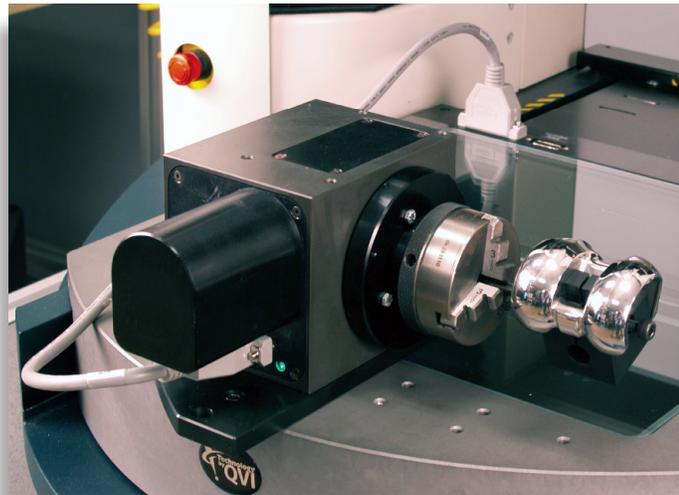


MTR™ MicroTheta Rotary

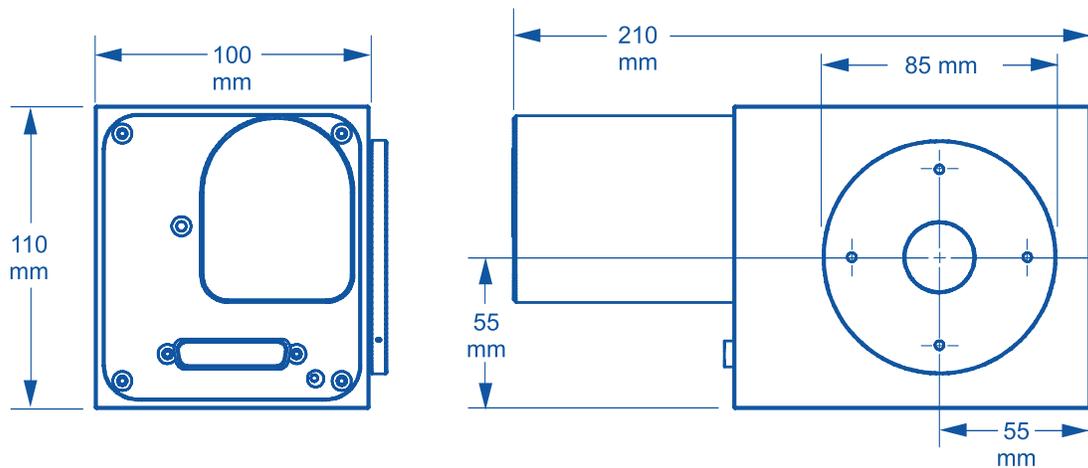
Fourth Axis Rotary Positioner

The MicroTheta™ Rotary brings true fourth axis measuring capability to QVI dimensional measurement systems.

- Automatically rotate parts to present a different view to the measuring system, with no need to re-measure datum features
- QVI 3D metrology software includes rotary axis calibration routines to locate the rotary in 3D space
- MicroTheta Rotary may be mounted horizontally or vertically, per application requirements
- Pair the MicroTheta Rotary with other QVI rotaries to add a fifth axis of rotation



MTR™ MicroTheta Rotary



Unit Weight: 3.6 Kg

Technical Specifications

Metrology software compatibility¹	QVI® ZONE3®, MeasureMind® 3D, or Measure-X®
Dimensions	210 x 100 x 110 mm
Weight	3.6 kg
Face Plate diameter	85 mm
Rotary centerline height (horizontal configuration)	55 mm alone, 67 mm with base plate
Moment load capacity	4.0 kg-cm off-axis, 8.0 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 resolution²	2 arc seconds
Positioning accuracy²	±5 sec
Faceplate runout²	±0.005 mm

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

