

CMM MEASURING SOFTWARE

三坐标测量机 软件功能

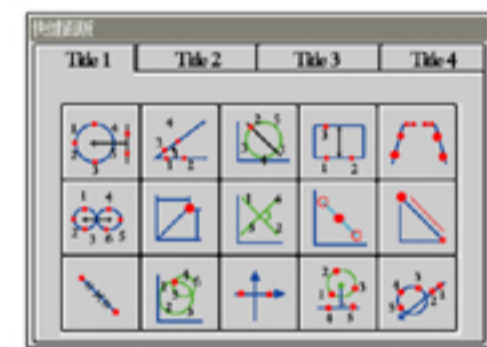
中文化软件界面/操作简易/功能完备
 Chinesization software interface
 Easy operation
 Complete function

系统特点

- 提供手动及CMC三维硬件连线模式。
- 32bit程序格式，支持WIN98、WINME。
- 全新的绘图处理功能，可3D立体旋转，是CAD/CAM逆向工程的最佳工具。
- 提供快捷键面版功能，操作者可更快速、更便捷的完成测量。
- 全新资料结果区视窗，可做树状结构显示，编辑，呼叫使用。
- 支持电子测头和CCD测头共同坐标系功能。
- 提供偏差曲线分析，可供质量管理单位更进一步分析。
- 完整、精确的几何测量功能，满足各个行业的需求。

System features:

- With manual and CMC 3D hardware linking mode.
- Support WIN98 and WINME by 32 bit program format.
- Optimum tool for CAD/CAM with new plotting and processing function in 3D cubically rotating.
- Easy and fast measurement with keyboard operation function.
- New information window for tree display, editing and call.
- Support common coordinate system of electronic and CCD measuring head.
- Analysis for offset curve for quality control.
- To meet all need with its complete and precision geometric measurement.



- 提供60组空白快捷键供使用者自行设计ICON，再搭配本软件提供之REP档，可快速测量经常性之工作。
- Self-design ICON by 60 sets of blank keys and quickly measure at REP of this software.

公/英制及工件坐标系/机械坐标系皆可任意切换
 Conversion for Metric / Inch and Parts / Mechanical coordinate system

三轴计数器随时显示测头目前位置
 Current position of measuring head is displayed by 3 axle counter at any time.

