

ROUNDNESS AND CYLINDRICITY TESTER CODE RCT-350

INSIZE PLUS
MADE IN ITALY

MEASURING ARM, COLUMN MOVEMENT AND
STAGE MOVEMENT ARE CONTROLLED BY MOTOR

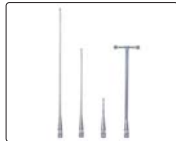
PROVIDE CUSTOM-MADE PROBES
ACCORDING TO WORKPIECE

NOT NEED OF
COMPRESSED AIR

- Can measure roundness, flatness, straightness, cylindricity, conicity, cone shape, concentricity parallelism, squareness, angularity, coaxiality run-out, total run-out and thickness variation
- Fast center adjustment
- High measurement speed
- Programmable for automatic cycle measuring
- High accuracy, high resolution
- Rugged and durable, suitable for long-time continuous measurement
- Visualization operating software, easy use, graphic to display of 2D and 3D



roundness standard ball
(accuracy<0.05µm,
optional)



custom-made probes
according to workpiece



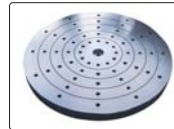
17µm standard block
(optional)



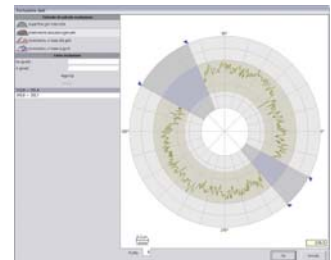
3 jaw auto-centering chuck,
external grip diameter Ø1~32mm,
internal grip diameter Ø18~80mm
(optional)



6 jaw auto-centering chuck,
external grip diameter Ø1~35mm,
internal grip diameter Ø25~95mm
(optional)



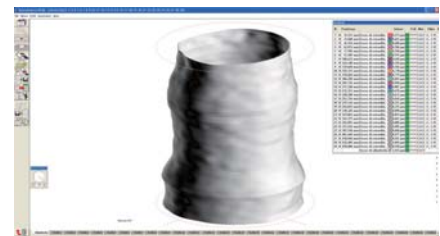
Ø250mm platform
(optional)



2D graphic display

SPECIFICATION

Max. measurement diameter		260mm
Max. measurement height		400mm
Stage	diameter	160mm
	maximum load	200N
	adjustment range of center	±3mm
	adjustment range of level	±2°
Probe	spindle error	<0.05µm
	measuring range	0.6mm
Z axis	resolution	0.001µm
	straightness	0.3µm (100mm route) 0.8µm (400mm route)
	measurement speed	0.5mm/s, 1mm/s, 2mm/s (optional)
	movement speed	0~15mm/s, adjustable
Measuring arm movement range		175mm
Measuring arm movement speed		0~15mm/s, adjustable
Dimension		110~240V, 50/60Hz
Power supply		530x520x815mm
Weight		58kg



3D graphic display

STANDARD DELIVERY

Main unit	1pc
Standard probe	1pc
Computer	1pc
Measurement software	1pc

OPTIONAL ACCESSORY

Roundness standard ball	RCT-350-BALL
Standard block (17µm)	RCT-350-CLB
3 jaw auto-centering chuck	RCT-350-JAW3
6 jaw auto-centering chuck	RCT-350-JAW6
Ø250mm platform	RCT-350-PLATE