



STATUS Metrology

Coordinate Measuring Machines for half the price of new Micoval 454PFX Automatic Coordinate Measuring System



The system offered for sale is a fully refurbished CMM system and all wear and tear parts have been carefully inspected and where necessary exchanged.

Specification includes:

- Fully automatic Co-ordinate Measuring Machine ~ CMM
- **New** High Precision 3 axis Vector Control CMM Controller
- **New** Portable Single Joystick handbox
- Renishaw PH10T probe head & TP20 probe
- **New** PC, Colour Printer Package and operator Desk
- **New Pc-Dmis** Professional CMM Software
- Installation and Calibration
- 12 Months warranty on all new parts, 6 months warranty on all 2nd user parts

Measuring Range: X = 458 mm x Y = 510 mm x Z = 406 mm

Performance Data: Vol U3 = 4 + 4L/1000 [μ m]

Footprint of the Machine: Length = 914mm x Width = 979mm x Height = 2413mm

N.B. Delivery: within UK £350.00 or within Ireland £1,500.00

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CMM Software

PC DMIS Geometry Measuring Software for Windows™

PCDMIS control system software is an interactive graphical interface to create inspection programs (directly or through a CAD input file), digitize parts and perform reverse engineering tasks and can be linked to virtually any CAD system via standard protocols (IGES, DXF, DES, VDA-FS, ASCII etc).



PC-DMIS (Professional) Geometry and Measuring CMM Software provides advanced capabilities for example:

- User friendly MS Windows operating system
- Automatic Probe qualification
- Automatic Feature recognition – draws the part as you measure it
- Point/Line/Circle/Slot/Plane/Cylinder/Sphere & Cone measurement
- Multiple Datums and Alignment storage
- Comprehensive feature intersection and construction capabilities:
- Line:Line, Circle:Line, Plane:Plane, Plane:Cyl, Plane:Cone etc.
- Automatic CNC part program creation with full cut & paste edit facility
- Export to Excel & Word
- Graphical Output of Results as Standard
- Unique interactive 3D graphics engine
- Computer simulated CMM environment for off-line programming
- Powerful built-in analytical reporting capabilities
- Built-in intelligence automatically names features as they are measured
- Handling of 2D-3D wire frame and surfaced CAD files
- Techniques measuring geometry - Best Guess Algorithms
- Onscreen Graphical manipulation
- Clearance planes (DCC only)
- Feature orientated inspection
- User documentation (1 copy) supplied on CD
- see brochure for further details

