

RONDCOM 65 B

Form tester in the ultra class



RONDCOM 65 B

- Ultra-accurate, wear-free rotary table on air bearings, 10 nanometer rotational error
- Extreme long-term stability through the quality design and heavy granite axes
- Ultra precision with R, Z and rotary axes on air bearings
- Thermally insulated, active vibration-insulated table
- Incremental scale in the R axis direction
- Higher throughput thanks to fast, automatic alignment in less than one minute

Optional:

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

- 800 or 900 mm Z axis
- Optical white light sensor

Technical data summary

Roundness error¹	0.005 + 0.0002* (15 W/U filter)
Measurable diameter	420 mm
Max. workpiece diameter	680 mm
Z axis straightness	0.05 µm (100 mm)
Z axis parallelism	1.5 µm (500 mm)
R axis parallelism	0.5 µm (200 mm)
Max. workpiece weight	60 kg

¹ µm + µm/mm measuring height

*Deviation from reference circle



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