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## PI PRESS RELEASE

### New 160 Page Catalog on Piezo Linear Motors, Rotation Stages, and Multi-Axis Motion Systems

September 2018, Auburn, MA – Piezo motors provide excellent dynamic properties, such as high acceleration and fast start/stop behavior, along with nanometer precision and stability. In contrast to traditional piezo mechanisms, like piezo stacks and piezo flexure stages, piezo motors are not limited to short travel ranges.

These properties are used in many industrial and research applications including precision automation, micro-assembly, high resolution microscopy, mobile devices, opto-mechanics, and scientific instrumentation.

PI's new comprehensive piezo motor solutions catalog covers a large number of linear, rotary, and multi-axis motion systems based on a variety of piezo motor types along with their appropriate controllers and drivers.

Ultrasonic piezo motors, for example are preferred for high-speed applications; inertia motors are small and cost efficient; PiezoWalk drives provide the highest forces up to 800N and piezo-ratchet drives can replace micrometers in remote “set and forget” applications.

All piezoelectric motors are self-locking, field-less, and not affected by magnetic fields, and can be easily integrated mechanically. Appropriate versions are also available for applications in vacuum.

#### Download the Piezo Motors Catalog

<https://www.pi-usa.us/en/resources/catalogs-brochures/#c76540>

#### Different Types of Piezo Motors videos

<https://www.pi-usa.us/en/resources/videos-animations/#c66590>

#### Piezo Motors products

<https://www.pi-usa.us/en/products/piezo-motors-stages-actuators/>

## Standard and Custom

PI has in-house engineered solutions with over 4 decades of experience working with customers to provide products that meet application demands, and can quickly modify existing product designs or provide a fully customized OEM part to fit the exact requirements of the application.

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## About PI

PI is a leading manufacturer of air bearing stages, piezoelectric solutions, precision motion control equipment, and hexapod parallel-kinematics for semiconductor applications, photonics, bio-nano-technology and medical engineering. PI has been developing and manufacturing standard & custom precision products with piezoceramic and electromagnetic drives for 4 decades. The company has been ISO 9001 certified since 1994 and provides innovative, high-quality solutions for OEM and research. The PI group employs more than 1,200 people worldwide in 15 subsidiaries and R&D / engineering centers on 3 continents.

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