



CRYSTA-Apex V164012

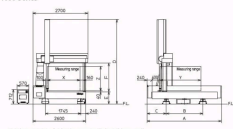
Item number: 191-857

Images

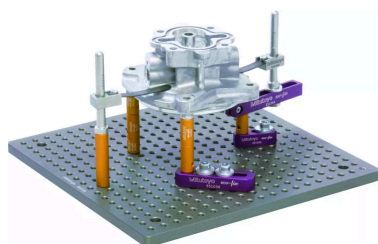
[illegible]

External dimensions

CRYSTA-Apex V1600 Series



Model	CY15A-Apes V152012	CY15A-Apes V152012	CY15A-Apes V152012	CY15A-Apes V152012	CY15A-Apes V152012	CY15A-Apes V152012
X			5000			
Y	2000	3000	4000	2000	3000	4000
Z	1200				5000	
A	2050	4050	5050	3050	4050	5050
B	1800	2800	3800	1800	2840	3800
C	940	1520	240	140	5320	540
D		4160	2180		4340	2260
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 V164012
Model:	CRYSTA-Apex V 164012
Range:	1600 x 4000 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 164012
Loading Weight:	4,500 kg
Loading Height:	1,400 mm
Digital step:	0.1 µm