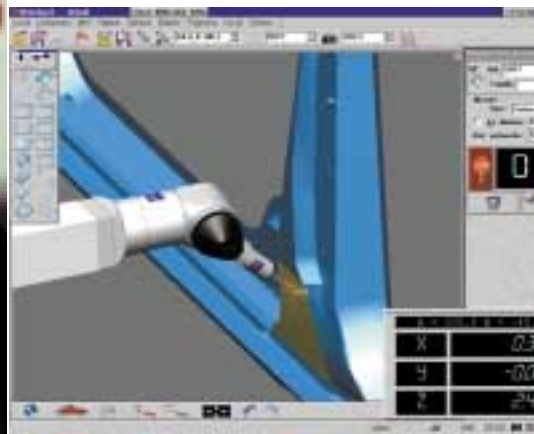


Metrolog II®. Click and Control.



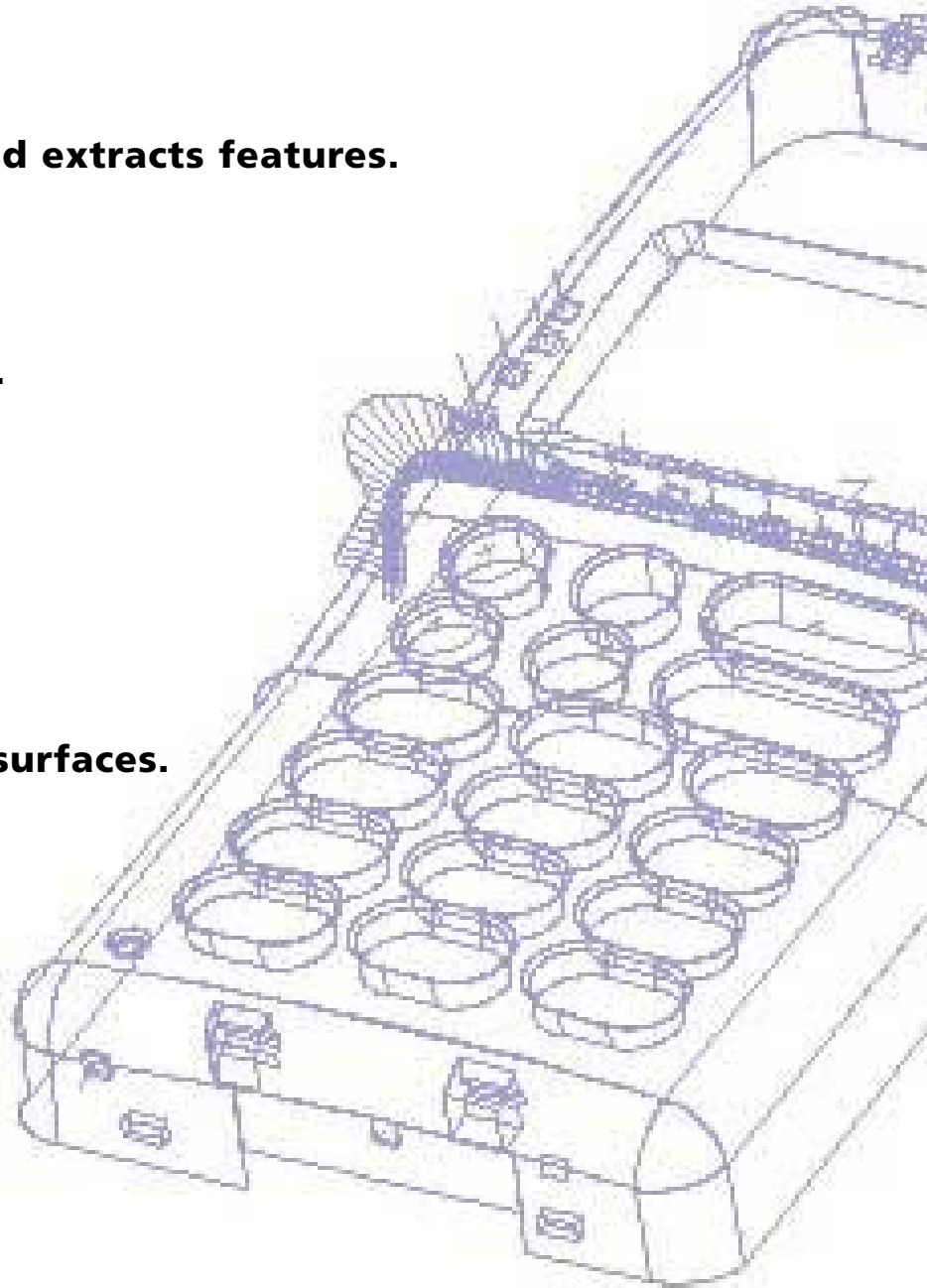
Metrolog II®



Metrolog II®.

The complete solution.

- ▶ **Metrolog II®** is a graphical, 3D measuring based software working on Windows.
- ▶ **Metrolog II®** imports CAD data and extracts features.
- ▶ **Metrolog II®** enables the creation of flexible protocols.
- ▶ **Metrolog II®** measures standard geometries.
- ▶ **Metrolog II®** measures free-form surfaces.
- ▶ **Metrolog II®** offers an integrated DMIS engine.



Metrolog II®.

The operator comes first.

With Metrolog II®, even complex measurement tasks are menu driven.

This automation saves measuring and reduces potential errors

Measurement programming made easy.

Metrolog II® minimizes the time-consuming process of aligning workpieces. With the ability to choose from many different alignment methods, you will always find the best and easiest routine to adjust your workpiece.

