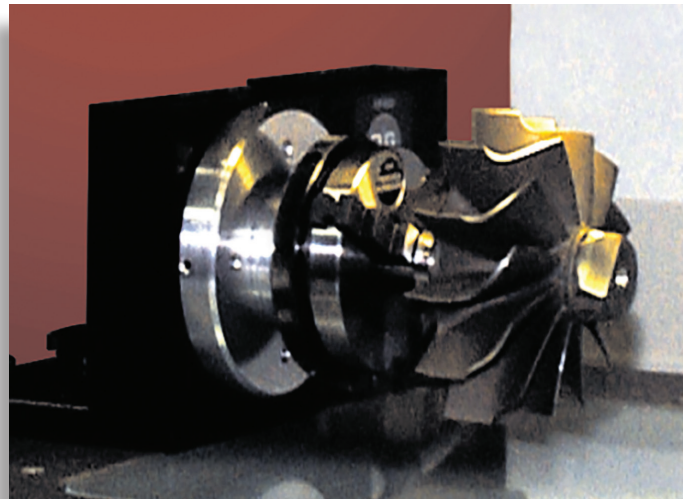


MSR™ Miniature Servo Rotary

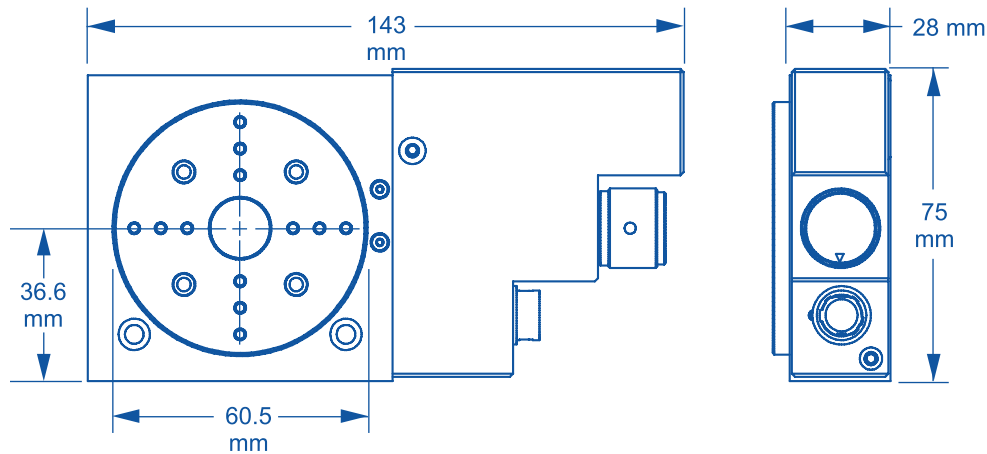
The Miniature Servo Rotary offers fast and reliable part indexing in a miniature package for QVI dimensional measurement systems.

- Automatically rotate parts to present a different view to the measuring system, reducing the need for multiple part setups
- Mounting bracket allows horizontal or vertical axis applications.
 - Horizontal axis mounting is ideal for screw machine parts, precision hydraulics, and other turned/cylindrical parts
 - Vertical axis mounting allows rotation around the optical axis, useful for runout measurement and optical sectioning

Miniature Fourth Axis Rotary Positioner



MSR™ Miniature Servo Rotary



Unit Weight: 0.7 Kg

Technical Specifications

Metrology software compatibility¹	QVI® ZONE3®, MeasureMind® 3D, or Measure-X®
Construction	Aluminum, black anodized
Dimensions	143 x 28 x 75 mm
Weight	0.7 kg
Face Plate diameter	60.5 mm
Rotary centerline height (horizontal configuration)	36.6 mm
Moment load capacity	2.0 kg-cm off-axis, 4.0 kg-cm on-axis
Operating environment, safe operation	15-30° C
Rated environment	Temperature 18-22° C, stable to ±1° C; 30-80% humidity
Position repeatability²	±30 arc seconds
Positioning accuracy²	±2 arc minutes
Faceplate runout²	±2.5 µm

¹MeasureMind 3D or ZONE3 required for support of 3D datum transformations.

²Resolution, accuracy and runout specifications with off-axis stage loading may be greater than standard specifications.



Phone: (585) 544-0400 • (800) 647-4243
 Fax: (585) 544-8092
 info@ogpnet.com
 www.ogpnet.com

