

PR150 Rotary Stage



The PR150 is a worm gear driven rotary stage with a NEMA23 motor mount. Position information is by motor count or a motor mounted rotary encoder. A high load capacity, good stiffness, and precise rotation are obtained through the use of a large, circular crossed roller bearing. Custom configurations are available such motor mounts for 5 phase stepper motors.

Specifications		
	Standard Grade	Precision Grade
Load Capacity (Kg)	25	25
Stage Weight (Kg)	4	4
Concentricity of Rotation (μm)	± 6.0	± 3.0
Concentricity of Center Bore / Hub (μm)	± 8.0	± 4.0
Flatness of Rotation (TIR) at 75mm Radius (μm)	± 5.0	± 2.5
Standard Worm Gear Ratio	45:1	
Home	Optical Switch	

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