Off-line programming.

Metrolog II® moves all measurement programming off-line. For quality assurance, this means fewer down times and efficient use of your CMM.

Probe paths are graphically displayed to minimize collision errors.

Measuring programs can be opened and stored in both native DMIS format or *Metrolog II®* format. Program editing is easy to perform with simple cut, paste and copy functions. High level functions are available.

Easy-to-operate menus.

Clearly laid out menus help you to compile and operate measuring programs. Menu items are easily located. The configurable toolbar gives you the freedom to have your primary functions right on your desktop.

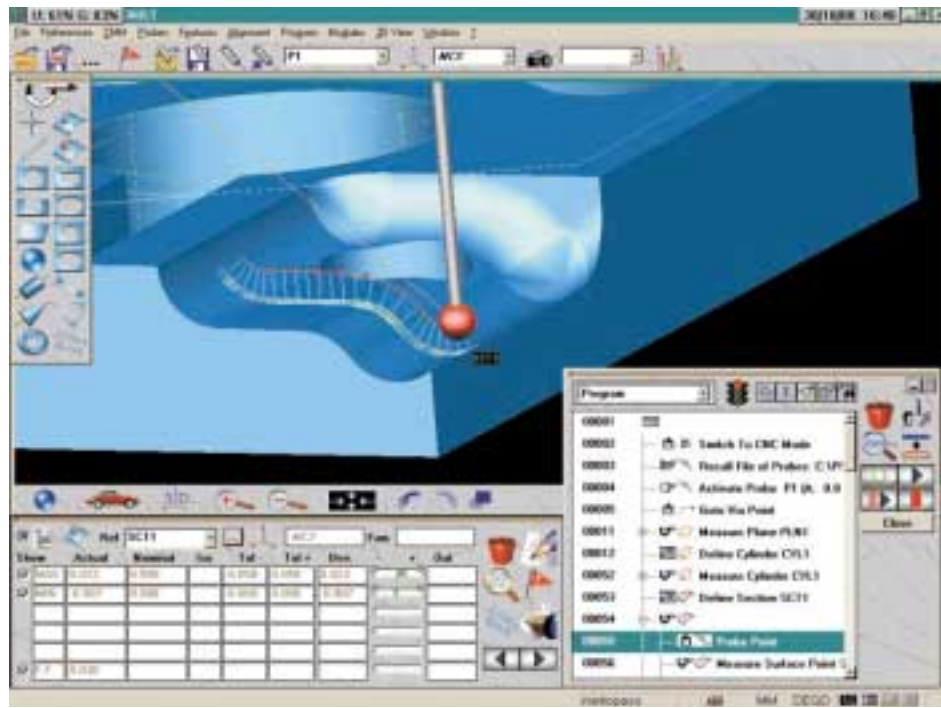
You can also limit menu items to the specific needs of operators (operator level). You can either choose from supervisor, programmer or operator.

