

High performance CNC Coordinate Measuring System



Manufacturer:	Mitutoyo
Model:	CRYSTA-APEX S7106
Measuring range	X= 700 mm, Y= 1000 mm, Z= 600 mm
Operating Speed	519 mm/sec
Temperature compensation Standard	(16 to 20 degree Celsius)
Accuracy:	$E_o, MPE = (1.7 + 3L/1000) \mu m$ (at 19 to 21 degree Celsius)
Resolution	0.1 μm

Probes/Sensors

High precision continuous scanning probe, SP25M
Motorized indexing probe head, PH10MQ

Software's

MCOSMOS-1 for geometric measurement
CAT1000P for CAD based part programming
CAT1000S for 3D freeform surface evaluation
SCANPAK for 2D contour evaluation