



CRYSTA-Apex V162016

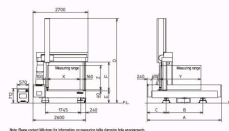
Item number: 191-848H

Images

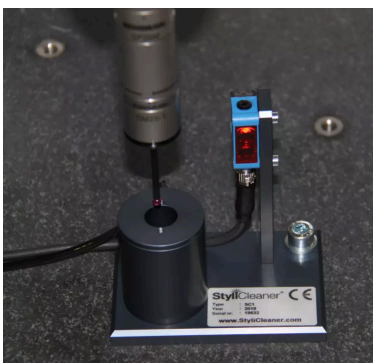
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External dimensions

CRYSTA-Apex V1600 Series



Model	CPFS-Apes V15212	CPFS-Apes V15212	CPFS-Apes V15212	CPFS-Apes V15215	CPFS-Apes V15215	CPFS-Apes V15215
X			1600			
Y	2000	2000	4000	2000	2000	4000
Z		1000			5000	
A	3050	4050	5050	3050	4050	5050
B	1800	2640	3800	1800	2640	3800
C	940	1512	540	940	1512	540
D		4160	2180		4040	2090
E	600		650		600	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

Model:	CRYSTA-Apex V162016
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Range:	1600 x 2000 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 162016
Loading Weight:	3,000 kg
Loading Height:	1,800 mm
Digital step:	0.1 µm