



STRATO-Apex 776 CNC CMM

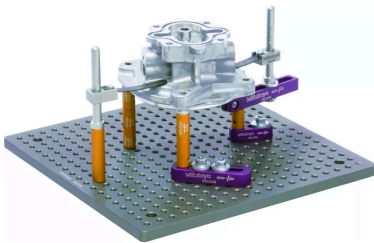
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Images



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

Temperature range	Series 500: 18°C - 22°C	Series 700/900: 19°C - 21°C
Temperature change	Per hour	1°C
	Per 24 hours	2°C
Temperature gradient	Vertical	1°C/m
	Horizontal	1°C/m



Description

The challenges for measurement equipment are rising. Products are continuously improving as a result the lifetime of products is increasing while their energy consumption is reduced. Additionally, the throughput of production is driven up. All these facts must be taken into account for your measuring equipment. With the STRATO-Apex CMM, Mitutoyo offers you the opportunity to match both: precision and velocity.

This high accuracy CNC coordinate measuring machine that allows you to get accurate results at lightning speed.

Main benefits:

- High measurement accuracy and high-speed motion
- High-performance scanning
- Ultra high precision scales on each axis, resolution 0,02 µm
- Temperature sensors for monitoring of the environmental temperature and compensation of machine and workpiece

- Anti-vibration system reduces the impact of nearby vibration sources (optional for 574)
- Multi-sensors capability
- UC480 controller supporting Multi-sensor and SMS functionality (Smart Measuring System)

Specification

Model:	STRATO-Apex 776
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Range:	700 x 700 x 600 mm
Accuracy:	E0, MPE from: (0,7+2,5/1000) µm
Max. drive speed:	519 mm/s (3-axis)
Digital step:	500/700/900: 0,02 µm