

NEW PRODUCT INFORMATION

Roundness/Cylindricity Measuring System

Roundtest RA-2100 Series



The Roundtest RA-2100 Series is a roundness measuring system that supports multiple sensors. Both a stylus that conforms to standards of a roundness measuring machine and a detector for surface roughness measurement can be used.

*Roughness detector unit is an optional accessory

Two types of models that powerfully support centering and leveling adjustments are available: AAT, an auto-centering type and DAT, a navigation-type.



Standard detector



Roughness detector

Model	RA-2100AS	RA-2100AH	RA-2100DS	RA-2100DH
Order No.	211-843	211-844	211-863	211-864
Rotational accuracy	Radial direction	$(0.02+5H/10000) \mu\text{m}$ H : Probing height (mm)		
	Axial direction	$(0.02+6X/10000) \mu\text{m}$ X: Distance from turntable rotation center (mm)		
Centering/Leveling adjustment	AAT (Auto)		DAT (with navigation)	
Vertical travel	11.81"(300mm)	19.69"(500mm)	11.81"(300mm)	19.69"(500mm)
Parallelism of column	1.0 μm /300mm	1.7 μm /500mm	1.0 μm /300mm	1.7 μm /500mm
Straightness of column	0.25 μm /300mm	0.4 μm /500mm	0.25 μm /300mm	0.4 μm /500mm

Specifications are subject to change without notice.

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Hardness Measuring

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