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Aerotech K.K.

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TRADESHOWS

Semicon Europa

Munich Trade Fair Centre
Munich, Germany
Booth 2859
October 9-11, 2007
<http://www.semi.org>

ASPE Annual Meeting

Fairmont Hotel
Dallas, TX
Booth 33
October 14-19, 2007
<http://www.aspe.net>

Pack Expo 2007

Las Vegas Convention Center
Las Vegas, NV
Booth S-5561
October 15-17, 2007
<http://www.packexpo.com>

AEROTECH QUICK LINKS

[Knowledge Base - FAQs](#)
[Engineering Reference](#)
[Software & Manual Downloads](#)
[CAD Downloads](#)
[Job Listings](#)

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Announcing Aerotech Japan: Aerotech K.K.

We are pleased to announce the opening of Aerotech K.K. located in the greater Tokyo region in Japan. A full-service subsidiary, Aerotech K.K. will provide the premier service for which Aerotech is known worldwide including applications assistance, demonstrations, training, and post-sale or customer service. In addition to direct support for Japan, Aerotech K.K. soon will offer customer service or post-sale support throughout the Pacific/Asia region.



Tadashi Imai, Managing Director of Aerotech K.K.

Mr. Tadashi Imai has been appointed Managing Director of Aerotech K.K. Mr. Imai possesses a B.S. degree in Physics and has an extensive background in the areas of optics, laser processing and micromachining, and precision motion systems. His credentials also include over 20 years of application engineering experience, and sales team and executive management.

Aerotech looks forward to making additional investments in this rapidly growing region in order to increase our abilities to quickly and efficiently serve our global customer base in these strategically important markets.

Please [GO HERE](#) to contact Aerotech K.K. for an on-site demonstration of Aerotech's motion control products, or for more information on how Aerotech can provide the most accurate and cost-effective solution for your motion control needs.



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Visit Aerotech at Pack Expo 2007

Aerotech will introduce Cartesian robots and Allen Bradley Ethernet/IP connectivity to its line of servo motion controllers at Pack Expo 2007 in Las Vegas, booth S-5561, October 15-17. In addition to these introductions, we will demonstrate the Ensemble™ multi-axis and Soloist™ single-axis motion controllers.



Please join us for a demonstration at [Pack Expo](#), [schedule](#) an appointment with an Aerotech Application Engineer, or view products on our [website](#).

25%-50% Marked Off Clearance Items

Get great deals on surplus products, demo equipment, or discontinued parts and components. Current offerings include:

- Brushless, brush, and stepping motors
- Linear, rotary, and vertical lift stages
- Motion controllers
- Servo amplifiers (PWM and linear)



Please [GO HERE](#) to browse our "Clearance Items."

Latest Software Releases

This section lists the latest revisions of Aerotech software, providing a handy method of checking to see that your Aerotech software, and hence your Aerotech system, is working at peak efficiency. All Aerotech software is available for instant download from our website — just click the software title! An entry in red means the software has been updated since our last newsletter.

Software	Version	Description
A3200 Digital Automation Platform	Version 2.19	Nmotion® SMC Libraries and Utilities, Ncontrol® Software Developers Kit, Nview® HMI, Windows Help Files
U600 HMI	Version 6.00.136	Windows® HMI
U600 SDK	Version 6.00.136	U600 Software Developers Kit
U600 LIB	Version 6.00.136	Windows® Help File, U600 Libraries and Utilities
U500 PC-Bus-Based Controller	Version 5.22	Windows® HMI and Windows® Help File
U511 Stand-Alone Controller	Version 5.22	Interface Software and Windows® Help File
Soloist Single Axis Controller	Version 2.07	Interface Software and Windows® Help File
Ensemble	Version 1.01.001	Please contact Aerotech for more information.

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Motion Control and Positioning Library

This resource provides a short summary and a link to articles, tutorials, white papers, and other materials that discuss problems and solutions involving motion control and positioning equipment and systems.

Articles

Motion Control Requirements for Hermetic Seam Welding

A discussion of the motion control platform in regard to hermetic seam welding of sophisticated electronic devices implanted in the human body. Read the full article [HERE](#).

Digitizing a Century of Astronomical Images

Aerotech's ABL9000 air-bearing stage is put to use to efficiently digitize more than 500,000 photonegatives. For more information on this article, click [HERE](#).

Two-Photon Polymerization: A New Approach to Micromachining

Femtosecond lasers enable microfabrication with resolution beyond the diffraction limit. Read the full article [HERE](#).

Aerotech Pushes Mechatronics Envelope with Motion Systems

An interview with Dr. Robert Novotnak discussing how mechatronics is employed in high-precision motion control. Read the full interview [HERE](#).

Precise Triggering of External Events Based on Axis Position

An axis-based trigger in the controller can significantly improve part quality, reduce cycle time, and eliminate processing problems. This article discusses Aerotech's unique PSO (Position Synchronized Output) option. Read the full article [HERE](#).

Linear Motors Application Guide

A tutorial guide to the history, design, and application of linear motors. Get the PDF [HERE](#).

Air Bearings Aid Assembly of Flat Panel Displays

Many manufacturing processes for flat panel displays (FPDs) require precision motion control for feature generation and inspection. Aerostatic bearings are an excellent choice for many of these processes. Read the full article [HERE](#).

Applications Dictate Gimbal Selection

The choice between [direct-drive](#) and [gear-driven](#) gimbals and optical mounts presents an opportunity for a comparison of the pros and cons for each. Read the full article [HERE](#).

Search the Aerotech [Article Archive](#)

Standards Organizations

1394 Trade Association
<http://www.1394ta.org>

ISA, the International Society for Measurement and Control
<http://www.isa.org>

IEC
<http://www.iec.ch>

ISO
<http://www.iso.org>