

Press Release

Source: Precise Automation, Inc.

Precise Automation Introduces New, Lower Cost Vision-Guided Motion Control System

Los Altos, California – June 18, 2007 - Precise Automation has introduced the Guidance System, a complete 4-axis vision-guided motion control system in a compact enclosure.

The Guidance System is the latest in a series of motion controllers from Precise Automation based on a distributed network architecture that allows the controller to be located at the point of use. The system features the extremely powerful Guidance Motion Controller connected to motor and logic power supplies, fans and filters for cooling and easy-to-use standard connectors. An integrated motor power supply generates 320 VDC and can power a wide range of brushless motors that are equipped with incremental, absolute or analog encoders. The enclosure is compact (111 mm (W) x 700 mm (L) x 152 mm (H)) to permit mounting on a linear axis, under a workstation or other locations where space is a premium. The system's small size allows it to be attached close to the mechanism, thus eliminating the need for extra control cabinets and excessive cabling

All Guidance Systems include Precise Automation's powerful Guidance 3400 series controller. Its User Interface is based on a built-in web server that permits the controller to be accessed from anywhere in the world for easy development, operation, and maintenance. The software includes a complete set of motion commands, machine kinematics, a continuous path motion planner and trajectory generator, a powerful language, Active X and .Net links to Microsoft software, and an optional machine vision package that can execute in a networked PC. The vision software contains measurement tools and a patented object locator that can find multiple instances of parts in any orientation, even with cluttered backgrounds.

Brian Carlisle, President of Precise Automation, stated, "For customers who desire a simple alternative to mounting and wiring a motion controller and its associated components, our new Guidance System saves time and space while improving the robot's performance."

ABOUT PRECISE AUTOMATION INC.

Precise Automation delivers cutting edge automation technology and leverages years of experience in software, controls, electronic and mechanical design that assists end users and OEM customers to *automate with ease*. Precise's versatile table-top Cartesian robots come fully assembled and are extremely easy to set up. Our low cost vision-guided motion controllers integrate motor drives in a very compact design that fit inside many robot structures. The controller's powerful features allow OEM's to create the applications they want and to produce user-friendly systems. Adding vision guidance simplifies complex problems in locating and identifying parts and significantly improves process reliability by easily accommodating to dimensional variances. Precise

Automation's flexible and innovative products serve a wide variety of industries including: electronics, semiconductor, life science, medical products and mass storage.

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