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States [Change]
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Control
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Actuators

Air Bearing Stages

Amplifiers

Drive Racks

Gantry Systems

Goniometers

Industry Solutions

Lift Stages

Linear Motors

Linear Stages

Linear/Rotary
Combination Stages

Manual Positioners

Motion Controllers

Motion Simulators

NANO Technology

Optical Mounts

[Rotary Motors](#)

[Rotary Stages](#)

[Spindles](#)

[Accessories](#)

[Markets](#)

[Assembly](#)

[Automotive](#)

[Data Storage](#)

[Education](#)

[Electronic Manufacturing](#)

[Fiberoptics](#)

[Flat Panel](#)

[Imaging](#)

[Laser Processing](#)

[Machine Tool](#)

[Medical](#)

[Military/Aerospace](#)

[Optics](#)

[Packaging](#)

[Photovoltaic](#)

[Semiconductor](#)

[Test & Inspection](#)

[Engineered Systems](#)

[Engineering Reference](#)

[Software/Manuals](#)

[CADs/3D Models](#)

[Site Index](#)

[Popular Motion Control](#)

[Categories](#)

[Actuators](#)

[Air Bearing](#)

[Stages](#)

[Gantry](#)

[Systems](#)

[Linear](#)

[Motors](#)

[Linear](#)

[Stages](#)

[Literature:](#)

[Catalogs/Brochures](#)

[Manuals/Software](#)

[Downloads](#)

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Nanotechnology

Optical

Mounts

Rotary

Stages

Motion Control News

PRO165LM Linear Motor Stage

The PRO165LM is a high-performance linear motor stage that is as accurate as it is versatile. A linear motion guide bearing system and high-performance, zero-cogging, brushless linear servomotor make the PRO165LM the stage of choice in industrial applications requiring outstanding contour accuracy and smooth velocity profiling, such as laser machining and medical component manufacturing, and other applications requiring high accuracy in a production environment.

Enhanced Throughput Module (ETM) Improves Positioning Performance

Aerotech ' s Enhanced Throughput

Module (ETM) improves the positioning performance of high-dynamic motion systems by directly measuring the unwanted motion of the machine base and communicating it back to the controller. The Aerotech ETM provides a low-cost solution for improving the productivity of new and existing equipment with easy installation and no changes to existing mechanical hardware.

Engineered Motion Control Systems

Aerotech's custom-engineered motion

control systems range from those for semiconductor, medical, laboratory, photonics and fiberoptics, laser processing, automotive, packaging, and more.

We are well-versed in vacuum and cleanroom techniques. Our extensive motion control and positioning system experience allow us to provide systems tailor-made for our customers ' operations, while employing the most accurate, highest performance motion control and positioning components available.

Automation Control Solutions Brochure

Aerotech's Automation Control

Solutions brochure highlights our complete lines of high-performance automation controllers and software, drives, linear and rotary motors, and the benefits and features of each. Get your free hard copy or download the pdf today.

Archived Motion Control News



Since 1970, Aerotech

has designed and manufactured the highest performance motion control and positioning systems for our customers. We are a leading supplier of motion control products to industry, government, science, and research institutions around the world. Our precision motion control products provide the critical performance for today ' s demanding applications in markets such as: medical device and life sciences, semiconductor and flat panel, photonics, automotive, data storage, laser processing, military/aerospace, electronic manufacturing and test, assembly, research and development, and others requiring high precision, high throughput motion control solutions. The breadth of our product line, including automated nanopositioners, planar air-bearing systems, high-speed gantries, linear and rotary and lift stages, brushless linear and rotary servomotors and drives, single- and multi-axis motion controllers, goniometers, and gimbals/optical mounts, makes us unique among motion control manufacturers. From concept to final certification, our proven products, motion control and positioning technologies assure the success of our custom engineered motion control systems.

Software Revisions

A3200 v2.54.005

Soloist v2.54.005

Ensemble v2.54.005

Motor

Sizer v1.03

Site Enhancements

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