

RONDCOM Grande

3-in-1 form, contour and surface measurement
with one setup

RONDCOM Grande

- For large, precision components for the wind, power and bearing industries
- Precision rotary table on air bearings with 80 nanometer rotation accuracy
- Form tester, contour measuring instrument and roughness measuring system in one
- Time saver: components are automatically measured in one setting
- New, highly precise air bearings for extremely reliable results
- Contour measurements with a large deflection range of ± 26 mm at a resolution of 1.24 nanometers
- Roughness measurements with a large deflection range of ± 2 mm at a resolution of 0.62 nanometers



Technical data summary

Measurable diameter

Form measurement

1,650 mm

Max. workpiece diameter

2,100 mm

Measuring height

500 mm

Roundness error¹

0.08 + 0.001 (50 W/U filter)

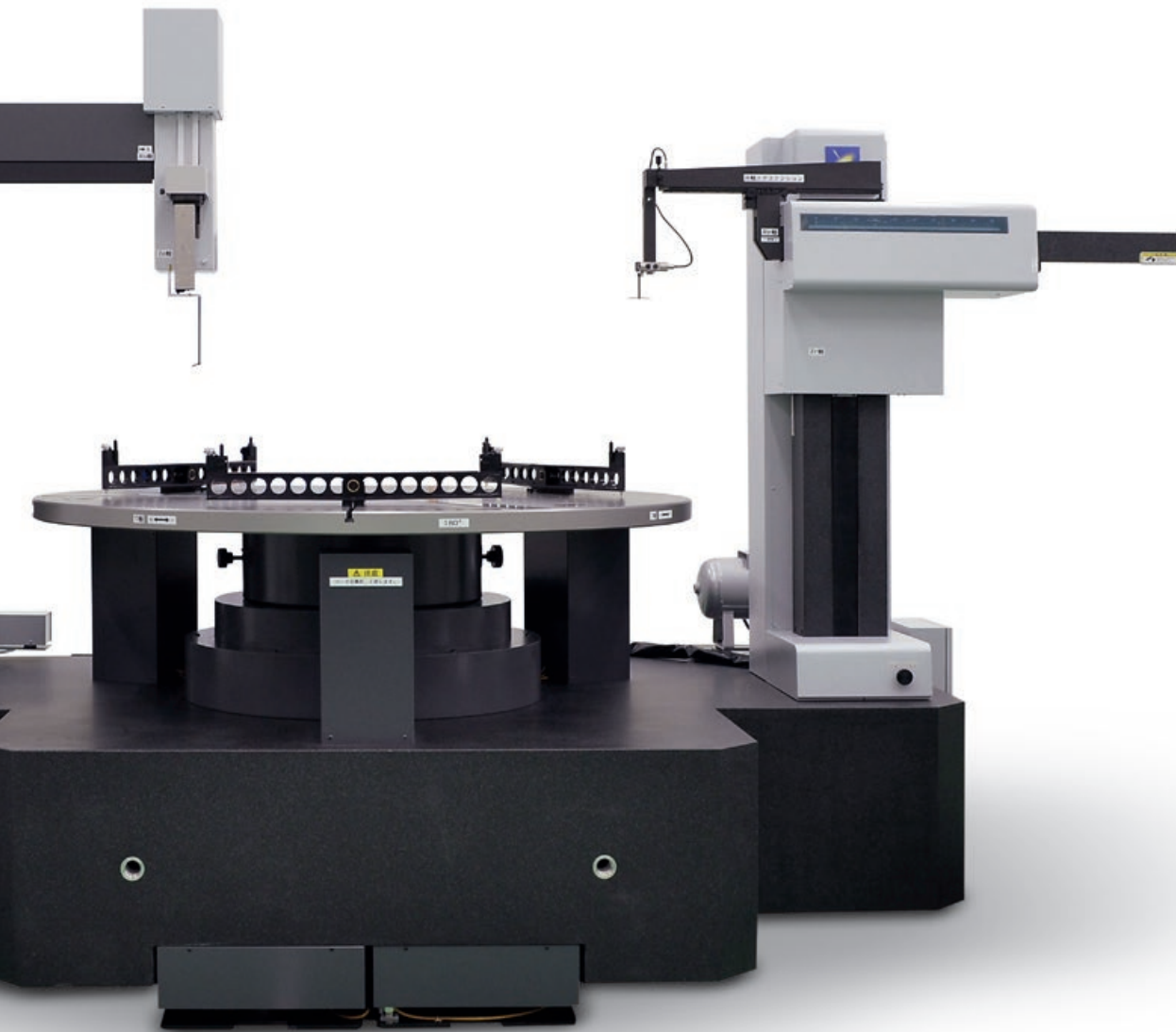
Z straightness

0.15 μm (100 mm)

Max. workpiece weight

500 kg

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



Surface and contour measurements

Measurable diameters	150 - 1,700 mm
Max. workpiece diameter	2,100 mm
Measuring range height	40–540 mm
Roughness measuring range	± 13 mm
Roughness resolution	0.62 nm
Contour measuring range	± 26 mm
Contour resolution	1.24 nm



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