

# MSURF V5.0 POINT CLOUD DATA MEASURING SOFTWARE

A New Dimension of Non-Contact Measurement.



COORDINATE MEASURING MACHINES

# Point Cloud Data Measuring Software

## MSURF V5.0

### Features

Improve your productivity: Mitutoyo has launched the dedicated point-cloud managing software MSURF in an updated Version 5.0, making the software for Mitutoyo's SurfaceMeasure line-laser probe even more powerful and suitable for an ever-widening range of applications. The software comes in various online/offline packages to provide the best match to your needs in the most cost-effective way.

### List of Packages

software \ software package	Online				Offline			
	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 (point acquisition)	✓	✓	✓	✓				
MSURF-G (offline programming)					✓	✓	✓	
MSURF-I (inspection)								✓
MSURF-I Option			✓	✓		✓	✓	
MSURF-MESH PRO			✓	✓		✓	✓	✓
MSURF-PLANNER		✓		✓	✓		✓	
MSURF-PLANNER RUN*	✓							

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

### 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

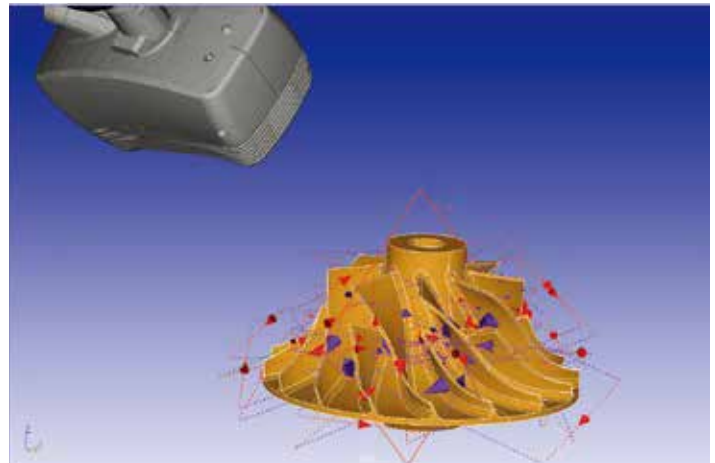
Effectively creates measurement macros for a bilaterally symmetric workpiece.

#### Surface Area Calculation

Allows advanced analysis such as con-rod junction analysis.

#### Outlier Removal Based on CAD

Allows batch removal of unwanted data as 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

Mitutoyo Europe GmbH

Borsigstraße 8-10  
41469 Neuss Germany

Tel. +49 (0) 2137-102-0  
Fax +49 (0) 2137-102-351

info@mitutoyo.eu  
www.mitutoyo.eu



Find additional product literature  
and our product catalogue

[www.mitutoyo.eu](http://www.mitutoyo.eu)

**Note:** Product illustrations are without obligation. Product descriptions, in particular any and all technical specifications, are only binding when explicitly agreed upon. MITUTOYO is either registered trademarks or trademarks of Mitutoyo Corp. in Japan and/or other countries/regions. Other product, company and brand names mentioned herein are for identification purposes only and may be the trademarks of their respective holders.

Coordinate Measuring Machines

Vision Measuring Systems

Form Measurement

Optical Measuring

Sensor Systems

Test Equipment  
and Seismometers

Digital Scale and DRO Systems

Small Tool Instruments  
and Data Management