

Providing Custom Motion Solutions For 50 Years

For 50 years, Newport's motion team has been developing high precision custom/OEM systems for research, industrial and aerospace customers and providing solutions from system design through manufacture to on-site installation. Today our system capability is represented in three different categories: Technology Platform, Assemblies and Advanced Solutions.

Click to download [Custom Motion System brochure](#) and [Air Bearing Solution brochure](#)

TECHNOLOGY PLATFORMS



The technology platforms represent a broad product offering that is differentiated from our standard product with the following technology features:

- [Advanced Products](#) - Higher speed, higher loads, long travel, higher resolution and sensitivity
- [Advanced Motion Electronics and Algorithms](#)
- [Air Bearing Solutions](#)
- [Environmental Preparation](#)
- [Custom Interfaces](#)

ASSEMBLIES



These include the custom solutions devised from Newport's standard motion catalog products, gimbal assemblies and engineered multi-axis systems.

[ADVANCED SOLUTIONS](#)



These are advanced systems which represent the pinnacle in Newport's systems capabilities, including diffractometry solutions and multi-axis turnkey systems.

Newport supplies the metrology testing data for most of our custom/OEM system solutions. For more information and details on Newport metrology, please refer to [Motion Control Metrology Primer](#)