

Press Release

Source: Precise Automation, LLC.

Precise Automation Introduces New, Lower Cost Vision Guided Motion Controller

Los Altos, California - August 7, 2006 - Precise Automation has introduced the Guidance 2400 series, an extremely compact, low-cost, vision guided line of motion controllers.

The Guidance 2400 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. It is a lower cost, lower voltage (24-90 VDC) version of Precise Automation's line of Guidance 3400 controllers. The Guidance 2400 contains four motor drivers, eight encoder input channels, a 700 MIPS processor, digital and analog inputs and outputs, Ethernet, and RS-232 interfaces. It can produce up to 2,000 watts of motor power in an extremely small package 225 mm long by 138 mm wide by 61 mm high. It is small enough to be placed inside machines, eliminating the need for a separate control cabinet.

The User Interface is based on a web server that resides in the Guidance 2400, allowing 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 with motion commands added to the Basic syntax, 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 locate multiple instances of parts in any orientation, even with cluttered backgrounds.

Brian Carlisle, President of Precise Automation, stated, "The Guidance 2400 offers an even lower cost alternative to our already low cost, high performance controller line. Precise Automation's Guidance controllers offer a combination of low cost, high performance and functionality, and small size not found in other alternatives."

ABOUT PRECISE AUTOMATION

Precise Automation is a leading innovator in low cost, high performance, table-top vision-guided robots and robotic motion controllers. The versatile Cartesian robots feature ultra-smooth, precise motion and are available with three or four axes in a variety of axis lengths. The robots come fully assembled and are extremely easy to set up. They come out of the box and into your application. The vision-guided motion controllers integrate motor drives, powerful, user-friendly software and vision and network capabilities in a small foot print. These controllers can drive and control small robots as well as room size gantries. Our flexible products serve a wide variety of industries including: electronics, semiconductor, life science, medical products and mass storage.

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