Operating instructions and on-line support.

You simply press a button to get the contextual operating instructions with hypertext functionality and help functions. Training documentation and sample applications are also available to help users.

User-friendly graphics interface.

A click on the graphics displays the feature results instantly. Form, size and location of the measured feature are evaluated.



Metrolog II® Level II.

Making measurements easier.

Metrolog II® is your tool to measure all geometrical features.

It is designed for the real world, simplifying even complex programming procedures.

You save measuring and programming time.

Manual or CNC measurement.

Metrolog II® offers the possibility of performing single point or multiple point measurement on your manual or CNC CMM. Storing and recalling CNC measuring programs is easy with *Metrolog II®*. You can even run previously stored programs without any special setup.

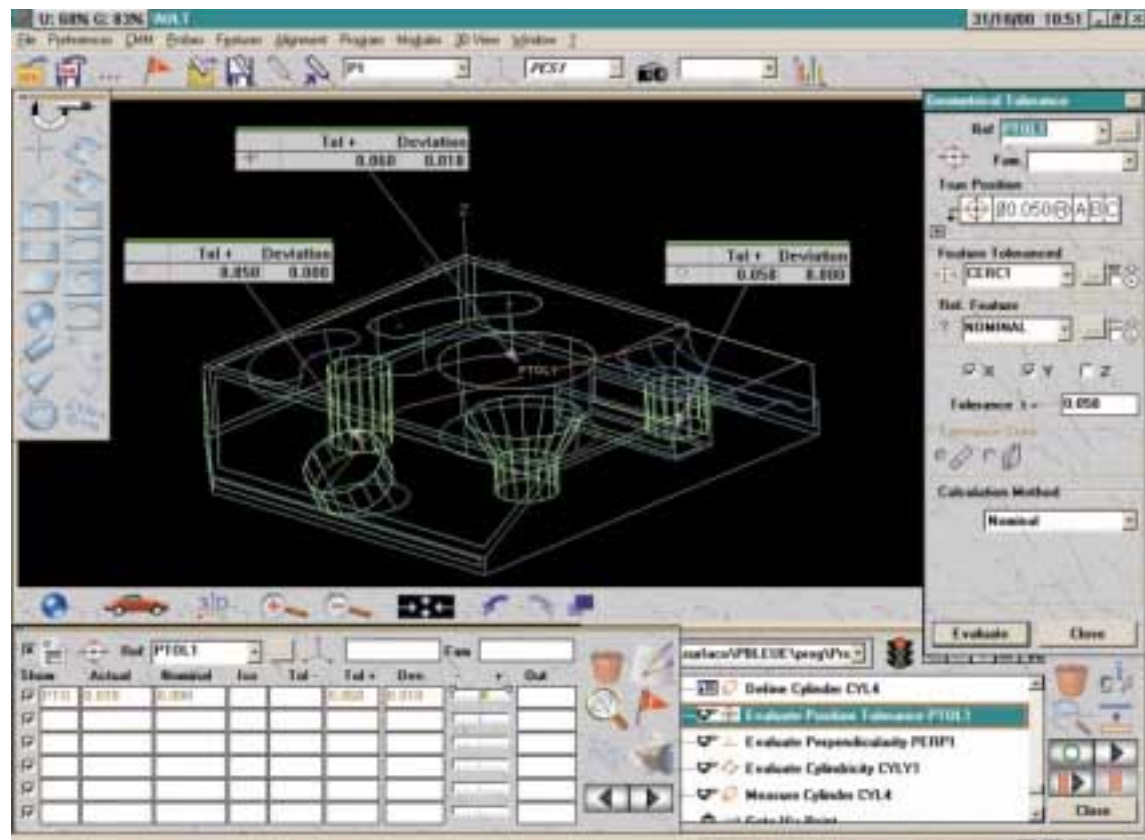
Complete solution for horizontal-arm CMMs.

Metrolog II® supports all types of horizontal-arm applications.

A wide range of peripherals such as touch trigger probes, articulating probes and automatic stylus changers is supported by *Metrolog II®*.

