



## CRYSTA-Apex V163012

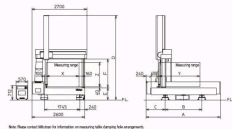
Item number: 191-854

**Images**

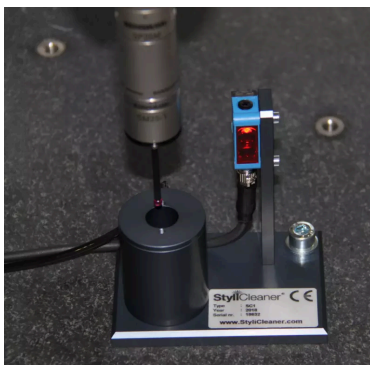
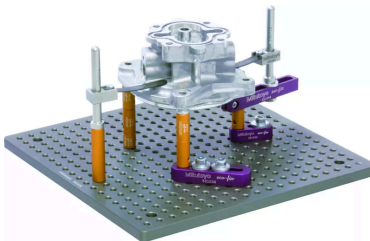
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### External dimensions

CRYSTA-Apex V1600 Series



Model	CYSA-Ages Y162012	CYSA-Ages Y162015	CYSA-Ages Y164015	CYSA-Ages Y162016	CYSA-Ages Y162015	CYSA-Ages Y164015
X				1000		
Y	2000		4000		2000	4000
Z		1200			1000	
A	3650	4850	5650	3650	4850	5650
B	1400	2400	1600	1400	2400	1600
C	940	1500	800	940	1500	800
D	4100		4100		4100	4100
E	600			600		600
F		1400				650



### 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**

<b>Model:</b>	CRYSTA-Apex V163012
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<b>Range:</b>	1600 x 3000 x 1200 mm
<b>Accuracy:</b>	E0, MPE from: (3,3+0,45L/100) µm
<b>Max. drive speed:</b>	693 mm/s (3-axis)
<b>Model:</b>	CRYSTA-Apex V 163012
<b>Digital step:</b>	0.1 µm