

# Automatic measurement program generation software

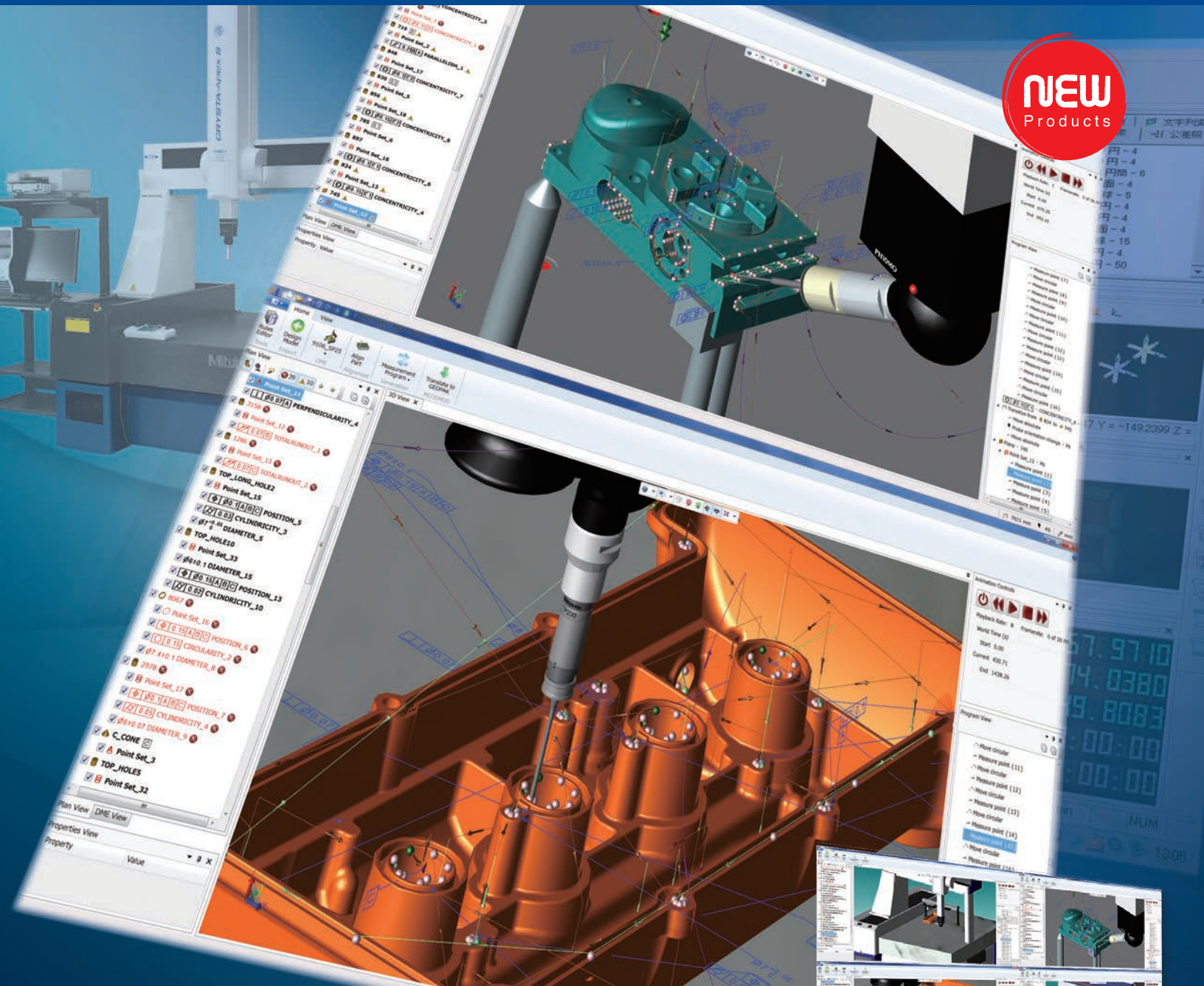
# MiCAT Planner

*One-click programming that changes the relationship between people and precision measurement*



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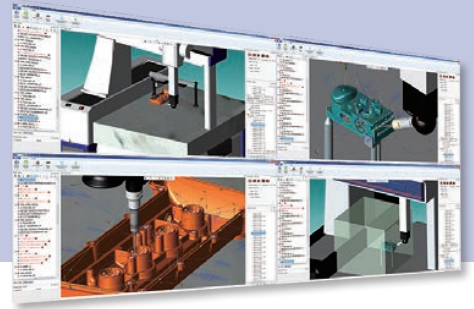
Coordinate Measuring Machines



Bulletin No. 2150

# Mitutoyo

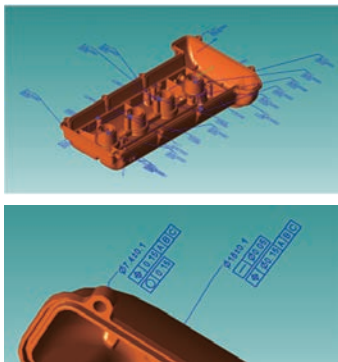
# Automatic measurement program generation software MiCAT Planner



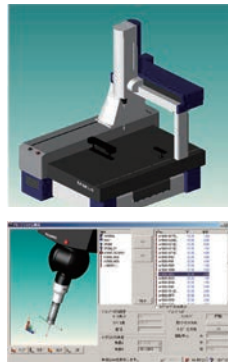
## FEATURES

- Uses software to identify tolerance information included in 3D models with Product and Manufacturing Information (PMI), defines the location for measurement, and creates a measurement program fully automatically.
  - Through its optimization function, the software estimates the shortest route for measurement with the minimum number of probe re-positionings and tool changes; and creates a program that enables measurement in the shortest time.
  - Utilizing the rule editor function to set the measurement rules prevents variation in measurement quality between program writers.
  - Automation enables programming time to be reduced by up to 95%\*, enabling a significant potential increase in the efficiency of measurement work.
- \* Compared with programming using general-purpose software.

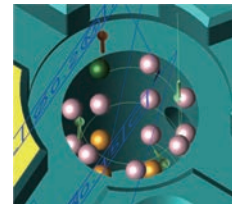
CAD data with PMI (GD&T)



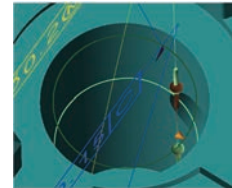
CMM system structural information



User-defined measurement rules, etc.  
Number of locations to measure, sampling pattern, etc.

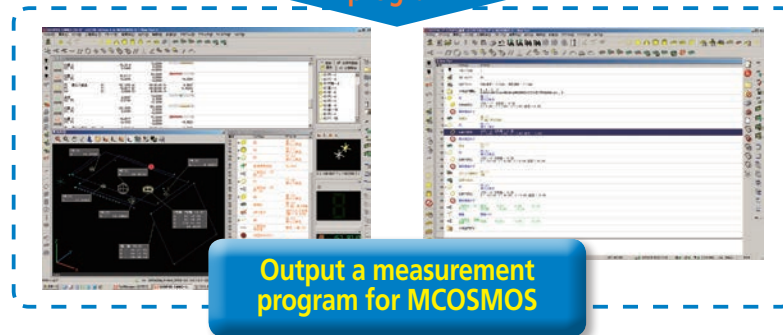


Example of sampling method: touch measurement



Example of sampling method: scanning measurement

Instantly and automatically  
creates a measurement  
program



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