

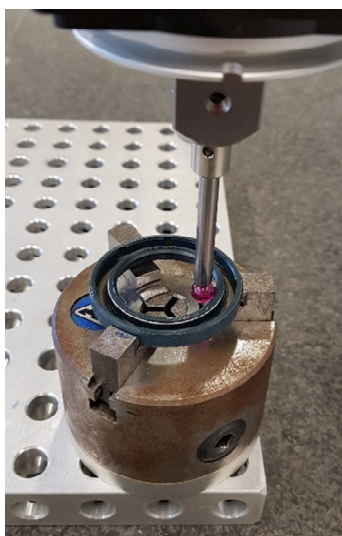
Prismo MTS from Zeiss

Description:

- 3D-coordinate measuring device for precise contour measurement of workpieces
- Possibility to measure complex geometries
- Variable adaptation of the probe geometry
- Automatic measuring mode available
- Air-conditioned room to ensure reproducible results
- Automated measuring reports

Technical Specifications:

Resolution:	0,04	µm
Probing uncertainty, one-dimensional measurements:	< 1,0	µm
probing uncertainty, three-dimensional measurements:	< 1,2	µm
length measurement uncertainty u:	$u \leq 1,5 \mu\text{m} + \frac{L}{350} \frac{\mu\text{m}}{\text{mm}}$	
maximum measurement range	X- Direction:	900 mm
	Y- Direction:	1180 mm
	Z- Direction:	650 mm



Measurement of a sealing ring geometry

Field of Application:

- Geometry measurements
- Contour measurement
- Wear measurements
- Single point, four point, form and position measurements
- Scanning routines
- Use in sealing technology for the measurement of sealing ring geometries