



CRYSTA-Apex V164016

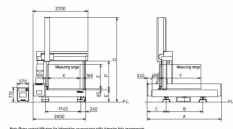
Item number: 191-857H

Images

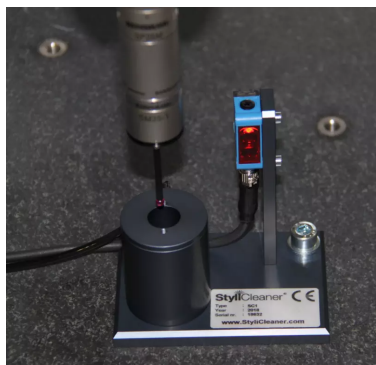
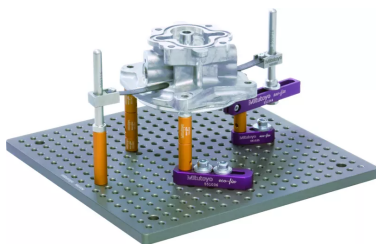
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External dimensions

CRYSTA-Apex V1600 Series



Model	CYSA-Ages V162012	CYSA-Ages V162015	CYSA-Ages V164015	CYSA-Ages V162016	CYSA-Ages V162015	CYSA-Ages V164015
X				1000		
Y	2000	8000	4000		3000	4000
Z		1200			1000	
A	3500	4800	5000	3000	4000	5000
B	1800	2400	1600		2400	1000
C	340	1000	800	500	1000	800
D	4100		4100		4000	4000
E	600				600	600
F		14000				



Description

The CRYSTA-Apex V1200, 1600 & 2000 series offers you up to 12,8m³ measuring volume and still keeps an excellent 4,5 µm accuracy or better.

This series is developed for supporting quality evaluation of volumetric parts. This high performance, cost effective coordinate measuring machine, designed and constructed according to Mitutoyo's extensive experience in CNC CMM technology.

Ready for touch trigger probe, scanning probe, optical probe and laser scanner probe.

Main benefits:

- Proven lightweight bridge-type construction with high rigidity air-bearings on every axis
- High accuracy, high speed and high acceleration
- Temperature sensors for compensation of machine and workpiece from 16° to 24°C and monitoring of the environmental temperature.
- ABS linear scales provide high environmental resistance and saves time at start-up as homing is not necessary
- UC480 controller supporting Multi-sensor and SMS functionality (Smart Measuring System)

Specification

Model:	CRYSTA-Apex V164016
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Range:	1600 x 4000 x 1600 mm
Accuracy:	E0, MPE from: (3,3+0,45L/100) µm
Max. drive speed:	693 mm/s (3-axis)
Model:	CRYSTA-Apex V 164016
Loading Weight:	4,500 kg
Loading Height:	1,800 mm
Digital step:	0.1 µm