CA Series

Roundness&Cylindricity Measurement Machine

Accuracy ±0.0125µm Imported circular grating

Light measuring force and high precision

Air float column

High precision without wear out

Each circle collect 14400points









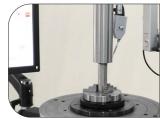


















# ME HERE -80 IM3-	8.0			- 1			2mm)				_	$\overline{}$	
● 放弃-分割原勤-80-4/M+	MR		-				2 7550						
● 投資・作型電動・RD,5/M5。	100		- Marina	SUMMER OF STREET	STATISTICS.				FEER				
学放弃·升起来第一RD GMG。			100000					PROW	#1CS3				
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● 放体:介面(美国 - AD 1/M1 - 東#			180003					地位国際	1-50		_	3.70 0111	
 ● 放映・外面(重要)・80 2/M2・原数 			. 100000			п		製工1数			X:		min
● 結構-H西(重要)+RD_3/H3→第3		4. 1	2,0000				2 - 393	当年取为角金	500"		Z:		mm
■ 招降-外型(新数×80_4/84×要算			. 1000								maine:		
● 物体·升蛋(普重)×RD_C/MS×要素			14000						PATE		BORT.		
 □ 四株の田(田里)・RD 6/86×東京 □ 四株の田(田里)・RD 7/86×東京 			10000					1281	255.00	um		+10	113
● 型統・所谓(董重)×RD (ME)・第2		Sec. 1	1000			и.	2 - 32.4	Mes	2.642	um	A 2- 1	77. 080	138
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Measurement Functions

It can measure the roundness (column), straightness, runout, full runout, taper, diameter, concentricity, coaxiality, flatness, parallelism, perpendicularity, eccentricity, etc. of various regular and irregular ring-shaped workpieces

Surface waviness (Wc, Wp, Wv, Wt, Wa, Wq), spectrum analysis, and wave height analysis can be done.

Data Analysis and Processing

Spectrum analysis: analyze the amplitude of different frequency

Abnormal data rejection: manual or automatic rejection of abnormal data, such as burrs, holes and bumps, etc. File management: automatic database saving of measurement data

Result printing: can be printed routinely or exported as PDF file

Roundness Filter

1-500、1-150

1-50、1-15、15-500

Waviness Filter

3-16、17-100

Roundness Eva

Minimum area method, least squares method Minimum external circle method, maximum internal tangent circle method

Technical Parameters

Item		Product Model							
		CA30	CA65	CA95					
F	Parts max turn diame	ter ф320mm	ф420mm	ф420mm					
Measure range	Max measure height	300mm	400mm	500mm					
	Max measure depth	Standard probe: 100mm(aperture < 36mm); Non-standard bracket can measure up to 300							
	Max load	25Kg	50Kg	100Kg					
Air float main axis	Axial error	± (0.025+0.0005H/) μm 🔆	± (0.015+0.0003H) μm	± (0.0125+0.0003H) μm					
	Radial error	± (0.025+0.0006X) μm **	± (0.0125+0.0004X) μm	± (0.02+0.0004X) μm					
Worktable	Table diameter	ф150mm	ф200mm	ф200mm					
	Adjust range	Adjust the eccentricity ±3mm; adjust the level ±1°							
Straightness		0.5µm/100mm	0.4µm/	100mm					
Parallelism between rotation axis and Z-axis guide		1.5µm/300mm	2µm/400mm	2.5µm/500mm					
Horizontal travel		250	270mm						
C	Measuring range	500µm (radius differential)							
Sensor -	Stylus form	2mm ruby probe (1mm, 0.5mm stylus available)							

The above table parameters are the default configuration, if you need other configurations can be optional according to the order. ※ H: measuring height from table. X: measuring radius.