



CRYSTA-Apex V162012

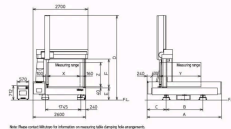
Item number: 191-849

Images

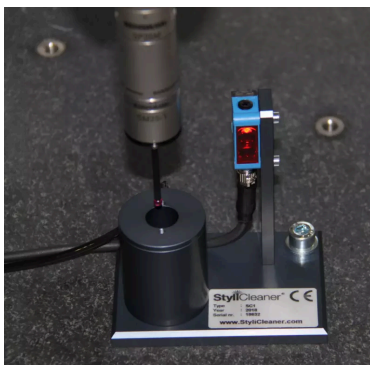
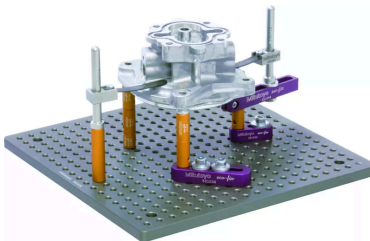
[illegible]

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		4000		2000	4000
Z		1200			1000	
A	3650	4850	5650	3650	4850	5650
B	1400	2400	1400	1400	2400	1400
C	340	1600	340	340	1300	340
D	4100		4100		4000	4000
E	600				600	600
F		1400				600



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 V162012
Model:	CRYSTA-Apex V 162012
Range:	1600 x 2000 x 1200 mm
Accuracy:	E0, MPE from: (3,3+0,45L/100) µm
Max. drive speed:	693 mm/s (3-axis)
Model:	CRYSTA-Apex V 162012
Digital step:	0.1 µm