Point Cloud Data Measuring Software
MSURF V5.0

Reaching new levels in non-contact measurement.
## Point Cloud Data Measuring Software
### MSURF V5.0

#### Features
MSURF has been updated to Version 5.0, making this dedicated point-cloud software for Mitutoyo’s SurfaceMeasure line-laser probe even more powerful by delivering productivity improvements to a wide range of applications. The software has various online/offline packages to provide the best match to suit your needs in a cost-effective manner.

#### List of Packages

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<thead>
<tr>
<th>software</th>
<th>MSURF-S RUN</th>
<th>MSURF-S 1</th>
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* To run a measurement macro created by MSURF-PLANNER, MSURF-PLANNER RUN is required.

#### New Functions

**MSURF-PLANNER**
MSURF-PLANNER automatically creates measurement macros (surface form, feature form) for the line laser probe from 3D CAD data. Optimized data (travel path, number of probe head revolutions, etc.) of a measurement path contributes to improvements in productivity.

**Mirrored Measurement Macros**
Effectively creates measurement macros for a bilaterally symmetric workpiece.

**Surface Area Calculation**
Allows advanced analysis for a variety of situations including the mating surface of the bearing cap to a connecting rod.

**Outlier Removal Based on CAD**
Allows batch removal of unwanted data that can be caused by unavoidable scanning of parts of the mounting jig and secondary reflections.

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