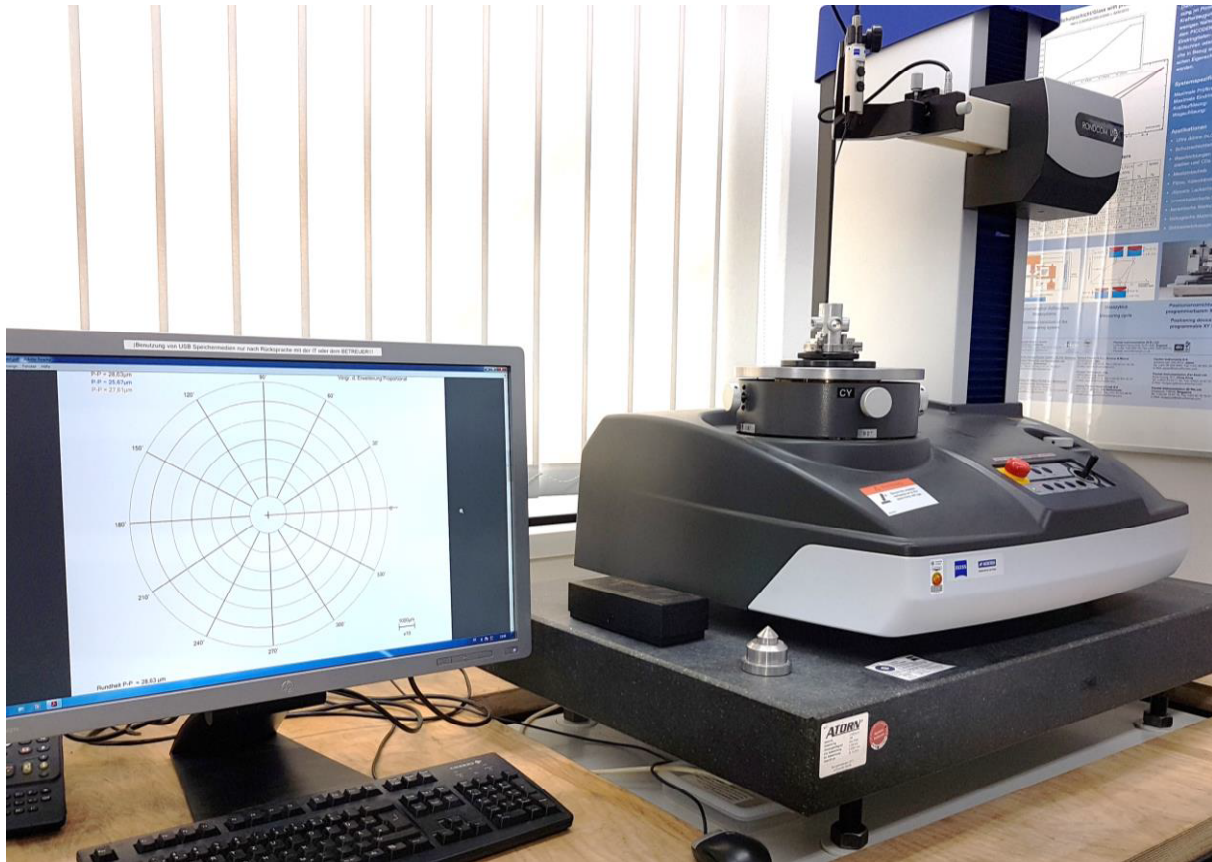


Metrology capability

Zeiss universal form tester RONDCOM NEX



Purpose

Universal form tester RONDCOM NEX for the measurement and evaluation of roundness, cylindricity, squareness, parallelism, straightness, flatness, coaxiality, concentricity and thickness deviation on rotationally symmetrical components.

Specifications

- High-precision, wear-free, air-bearing rotary platform.
- Roundness deviation $0,01 + 0,00016$ (Filter 50 W/U)
- Measurable diameter 300 mm
- Maximum workpiece diameter 580 mm
- Line straightness z-axis $0,1 \mu\text{m}$ (100 mm)
- Maximum workpiece weight 30 kg
- Measuring range z-axis 500 mm