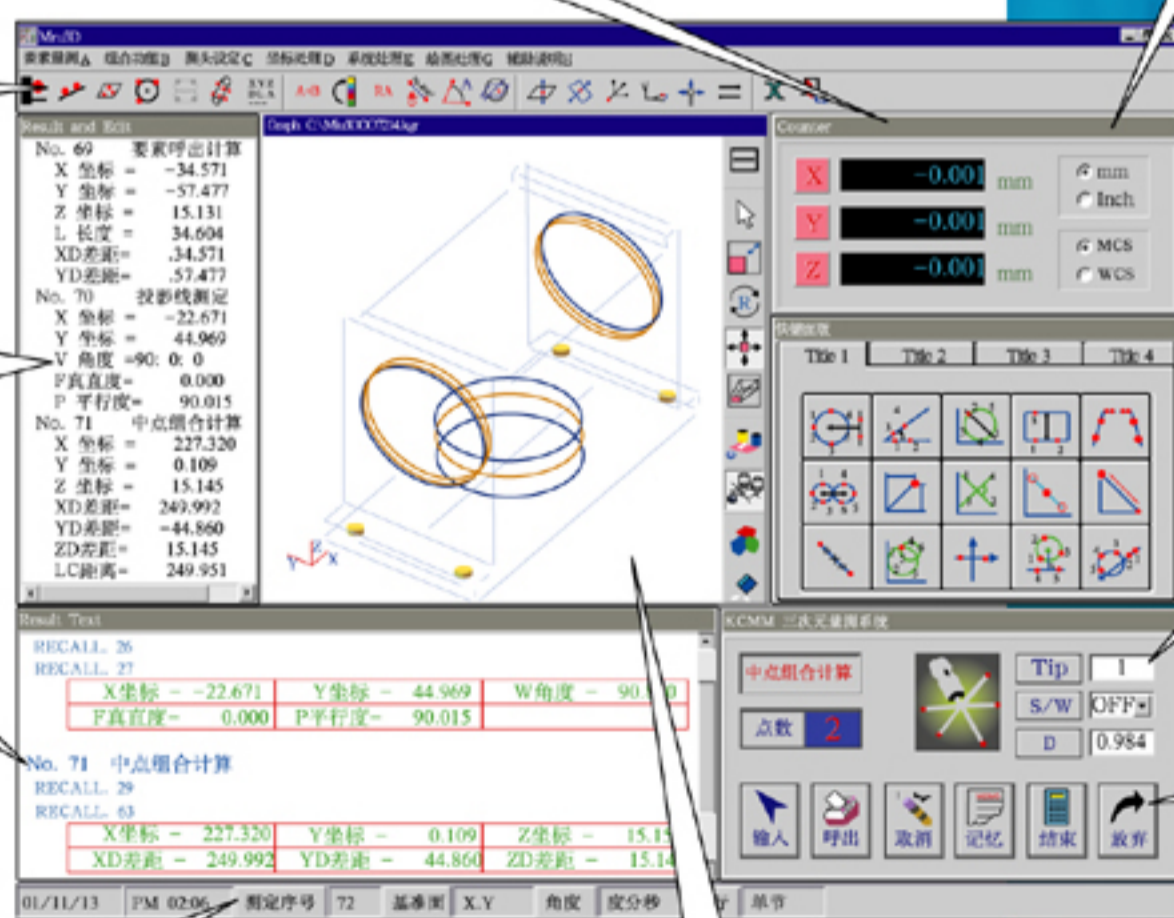
测量快捷键
 Keys for fast measurement

测量资料显示区
 Information measured is displayed in this area.

测量资料报表输出区
 Information measured list is output.

提示目前系统状态: 日期、时间、角度、基准面
 Current systematic status prompt: date, time, angle and reference surface.

绘图区, 测量的同时, 图形立即显现
 Graphic is immediately displayed while measuring in this plotting area.



测头之状况显示(直径、测杆编号)
 Display for measuring head condition (diameter and No. of measuring rod)

测点资料可直接呼出计算
 Information at measuring point can be directly called and calculated.

完整几何测量功能 Complete geometric measuring function.

基本测量功能

- 点、线、面、圆、球、圆筒(段差圆筒、圆锥)及键盘输入坐标功能，每一种测量功能皆可多点测定，测定尺寸亦可自由设定列印与否。

Basic measuring function

- Spot, line, surface, circle, cylinder(cone) can be measured at multi points and input by keyboard. Also printing can be set or not for dimension measured.

几何测量功能

- 真直度、平面度、真圆度、真球度、圆筒度、位置度、平行度、垂直度。

Geometric measuring function

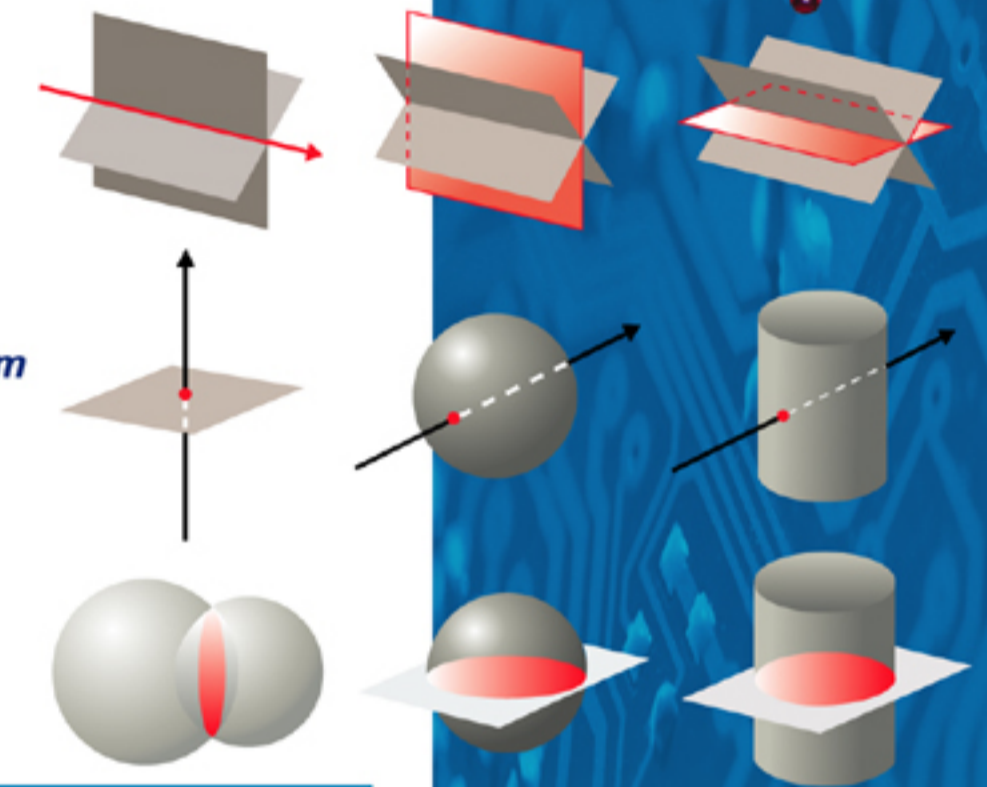
- Measure for straightness, flatness, roundness, sphericity, cylindricity, positioning accuracy, parallelism, perpendicularity, etc.

