Coordinate Measuring Machine (CMM)

Global Performance Coordinate Measuring machine (CMM) is an instrument for measuring the physical geometrical characteristics of an object and may be manually controlled by an operator or it may be computer controlled. Global Performance comes standard with a touch-trigger probe, temperature compensation, as well as advanced software with CAD capability. The Performance also has the added benefit of being easily upgraded to accommodate a variety of contact and non-contact scanning sensors.

LABORATORY FACILITY

Global Performance 7.10.7
Features and Capabilities:

• **Indexing probe heads** for easy access to common features and improved throughout by avoiding rack tool changes for different orientations.

• **Fixed probe heads** for accessibility into deep features that cannot be reached with indexing probe heads.

• **A wide variety of data collection modes** including tactile scanning of geometric and freeform features, non-contact laser scanning, optical imaging and point-to-point measurement.

PC-DMIS V4.2 for WINDOWS Metrology Software

• **PC-DMIS** software can measure everything from simple prismatic parts to complex contoured surfaces with speed, efficiency and accuracy.

• **Intuitive Graphic User Interface without CAD**

• **COM Architecture**

• **Customisable Menus**

• **PTB Certified Algorithms**

• **Full Suite of Customisable Reporting Tools**

• **Supports Over 10,000 Inspective Routines**

• **Full Programming Environment including High Level Programming Functions**

APPLICATIONS

• **Dimensional measurement (tolerance up to 19um)**

• **Profile measurement**

• **Angularity or orientation measurement**

• **Depth mapping**

• **Digitizing or imaging**

• **Shaft measurement**

• **Reverse engineering**