

# RONDCOM 60 A, RONDCOM 60 AS

Highly-accurate form tester from the reference class



## RONDCOM 60 A

Highly-accurate form tester from the reference class for excellent measurement of the tightest tolerances

- Ultra-accurate, wear-free rotary table on air bearings. Accuracy of 20 nanometers with a load capacity of 60 or 100 kg
- Extreme long-term stability through the quality design and heavy granite axes
- Maximum precision through R, Z and rotary axes on air bearings
- Incremental glass scale in the R axis direction

- Higher throughput thanks to fast, automatic alignment in less than one minute
- Large deflection range and high resolution of the detector and stylus system for higher throughput – centering is not necessary for serial measurements

### Patented CNC offset stylus mount

For CNC-guided rotating and pivoting of the stylus

- Measurement below the R axis
- Deep penetration with the standard stylus

## Options

- Customized R axis length for over-large component diameters
- Z measuring range available in 500, 800 and 1,000 mm

## RONDCOM 60 AS

- Like the RONDCOM 60 A, but with even greater accuracy
- Nanometer accuracy for excellent measurement of even narrower tolerances thanks to optimized acceptance and correction methods
- Ultra-accurate, wear-free rotary table on air bearings. Accuracy: 10 nanometers; load: 60 kg

## Technical data summary

	RONDCOM 60 A	RONDCOM 60 AS
<b>Roundness error<sup>1</sup></b>	0.010 + 0.0003* (50 W/U filter)	0.005 + 0.0003* (50 W/U filter)
<b>Measurable diameter</b>	420 mm (larger optional)	420 mm (larger optional)
<b>Max. workpiece diameter</b>	680 mm (larger optional)	680 mm (larger optional)
<b>Z axis straightness</b>	0.10 µm (100 mm)	0.05 µm (100 mm)
<b>Max. workpiece weight</b>	60 kg (100 kg optional)	60 kg

<sup>1</sup> µm + µm/mm measuring height

\*Deviation from reference circle



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