

## ITP Group Consul Side Mount System CMM

### Versatile, Complete Measuring Station

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 and moulded components. The Consul Side Mount System CMM is available with either manual or CNC control, and its unit construction design allows variable measuring ranges.

- 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 = 15+L/250
- U3 = 20+L/100

#### 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](mailto:itp@itpgroup.co.uk).



### Top Mount CMM

- 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.
- X Axis = 600mm – 6000mm
- Y Axis = 500mm – 1000mm
- Z Axis = 500mm – 1000mm



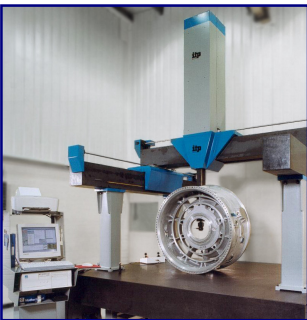
### Twin Column CMM

- 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