The integration of all functions and utilities into a single environment provides greater efficiency.

Metrolog II®
Making reporting easy, it provides a powerful editor for graphical, text or user-defined reports.

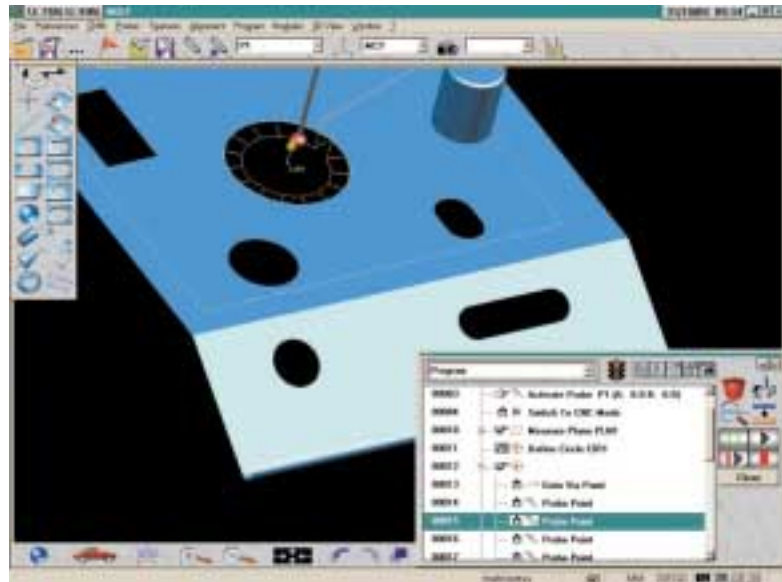


Programs made easy.

Metrolog II® automatically stores the individually measured points and features as a measuring program. A powerful graphical editor eliminates the time-consuming, frequently error-prone generation of the probe path required in conventional programming.

Metrolog II® has a simulation module: Graphical editing of the probe path simplifies and protects your part and CMM.

You can even execute subprogram calls in part programs without editing difficult programming code. The graphical display and real time movement of the machine and probe position simplifies the creation of the measuring program enormously.



Perfect reports.

Metrolog II® offers extensive features for evaluating and displaying measuring results. Create and attach customized stickers to individual features.

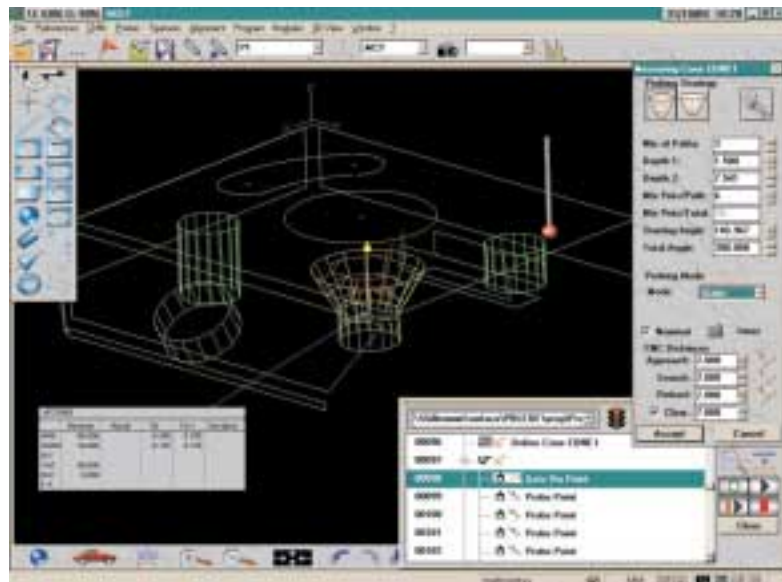
Design your measuring report the way you wanted it to appear. It can easily be generated with the powerful editor in the 3D graphics window to show text and graphic.

Metrolog II® includes a powerful module for GD & T evaluation.

Intelligent tools for your feature calculation.

Metrolog II® offers all types of geometrical constructions as well as calculation of angles and distances.

Constructions are displayed as graphics on the screen.



Metrolog II® Level IV. Free-form + prismatic measurement.

