



3D Coordinate Measuring Machine

Machine Specification

Make & Model	: Zeiss Contura G2
Controller	: Zeiss

Technical Specification

X- Axis Travel	: 700 mm
Y- Axis Travel	: 1000 mm
Z -Axis Travel	: 600 mm
Max Permissible work piece weight	: 730 kg
Relative Humidity	: 30 to 60% (without condensation)
Accuracy	: $1.8 + L/300$
Scanning Speed	: max. 125 mm/s

Measurement results with high accuracy are particularly important for quality assurance. The Zeiss make CMM, is a Bridge type having precise probe system that coincides with high measuring speed. Some key features of machines are:

Designed for measuring deep features, self-centering, displaced conditions such as reference systems or position errors, and high throughput needs.

ZEISS Active Scanning with VAST XT for multi-point measurement of size, form, and position.

HTG (High Temperature Gradient) for a larger temperature range (18-26 C) with the same measuring uncertainty. Features temperature sensors for the workpiece.

It is coupled with an outstanding scanning technology, ZEISS CALYPSO reference software which can create complete CNC measurement plans at a remote computer station.