Automatic measurement program generation software

MiCAT Planner

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

Output a measurement program for MCOSMOS

Instantly and automatically creates a measurement program

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

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