Metrolog II® measures free-form surfaces and standard geometries on manual or CNC coordinate measuring machines.

The complex programming sequences provided by conventional systems are available in Metrolog II® as automatic, easy-to-operate modules.

Correcting CAD data without involving your design department.

Metrolog II® operates with standard interface formats such as IGES, VDAFS, SET or STEP, as well as native formats such as CATIA, UNISURF and UNIGRAPHICS.

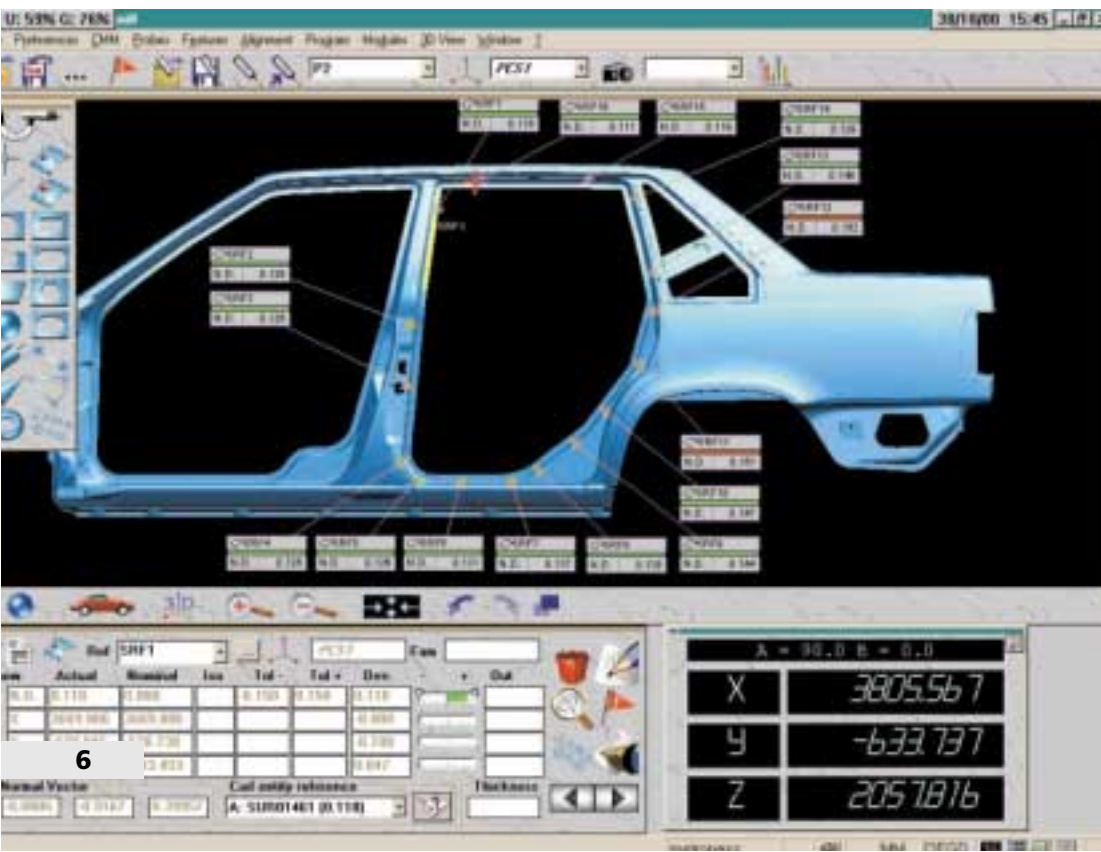
You can import workpiece data directly from your production or design department and use it to generate measuring programs.

The integrated CAD interface handles all different types of CAD surface descriptions such as Bezier, NURBS and B-Spline.

Metrolog II® utilizes CAD data with its layer structure. Existing surface elements can be deleted, masked, rotated, reversed and displayed on all layers provided by your CAD system.

Edit the CAD data to meet requirements.

With Metrolog II® existing CAD data can be used for your measuring task.





Work directly with CAD data.

From 3D graphical rendering to real time image processing of the rendered model, *Metrolog II*® is a powerful tool. Use your CAD data to analyze the difference between nominal and actual surface data points. Translate, rotate and mirror your CAD data to meet the measurement requirements.

