

- ◆ 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**

<b>Measuring range</b>	<b>Max. dia.</b>	Ø180mm
	<b>Min. inner dia.</b>	Ø5mm
	<b>Max. height</b>	420mm
<b>Spindle accuracy</b>	<b>Radial error</b>	$\pm(0.025+5H/10000)\mu\text{m}$
	<b>Axial error</b>	$\pm(0.02+6X/10000)\mu\text{m}$
<b>Stage</b>	<b>Stage dia.</b>	Ø180mm
	<b>Rotation dia.</b>	Ø300mm
	<b>Max. load weight</b>	25kg
	<b>Adjustment range</b>	adjust the eccentricity: $\pm 2\text{mm}$ ; adjust the level: $\pm 1^\circ$
	<b>Rotation speed</b>	0-12 rpm(adjustable)
<b>Horizontal arm</b>	<b>Horizontal moving distance</b>	150mm
	<b>Probe moving speed</b>	0.5-6mm/s (adjustable)
<b>Sensor</b>	<b>Range</b>	500 $\mu\text{m}$
	<b>Resolution</b>	0.005 $\mu\text{m}$
	<b>Stylus</b>	Ø2mm ruby ball
	<b>Measuring force</b>	1-12g
<b>Air source</b>		0.45-0.80Mpa
<b>Air consumption</b>		0.2m <sup>3</sup> /min
<b>Power supply</b>		110~220V
<b>Dimension</b>		920x530x1600mm

**INCLUDED ACCESSORIES**

<b>Main unit</b>	1pc
<b>Stage</b>	1pc
<b>Precision chuck</b>	1pc
<b>Standard ball</b>	1pc
<b>Standard elliptical part</b>	1pc
<b>Probe</b>	1pc

**OPTIONAL ACCESSORIES**

<b>Computer</b>	1pc
<b>Printer</b>	1pc
<b>Anti-dust cover</b>	1pc