



CNC CMM, STRATO-Apex 162012

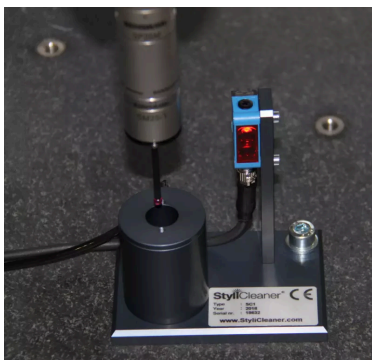
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Images



Accuracy is specified for the following environmental conditions for the CMM:

Temperature range	18°C - 22°C
Temperature change	Per hour 1 K
	Per 24 hours 2 K
Temperature gradient	Vertical 1 K/m
	Horizontal 1 K/m



Description

High precision large size bridge type CNC CMM, designed to provide top scanning performance with high accuracy, ready for touch trigger probe, scanning probe, optical probe, laser scanner probe.

Main benefits:

- Improved structural rigidity bridge type construction with compensation technology
- High accuracy, speed and acceleration
- Temperature sensors for compensation of machine and workpiece from 18° to 22°C and monitoring of the environmental temperature
- High precision ABS linear scales provide high environmental resistance and saves time at start-up as homing is not necessary, resolution 0.05 µm
- Integrated vibration-damping units with auto-levelling air springs
- Granite working table with M8 threads
- UC480 controller supporting Multi-sensor and SMS functionality (Smart Measuring System)

Specification

Model:	162012
Range:	1600 x 2000 x 1200 mm
Accuracy:	E0, MPE from: (2,5+0,4L/100) µm
Max. drive speed:	606 mm/s (3-axis)
Loading Weight:	3,500 kg
Loading Height:	1,350 mm
Digital step:	0.05 µm