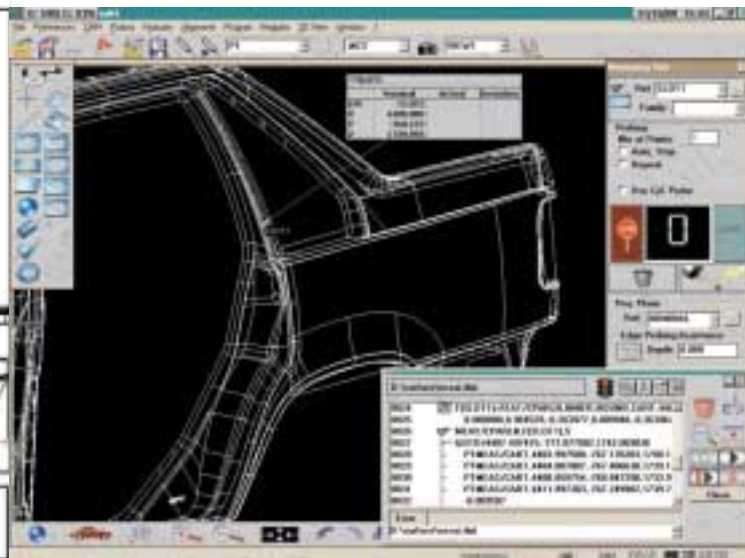
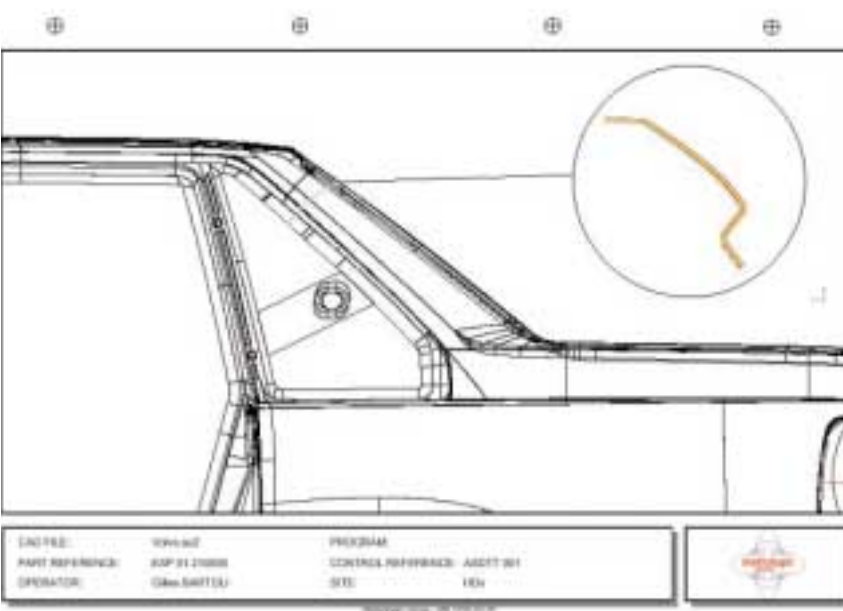
Surface measurement.

Complex measuring tasks, such as edge measurement, are easy to perform using the on-line assistant. The assistant provides step-by-step instructions and examples.

Measured points are automatically projected on surfaces, edges and curved edges. All measured points are graphically displayed in different colors, so the conformity can be checked immediately.

Time-saving correction and reliable data input.

Powerful CAD functions normally eliminate the need to involve your design department, save time and allow you to use your CMM without interruptions.

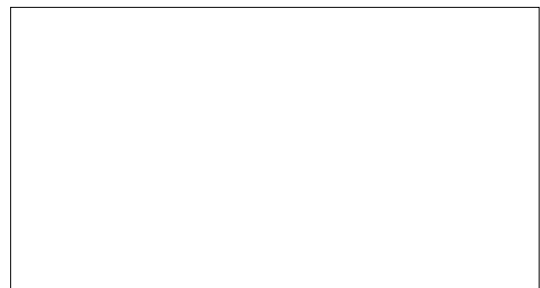


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