

RONDCOM 76 A

The highest efficiency and accuracy in its class



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Spindle form tester featuring the highest efficiency and accuracy in its class for heavy workpieces.

- Reduced measuring times thanks to high travel speeds of 100 mm/s on all axes
- More throughput thanks to automatic alignment and automatic CNC measuring runs
- Fully automatic control of all 7 axes
- More tolerance flexibility for production through high measuring accuracy

- Machine bed and Z axis made of non-warping hard stone for long-term stability
- Integrated anti-vibration table with active damping
- Highly precise air bearings in X, Y, Z and rotation axes – low maintenance and durable
- Reliable thanks to extensive collision protection and its design
- Parallelism measurements via highly accurate and specified axes
- Informative multi-flatness evaluation in the R axis

- Exact diameter measurement
- Easy to use thanks to modular ACCTee PRO software
- Fast CNC inspection plans via teach-in or offline programming
- Flexible thanks to extensive accessories and individually configurable equipment concept
- Ideal for applications such as cylinder heads, engine blocks, crankshafts and cam shafts, and for highly-accurate measurements on oversized workpieces

Technical data summary

Roundness error¹	0.04 + 0.0003 (50 W/U filter)
Z axis measuring path	1,000 mm (optional 1,500 mm/2,000 mm)
Z axis travel path	700 mm (optional 1,500 mm)
Y axis travel path	200 mm
R axis traversing length	290 mm
Travel speed	100 mm/s
Max. measurable diameter	500 mm
Max. workpiece weight	200 kg (optional 1,000 kg)

¹ $\mu\text{m} + \mu\text{m}/\text{mm}$ measuring height



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