

ITP Group Consul Top Mount System CMM

Affordable, Entry Level Coordinate Measurement

Rigid and robust in design, the ITP Group Consul Top Mount System CMM is suitable for measurement and marking out, and is ideal for the inspection of automotive body panels, manipulated tube and styling applications. The Consul Top Mount System CMM can also be fitted to existing surface tables, and is available with either manual or CNC control.

- Fabricated Steel Construction
- Mechanical Bearings & Hardened Ways
- Mechanical Counter Balance
- Manual Deva Or CNC Control
- Ideal For Cast / Fabricated / Moulded Components & Manipulated Tube
- PC Workstation
- Available With All Standard Geometric & Surface Measurement Software



Specification

Measuring Range

- X Axis 1000mm – 6000mm
- Y Axis 500mm – 1500mm
- Z Axis 500mm – 2000mm

Typical Accuracy

- U1 = 20+L/100
- U3 = 30+L/50

Control System

- Manual Deva
- 32 Bit CNC controller with DC brushless motors

Probe System

- Renishaw PH6, PH10, MH8, MH20i

Typical PC Specification

- Windows XP
- 512MB Ram
- 64MB Graphics Card
- CD ROM
- 17" TFT Monitor
- Epson C86 Printer

Software Packages Available

- Axel Foundation
 - Axel Surface Inspection
 - Axel CNC Visual Programming
 - Axel Pipe Wizard
- ITP WinDRO
- Metrologic

For a full quotation contact ITP Group, Tel +44(0) 1788 570 357 or email itp@itpgroup.co.uk.



Side Mount CMM

- The ITP Group Consul Side Mount System CMM is suitable for inspection room or shop-floor use and is ideal for the inspection of machined / cast / moulded components and manipulated tube. Its unit construction design allows variable measuring ranges.
- X Axis = 1000mm – 6000mm
- Y Axis = 500mm – 1500mm
- Z Axis = 500mm – 2000mm



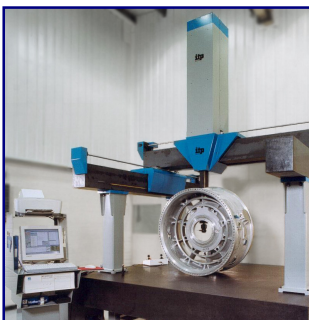
Twin Column CMM

- Suitable for general measurement, but also used in scanning and milling applications for automotive styling, the Twin Column CMM System is the most cost effective solution for multi-purpose design applications.
- X Axis = 3000mm – Requirements
- Y Axis = 2000mm – 4000mm
- Z Axis = 1500mm – 5000mm



Track Mounted CMM

- Suitable for harsh or shop-floor environments, the ITP Group Track Mount CMM is available in single or multiple column configurations. Ideal for large parts, it makes maximum use of space where constraints are an issue, and is suitable for both measurement and milling.
- X Axis = 1000mm – Requirements
- Y Axis = 500mm – 2000mm
- Z Axis = 500mm – 5000mm



Moving Beam CMM

- Probably the most accurate coordinate measuring machine for the inspection of medium sized components and machined parts requiring close tolerance measurement, the ITP Group Moving Beam CMM is available in multiple size configurations and is fully CNC controlled.
- X Axis = 700mm – 2500mm
- Y Axis = 700mm – 3000mm
- Z Axis = 700mm – 1500mm



Gantry CMM

- The most accurate solution to three-axis inspection when large components require close tolerance measurement, the ITP Group Gantry CMM is also available with full milling capability.
- X Axis = 1500mm – 4000mm
- Y Axis = 1500mm – 12000mm
- Z Axis = 1000mm – 3000mm



Vision 2D CMM

- Suitable for the measurement of printed circuit boards, laser cut blanks, labels and gaskets, the ITP Group Vision 2D System CMM comes complete with a wide range of measurement software, and is available with either manual or CNC control.
- X Axis = 500mm – 2000mm
- Y Axis = 500mm – 2000mm