工件坐标系功能

- 面修正功能。
- 斜面修正功能。
- 原点设定: 可单独设定任意一轴之原点。
- 轴修正功能。
- 坐标系旋转。
- 坐标系记忆。
- 坐标系呼出。

Function of parts coordinate system

- Correction for surface.
- Correction for oblique surface.
- Origin spot setting: individually set at any axle.
- Correction for axle.
- Rotation for coordinate system.
- Memory for coordinate system.
- Call for coordinate system.

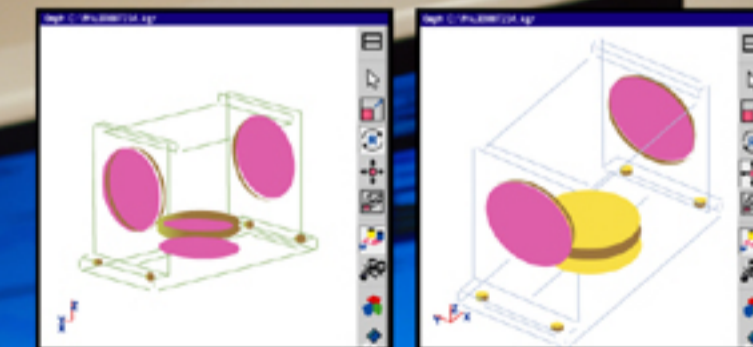


支援CAD/CAM逆向工程

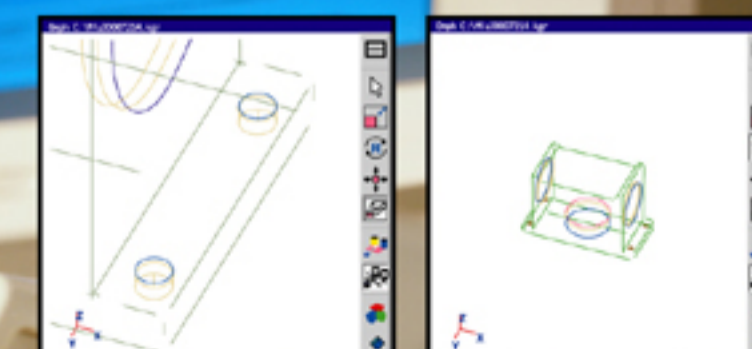
- 工件测量立即图形化，测量的同时，绘图视窗同步绘出已测部分的工件图。
- 操作者可以很清楚地了解目前的测量状态，降低测量误差。
- 图形可存档(DXF, IGES, BMP)，并转至CAD/CAM编辑。
- 图形可随时呼出，可直接点选图上任一元素进行几何运算或尺寸重新计算。
- 图形可3D立体旋转、放大、缩小、局部放大、移动、打光、表面着色。



可呈现测量序号
 No. of measuring is displayed.



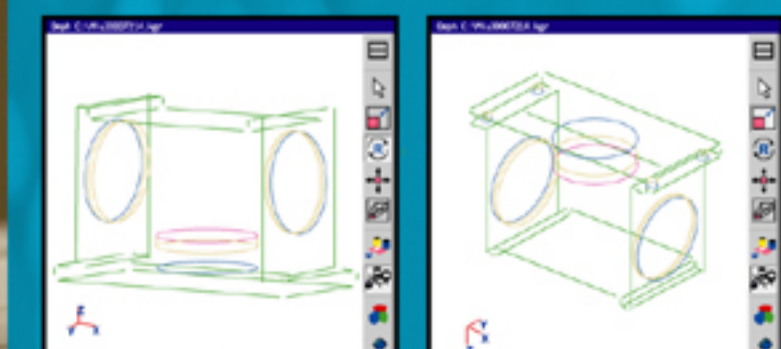
可任意切换边、面着色
 Edge / surface can be changed over for being coloured.



图形可等比缩小与局部放大
 Graphics are reduced proportionally or partially enlarged.

Supporting for CAD/CAM

- Parts measured get graphed and some parts are plotted at plotting view window while measuring.
- Current measuring status is clearly seen by operator so as to reduce measuring error.
- Graphics are filed (DXF, IGES, BMP) and transferred to CAD/CAM for edition.
- Graphics are called at any time and any element of graphics can be directly selected for geometric operation or dimensional calculation.
- Graphics can be rotated in 3D, enlarged, reduced, partially enlarged, moved, projected and surface coloured.



可任意调整图形角度
 Angled graphics are displayed respectively.

