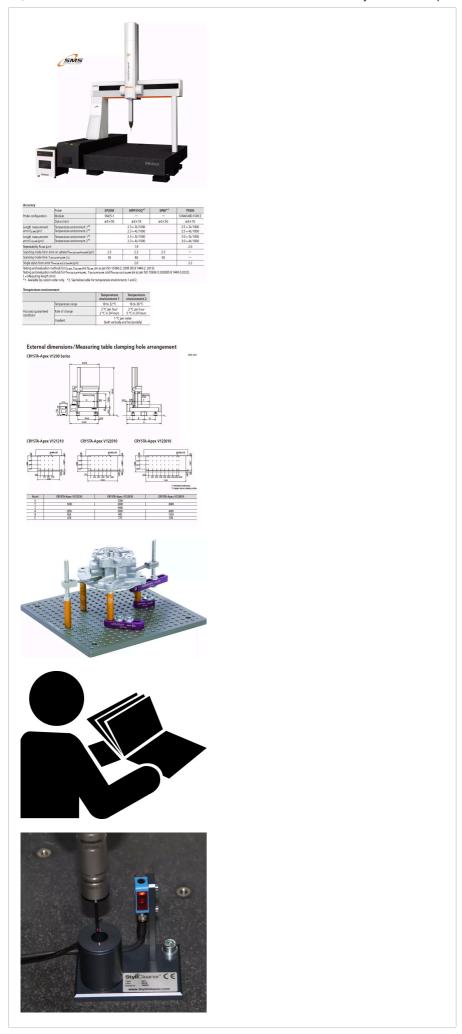


## **CRYSTA-Apex V123010**

Item number: 191-491

**Images** 



## Description

The CRYSTA-Apex V1200, 1600 & 2000 series offers you up to  $12,8m^3$  measuring volume and still keeps an excellent  $4,5~\mu m$  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 V123010
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Range:	1200 x 3000 x 1000 mm
Accuracy:	E0, MPE from: V1200 (2,3+3L/1000) μm E0, MPE from: V1600 & V2000 (3,3+4,5L/1000) μm
Max. drive speed:	693 mm/s (3-axis)
Model:	CRYSTA-Apex V123010
Loading Weight:	3,000 kg
Loading Height:	1,000 mm
Digital step:	0.1 μm