



CRYSTA-Apex V163012

Item number: 191-853

Images

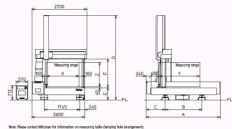


Activity	Phase	SPSM	SPF1/SPF2	SPM ¹	SPM ²
Field collection	Phase 1	SPS1	SPF1	SPM1	SPM2
	Phase 2	SPS2	SPF2	SPM1	SPM2
Sample analysis	Phase 1	SPS1	SPF1	SPM1	SPM2
Sample measurement	Phase 1	SPS1	SPF1	SPM1	SPM2
Sample measurement	Phase 2	SPS2	SPF2	SPM1	SPM2
Sample measurement	Phase 3	SPS3	SPF3	SPM1	SPM2
Sample measurement	Phase 4	SPS4	SPF4	SPM1	SPM2
Sample measurement	Phase 5	SPS5	SPF5	SPM1	SPM2
Sample measurement	Phase 6	SPS6	SPF6	SPM1	SPM2
Sample measurement	Phase 7	SPS7	SPF7	SPM1	SPM2
Sample measurement	Phase 8	SPS8	SPF8	SPM1	SPM2
Sample measurement	Phase 9	SPS9	SPF9	SPM1	SPM2
Sample measurement	Phase 10	SPS10	SPF10	SPM1	SPM2
Sample measurement	Phase 11	SPS11	SPF11	SPM1	SPM2
Sample measurement	Phase 12	SPS12	SPF12	SPM1	SPM2
Sample measurement	Phase 13	SPS13	SPF13	SPM1	SPM2
Sample measurement	Phase 14	SPS14	SPF14	SPM1	SPM2
Sample measurement	Phase 15	SPS15	SPF15	SPM1	SPM2
Sample measurement	Phase 16	SPS16	SPF16	SPM1	SPM2
Sample measurement	Phase 17	SPS17	SPF17	SPM1	SPM2
Sample measurement	Phase 18	SPS18	SPF18	SPM1	SPM2
Sample measurement	Phase 19	SPS19	SPF19	SPM1	SPM2
Sample measurement	Phase 20	SPS20	SPF20	SPM1	SPM2
Sample measurement	Phase 21	SPS21	SPF21	SPM1	SPM2
Sample measurement	Phase 22	SPS22	SPF22	SPM1	SPM2
Sample measurement	Phase 23	SPS23	SPF23	SPM1	SPM2
Sample measurement	Phase 24	SPS24	SPF24	SPM1	SPM2
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Sample measurement	Phase 67	SPS67	SPF67	SPM1	SPM2
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Sample measurement	Phase 69	SPS69	SPF69	SPM1	SPM2
Sample measurement	Phase 70	SPS7			

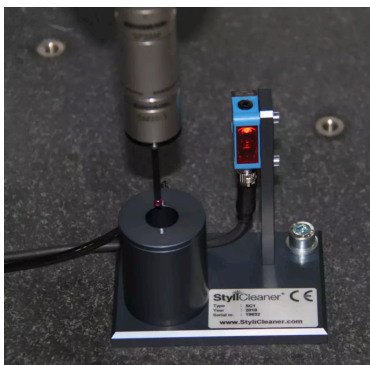
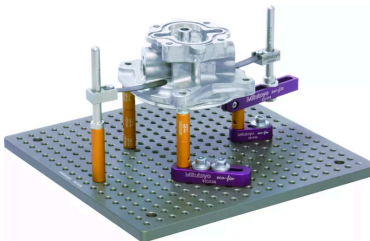
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External dimensions

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		4000		2000	4000
Z		1200			1000	
A	3650	4850	5650	3650	4850	5650
B	1400	2400	1600	1400	2400	1600
C	340	1600	340	340	1302	340
D	410		2190		840	2090
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

Model:	CRYSTA-Apex V163012
Model:	CRYSTA-Apex V 163012
Range:	1600 x 3000 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 163012
Loading Weight:	3,500 kg
Loading Height:	1,400 mm
Digital step:	0.1 µm