



CRYSTA-Apex V164016

Item number: 191-858H

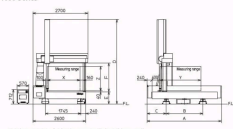
Images



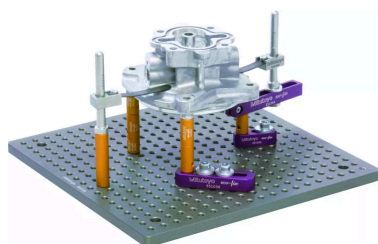
Accuracy		Price	SF3M	MP3112L	LM90 ¹	TP900
Probe configuration	Media	Device	±0.1°C	±0.1°C	±0.1°C	±0.0004°C/0.001°C
Zinc measurement range (°C)						
Temperature measurement 1	1	1	1200	1200	1200	1200
Temperature measurement 2	2	2	1200	1200	1200	1200
Temperature measurement 3	3	3	1200	1200	1200	1200
Temperature measurement 4	4	4	1200	1200	1200	1200
Temperature measurement 5	5	5	1200	1200	1200	1200
Temperature measurement 6	6	6	1200	1200	1200	1200
Temperature measurement 7	7	7	1200	1200	1200	1200
Temperature measurement 8	8	8	1200	1200	1200	1200
Temperature measurement 9	9	9	1200	1200	1200	1200
Temperature measurement 10	10	10	1200	1200	1200	1200
Temperature measurement 11	11	11	1200	1200	1200	1200
Temperature measurement 12	12	12	1200	1200	1200	1200
Temperature measurement 13	13	13	1200	1200	1200	1200
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Temperature measurement 17	17	17	1200	1200	1200	1200
Temperature measurement 18	18	18	1200	1200	1200	1200
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Temperature measurement 20	20	20	1200	1200	1200	1200
Temperature measurement 21	21	21	1200	1200	1200	1200
Temperature measurement 22	22	22	1200	1200	1200	1200
Temperature measurement 23	23	23	1200	1200	1200	1200
Temperature measurement 24	24	24	1200	1200	1200	1200
Temperature measurement 25	25	25	1200	1200	1200	1200
Temperature measurement 26	26	26	1200	1200	1200	1200
Temperature measurement 27	27	27	1200	1200	1200	1200
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Temperature measurement 33	33	33	1200	1200	1200	1200
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Temperature measurement 35	35	35	1200	1200	1200	1200
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Temperature measurement 72	72	72	1200	1200	1200	1200
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Temperature measurement 85	85	85	1200	1200	1200	1200
Temperature measurement 86	86	86	1200	1200	1200	1200
Temperature measurement 87	87	87	1200	1200	1200	1200
Temperature measurement 88	88	88	1200	1200	1200	1200
Temperature measurement 89	89	89	1200	1200	1200	1200
Temperature measurement 90	90	90	1200	1200	1200	1200
Temperature measurement 91	91	91	1200	1200	1200	1200
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Temperature measurement 94	94	94	1200	1200	1200	1200
Temperature measurement 95	95	95	1200	1200	1200	1200
Temperature measurement 96	96	96	1200	1200	1200	1200
Temperature measurement 97	97	97	1200	1200	1200	1200
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Temperature measurement 99	99	99	1200	1200	1200	1200
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Temperature measurement 108	108	108	1200	1200	1200	1200
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Temperature measurement 113	113	113	1200	1200	1200	1200
Temperature measurement 114	114	114	1200	1200	1200	1200
Temperature measurement 115	115	115	1200	1200	1200	1200
Temperature measurement 116	116	116	1200	1200	1200	1200
Temperature measurement 117	117	117	1200	1200	1200	1200
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Temperature measurement 119	119	119	1200	1200	1200	1200
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Temperature measurement 159	159	159	1200	1200	1200	1200
Temperature measurement 160	160	160	1200	1200	1200	1200
Temperature measurement 161	161	161	1200	1200	1200	1200
Temperature measurement 162	162	162	1200	1200	1200	1200
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Temperature measurement 164	164	164	1200	1200	1200	1200
Temperature measurement 165	165	165	1200	1200	1200	1200
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Temperature measurement 176	176	176	1200	1200	1200	1200
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Temperature measurement 178	178	178	1200	1200	1200	1200
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Temperature measurement 180	180	180	1200	1200	1200	1200
Temperature measurement 181	181	181	1200	1200	1200	1200
Temperature measurement 182	182	182	1200	1200	1200	1200
Temperature measurement 183	183	183	1200	1200	1200	1200
Temperature measurement 184	184	184	1200	1200	1200	1200
Temperature measurement 185	185	185	1200	1200	1200	1200
Temperature measurement 186	186	186	1200	1200	1200	1200
Temperature measurement 187	187	187	1200	1200	1200	1200
Temperature measurement 188	188	1				

External dimensions

CRYSTA-Apex V1600 Series



Model	CY15A-Apes V152121	CY15A-Apes V152112	CY15A-Apes V152102	CY15A-Apes V152101	CY15A-Apes V152101	CY15A-Apes V152101
X				500		
Y	2000	3000	4000		2000	4000
Z		1200				500
A	2050	4050	5050	3050	4050	5050
B	1800	2600	3800	1800	2640	3800
C	940	1520	240	140	520	940
D		4160	2180		4160	2180
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 V164016
Model:	CRYSTA-Apex V 164016
Range:	1600 x 4000 x 1600 mm
Accuracy:	E0, MPE from: (3,3+0,45L/100) µm
Max. drive speed:	693 mm/s (3-axis)
Digital step:	0.1 µm