RN1000 ROUNDNESS TESTER

- High precision air-floating spindle, never wear, can keep high accuracy for long time
- High accuracy and good stability
- Large arc can be measured
- Automatic identification of contour discontinuities, can eliminate automatically or manually



SPECIFICATION

Measuring range	Max. dia.	Ø180mm
	Min. inner dia.	Ø5mm
	Max. height	420mm
Spindle accuracy	Radial error	±(0.025+5H/10000)μm
	Axial error	±(0.02+6X/10000)μm
Stage	Stage dia.	Ø180mm
	Rotation dia.	Ø300mm
	Max. load weight	25kg
	Adjustment range	adjust the eccentricity: ±2mm; adjust the level:±1°
	Rotation speed	0-12 rpm(adjustable)
Horizontal arm	Horizontal moving distance	150mm
	Probe moving speed	0.5-6mm/s (adjustable)
Sensor	Range	500μm
	Resolution	0.005μm
	Stylus	Ø2mm ruby ball
	Measuring force	1-12g
Air source		0.45-0.80Mpa
Air consumption		0.2m³/min
Power supply		110~220V
Dimension		920x530x1600mm

INCLUDED ACCESSORIES

Main unit	1pc
Stage	1pc
Precision chuck	1pc
Standard ball	1pc
Standard elliptical part	1pc
Probe	1pc

OPTIONAL ACCESSORIES

Computer	1pc
Printer	1pc
Anti-dust cover	1pc