

# MANUAL ROTATION STAGE



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Newport offers a full range of Manual [Rotation and Tilt Stages](#) to meet various experimental requirements. Manual Rotation and Tilt Stage types include Precision Steel Rotation Stages, High-Performance Aluminum Stages, Low-Profile Rotation Stages, Anti-Backlash Goniometric Rotation Stages, and Tilt and Rotary Platforms.

## Selecting a Rotation and/or Tilt Stage

Click [Rotation and Tilt Stages](#) to shop or browse all of our standard models, or select a product family below for more information.

Series	Axes of Rotation	Typical Travel Ranges	Typical Sensitivity	Base Material	Special Features
 <a href="#">Precision Steel Rotation Stages</a>	øz	360° Full	10 - 30 μrad	Alloy Steel	Low profile versions
 <a href="#">Precision Steel Rotation Stages with Aperture</a>	øz	360° Full	10 - 30 μrad	Alloy Steel	Apertured platform
 <a href="#">High-Performance Rotation Stages</a>	øz	360° Full	73 - 145 μrad	Aluminum	Optic rotator, post mountable

	<a href="#">Low-Profile Rotation Stages</a>	øz	360° Full	53 - 76 µrad	Aluminum	Post mountable
	<a href="#">Standard Performance Rotation Stages</a>	øz	360° Full	1.2 mrad	Aluminum	Optic rotator, post mountable, slim profile
	<a href="#">Height-Adjustable Rotary Stage</a>	øz	360° Full	1/2 ° (by hand)	Aluminum	Vertical travel
	<a href="#">Anti-Backlash Goniometric Rotation Stages</a>	øx	±5° to ±10°	10 - 40 µrad	Aluminum, black anodized	Stackable for øx, øy adjustment
	<a href="#">Precision Steel Tilt Platforms</a>	øx	±3°	5 - 10 µrad	Alloy Steel	High load capacity
	<a href="#">Two-Axis Steel Tilt Platforms with Aperture</a>	øx, øy	±2°	20 µrad	Alloy Steel	M30 threaded aperture, post mount
	<a href="#">Multi-Axis Tilt Platforms</a>	øx, øy, øz	±4°	10 µrad	Aluminum	Multiaxis adjustment
	<a href="#">Three-Axis Ball-and-Socket Tilt Stages</a>	øx, øy, øz	±25°	2 ° (by hand)	Aluminum	Lockable