

Shaft measuring device



- Universal concentricity meter for rotationally symmetrical parts.

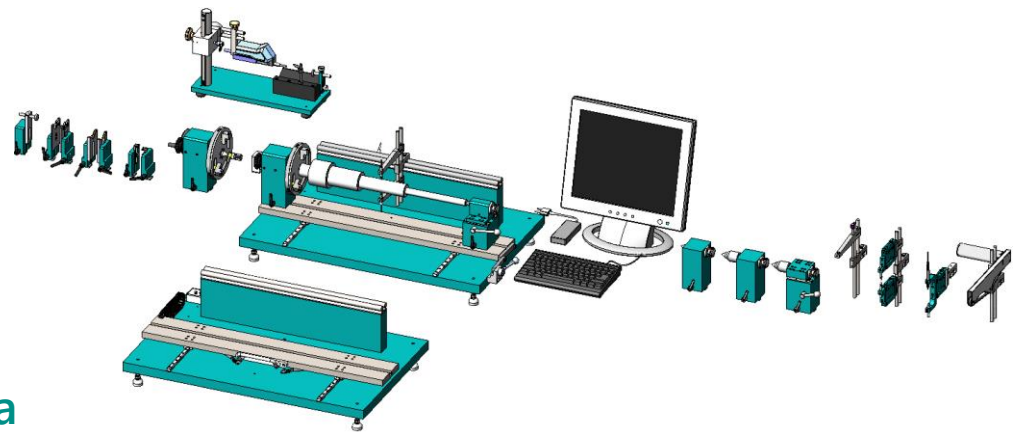


- Measuring principle:

Test piece is placed on a movable carriage – swiveling into the measuring position – the measuring process starts automatically
Axial rotation of the test piece by motor or hand and approached with measuring sensors (roundness measurement)

Software calculates eccentricity and diameter from the data

- Highlights: Measuring results well structured as a chart with colour change
Test pieces can be quickly changed by swivelling out the measuring carriage
Easy installation for various test pieces
- Optional: Mechanical version with dial gauges (instead of via PC)
Special workpiece holders, Scanner deflections for inner contours, smaller measuring point distance, etc.
Software module for static process control (SPC)
separate roughness measuring device for scanning the surface



Technical Data

Test pieces Rotationally symmetrical parts of all kinds

Test piece dimensions

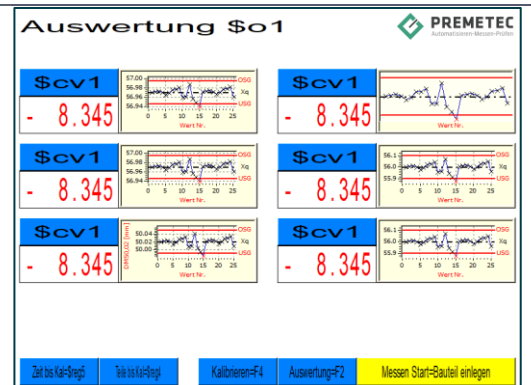
Length 40...600 mm
 Test diameter 0...200 mm
 Bearing journal diameter 3...200 mm
 Measuring point distance ≥ 6 mm

Realisable measuring tasks

Radial run-out
 Roundness
 Diameter
 optional Surface parameters Ra, Rz

Measurement data processing

Hardware IPC
 Operating system Windows
 Measuring data software IBR-ComGage®
 Visualisation Touch-Monitor
 Storage (optional) Excel, Q-DAS



Basic unit dimensions (without PC and monitor)

Width x depth x height 800 x 500 x 400 mm (basic unit without PC and monitor)
 Weight Approx. 80 kg

Roughness measuring device dimensions

Width x depth x height 500 x 170 x 290 mm
 Weight Approx. 14 kg

Optional accessories See accessories catalogue