

Standard CNC CMM CRYSTA-Apex V500/700/900 Series

- The **CRYSTA-Apex V500/700/900** Series, CNC CMMs deliver high accuracy (1.7 µm), high speed, and high acceleration. This series includes models suitable for small- to medium-sized workpieces.
- The temperature compensation system supplied as standard can deliver accuracy across a wide temperature range of 16 to 26 °C.



CRYSTA-Apex V574



CRYSTA-Apex V776



CRYSTA-Apex V9106



The PH20 5-axis control touch-trigger probe is available. Excludes CRYSTA-Apex V9108, CRYSTA-Apex V9168 and CRYSTA-Apex V9208.

SPECIFICATIONS

Items		Model	CRYSTA-Apex V544	CRYSTA-Apex V574	CRYSTA-Apex V776	CRYSTA-Apex V7106
Measuring range	X axis		500 mm		700 mm	
	Y axis		400 mm	700 mm	700 mm	1000 mm
	Z axis		400 mm		600 mm	

Items		Model	CRYSTA-Apex V 9106	CRYSTA-Apex V 9108	CRYSTA-Apex V 9166	CRYSTA-Apex V 9168	CRYSTA-Apex V 9206	CRYSTA-Apex V 9208
Measuring range	X axis		900 mm					
	Y axis		1000 mm		1600 mm		2000 mm	
	Z axis		600 mm	800 mm	600 mm	800 mm	600 mm	800 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
500/700/900 Series	SP25M	$E_0, MPE = 1.7 + 3L/1000^{*2}$

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

*2 L = Measuring length (unit: mm)



Refer to the **CRYSTA-Apex V Series Brochure (E16026)** for more details.