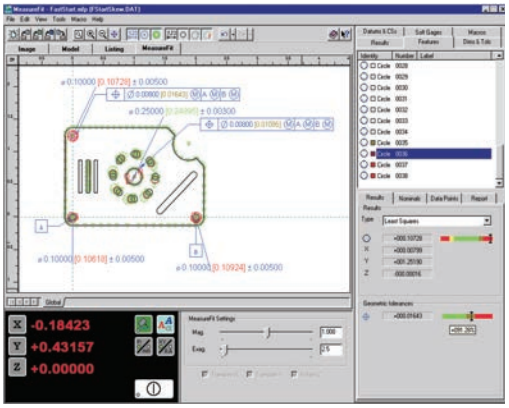
MeasureFit Plus solves composite XY, YZ, and XZ profile fitting and GD&T analysis applications, and easily identifies trouble spots, trends, and potential assembly problems.

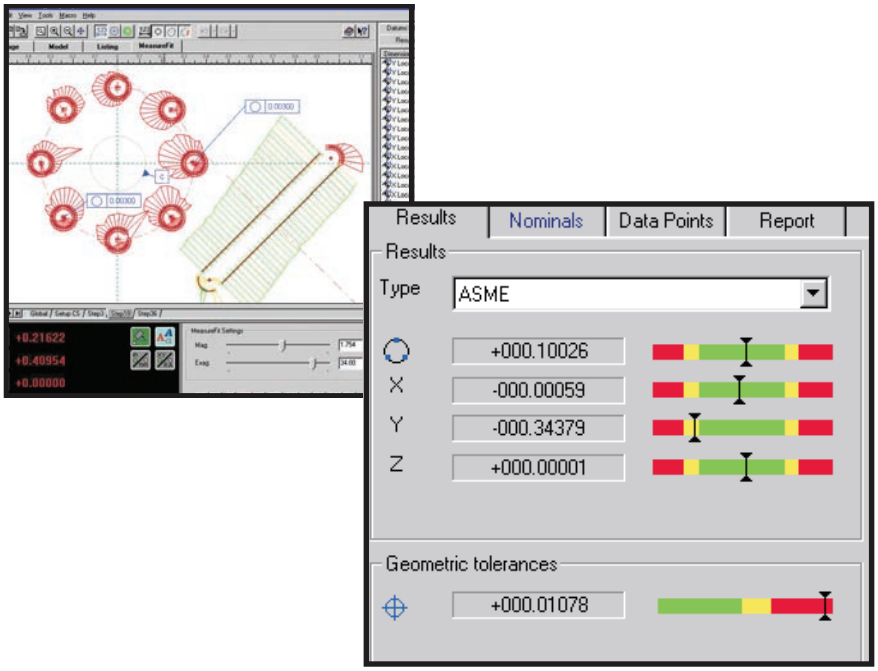
MeasureFit Plus imports and exports DXF files to create project files containing datum structures, GD&T tolerances, and material condition. Includes reporting templates, and SmartReport® Powered by QC-CALC™ Real-time.

- Easy-to-use icon, tab and sliders
- Visualize dimensions and tolerance zones
- See potential assembly problems to reduce scrap and improve yield
- Analyze multiple datum reference frames in a single project

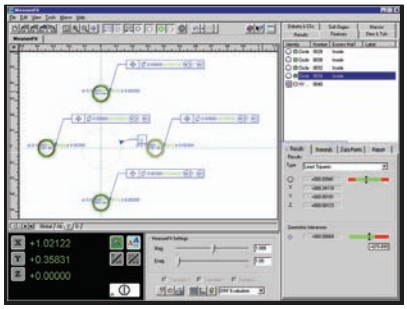
Powerful Fitting Software - Take eCAD to the next level with quantitative numerical analysis of CAD comparison

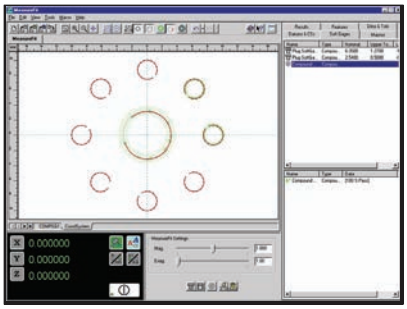


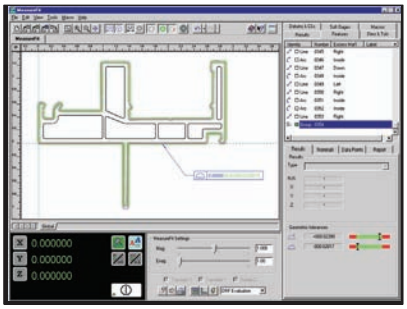
MeasureFit Plus analyzes all part measurements simultaneously and compares them to a nominal design template created from a CAD file.



MeasureFit® Plus







Also Available:

- MeasureFit additional offline licenses - allows for an additional security dongle for offline use. Only available with a primary seat at time of purchase.
- Upgrade to SmartReport® powered by QC-Calc Enterprise in lieu of SmartReport powered by QC-Calc Real-time

	MeasureFit Plus
System Requirements	Optical comparator with Quadra-Chek® DRO connected to a computer with Microsoft® Excel via QC-WinWedge Software or systems equipped with eChek™ or Measure-X® 2D and QVI® Q-Check® DRO
Minimum Computer Requirements	Windows™ XP Professional or Windows 7 (32 or 64 bit), Pentium class processor, 32-bit or 64-bit architecture, 128 MB RAM, 20 MB free space on hard drive, dual monitor support DVI/VGA card (800 x 600 min) required, CD-ROM drive, mouse, 104-key keyboard
Graphical Display Features	Whisker Plots - Size of whisker shows deviation between measured point and nominal - Color of whisker shows where measured point fits in relation to tolerance band; user-selectable colors, up to 7 tolerance bands - Direction of whisker indicates whether there is excess or lack of material
Automatic Fitting Algorithms	- Datum Reference Frame Evaluation fit method performs jiggle fit within constraints defined by datums and RFS/LMC/MMC modifiers, applied to datum features and measured features - Minimization of Sum of Squares of Deviations (Least Squares/Best Fit) - Minimization of Maximum Errors - Minimization of the Sum of the Absolute Values of Deviations
Standard Compliance	- Datum alignment and geometric tolerance evaluation in compliance with ASME Y14.5- 1994 and ISO 1101-1983 - Calculation automatically based on material identity of a feature, including Maximum Inscribed Circle (MIC) for an inside diameter and Minimum Circumscribed Circle (MCC) for an outside diameter
Macros	Macro function automatically records user operations for future automatic playback and part inspection Supplied macro examples, including - - Group features and assign profile tolerance - Use multiple groups/assign profile tolerance - Perform right angle alignment - Create MeasureFit® Plus project from DXF file - Compare data stream to MeasureFit Plus project - Output data with picture - Play, step, and edit macros
Available Feature Information	Features List - information about individual features in the model window Data Points - examine every data point in a feature Nominals - display nominal dimensions and XYZ locations of any feature Results - display geometry result values

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QVI