

Standard CNC CMM CRYSTA-Apex V1200/1600/2000 Series

- The **CRYSTA-Apex V1200/1600/2000** Series are large-sized CNC CMMs developed for supporting quality evaluation of large parts.
- The temperature compensation system supplied as standard can deliver accuracy across a wide temperature range of 16 to 26 °C.



CRYSTA-Apex V122010



CRYSTA-Apex V162012

SPECIFICATIONS

Model		CRYSTA-Apex V121210	CRYSTA-Apex V122010	CRYSTA-Apex V123010
Measuring range	X axis	1200 mm		
	Y axis	1200 mm	2000 mm	3000 mm
	Z axis	1000 mm		

Model		CRYSTA-Apex V 162012	CRYSTA-Apex V 162016	CRYSTA-Apex V 163012	CRYSTA-Apex V 163016	CRYSTA-Apex V 164012	CRYSTA-Apex V 164016
Measuring range	X axis	1600 mm					
	Y axis	2000 mm		3000 mm		4000 mm	
	Z axis	1200 mm	1600 mm	1200 mm	1600 mm	1200 mm	1600 mm

Model		CRYSTA-Apex V203016	CRYSTA-Apex V204016
Measuring range	X axis	2000 mm	
	Y axis	3000 mm	4000 mm
	Z axis	1600 mm	

Note: While the appearance of the natural stone measuring table varies according to the source, the high stability for which this material is known can always be relied upon.

CRYSTA-Apex V Series Accuracy

Unit: μm

Series	Probe used	Length measurement error *1 ISO 10360-2: 2009
1200 Series	SP25M	$E_0, MPE = 2.3 + 3L/1000^{*2}$
1600 Series		$E_0, MPE = 3.3 + 4.5L/1000 (4.5 + 5.5L/1000)^{*2 *3}$
2000 Series		$E_0, MPE = 4.5 + 8L/1000^{*2}$

*1 Specifications vary by configuration, size, and thermal environment.

*2 L = Measuring length (unit: mm)

*3 () indicates Z: 1600 mm specification