

# Point Cloud Data Measuring Software MSURF V5.0



A New Level Has Been Reached in Non-contact Measurement.



COORDINATE MEASURING MACHINES



# Point Cloud Data Measuring Software MSURF V5.0

## Features

MSURF has been updated to Version 5.0, making this dedicated point-cloud handling software for Mitutoyo's SurfaceMeasure line-laser probe even more powerful for delivering productivity improvements to an ever-widening range of applications. The software is divided into various online/offline packages to provide the best match to your needs in the most cost-effective way.

## List of Packages

software	software package	On line				Off line			
		MSURF-S RUN	MSURF-S 1	MSURF-S 2	MSURF-S 3	MSURF-G 1	MSURF-G 2	MSURF-G 3	MSURF-I PRO
MSURF-S		✓	✓	✓	✓				
MSURF-G						✓	✓	✓	
MSURF-I									✓
MSURF-I Option				✓	✓		✓	✓	
MSURF-MESH PRO				✓	✓		✓	✓	✓
MSURF-PLANNER*			✓		✓	✓		✓	
MSURF-PLANNER RUN*		✓							

\* To run a measurement macro created by MSURF-PLANNER, MSURF-PLANNER RUN is required separately.

## New Functions

### MSURF-PLANNER

MSURF-PLANNER is software to automatically create 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 will contribute to improvements in productivity.

### Mirrored Measurement Macros

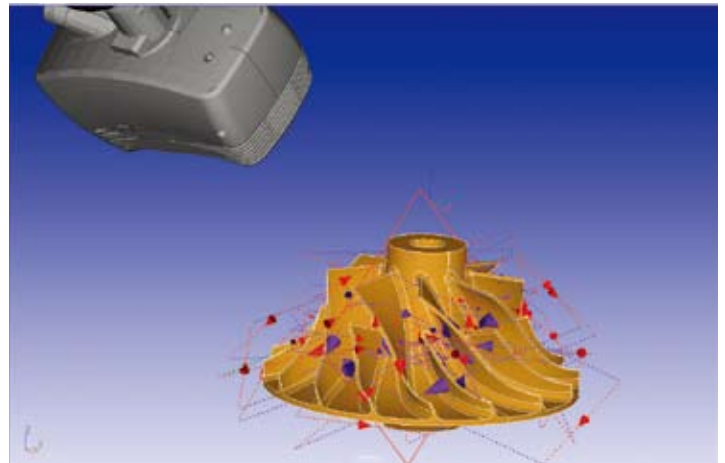
Effectively creates measurement macros for a bilaterally symmetric workpiece.

### Surface Area Calculation

Allows advanced analysis such as con-rod junction analysis.

### Outlier Removal Based on CAD

Allows batch removal of unwanted data such as can be caused by unavoidable scanning of parts of the mounting jig and secondary reflections.



Auto-creation of Measurement Macros by MSURF-PLANNER

Contact your local Mitutoyo Sales Office today for advice on the best system for your application.

# Mitutoyo

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