

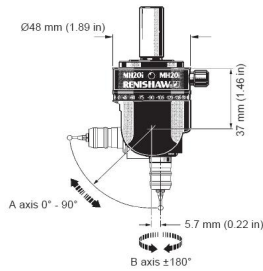
1) Retrofitted Used PcMM DCC CMM

Although this used CMM was previously owned, it has been completely over-hauled & upgraded by Helmel Engineer from USA. Our rebuild program installed new DCC electronics, motion controller and joystick plus the latest computer system with Geomet101 software.

Machine Configuration:

Measuring Range: **X= 20" (500 mm)**
Y= 30" (750 mm)
Z= 16" (400mm)
 Resolution: **0.001mm**
 Linear Accuracy: **4.5 µm + L/150 µm (L in mm)**
 Volumetric Accuracy: **0.011 um per ANSI B89.1.12-1998**

- Granite worktable
- Precision bearings
- Non-contact Linear Motors
- Hardened and ground ways
- Electronic touch probe interface
- Pentium computer system
- Geomet 101 user guide
- 3/8"-16 Clamping inserts
- USB computer interface connection
- Delta Tau Motion Controller
- Custom key labels
- Calibration sphere
- Full range of Renishaw Manual Probes



GEOMET 101:

Geomet 101, our most popular software level, offers great flexibility for inspecting parts in the lab or on the production floor. The graphical area on the right hand side of the screen generates a CAD representation of the measured features, serves as a visual guide for part programs and as a link to CAD data.

Programs are made in the self-teach mode or with off-line programming tools and editing is easy and efficient. Geomet 101 includes Surface Digitizing, GD&T Tolerancing and other high level functions, yet unskilled users can still verify a dimension with a single keystroke. The GeoPlus option offers enhancements to 101 that expand the areas of feature measurement and analysis, constructions, reporting and other special functions for yet increased power.

