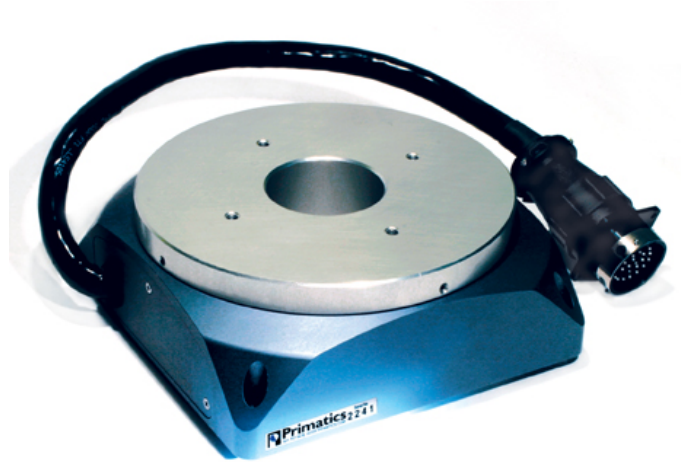
“The use of a cable interface rather than a connector mounted on the stage is a Primatics hallmark,” said Alan Petersen, Primatics President. “This makes the PDR more flexible to mount and easier to install in tight spaces than rotary stages by other manufacturers. Mating cables are provided for Primatics’ popular MDC drive chassis, making the PDR a truly ‘plug and play’ solution.”

A high pole count frameless motor in a direct-drive configuration powers the drive, ensuring minimal velocity ripple across a large dynamic range, while precision cross roller bearings provide stiffness, smoothness and high load capacity. Motor and bearing components are oversized for high load and torque capability. A large center through-hole allows convenient routing of optics and vacuum lines.

In business since 1997, Primatics focuses on delivering optimized solutions to meet specific application needs for precise and reliable motion. While supporting demanding customers’ requirements for high performance and reliability, Primatics’ linear and rotary motion stages are also designed to be the easiest to use. Design engineers in product development departments around the world, at companies such as Hewlett Packard, Seagate, Hitachi and ASML, look to Primatics to meet their precision positioning needs.

The PDR comes with tabletop diameters ranging from 110 to 210mm. Prices start at \$3800 with delivery of 4-6 weeks. For more information, see www.primatics.com.

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Primatics PDR160 Direct Drive Rotary Stage

A high-resolution (300 dpi – CMYK format) photo suitable for publication is available for downloading at <http://www.mktx.com/PrimaticsPR/Photos.html>.

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