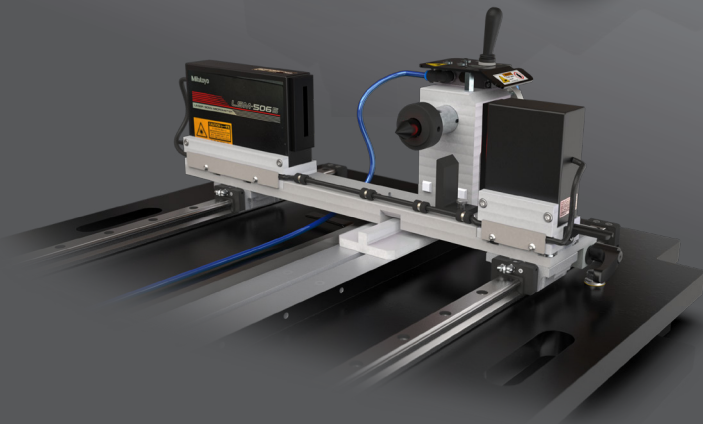


## LSM Shaft Measurement Solution

 Laser Scan Micrometer



- Diameters and Runout, measured at light speed! The LSM Shaft Solution combines a Mitutoyo Laser Micrometer (LSM) with a rapid measurement fixture.
- A retractable tailstock fixture and rotating headstock, offer semi-automated inspection.
- A fully-automated option is available, with a moving table, for one-button measurement.

## Laser Scan Micrometer



Mitutoyo offers different models of Laser Scan Micrometers, which can be implemented in this system.



LSM-6200 Display Unit can output data, or transfer it to MeasurLink® software or Excel spreadsheet.

## Laser Scan Micrometer Models

Model	Part Diameter Size Range	LSM Accuracy	LSM Repeatability
LSM-503S	.3 mm to 30 mm	+/- 1.0µm	+/- 0.11µm
LSM-506S	1 mm to 60 mm	+/- 3.0µm	+/- 0.36µm
LSM-512S	1 mm to 120 mm	+/- 6.0µm	+/- 0.85µm

\*Total system accuracy will be evaluated for each application.

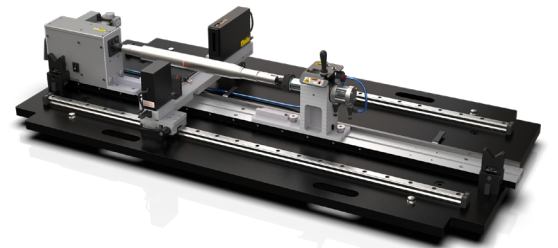
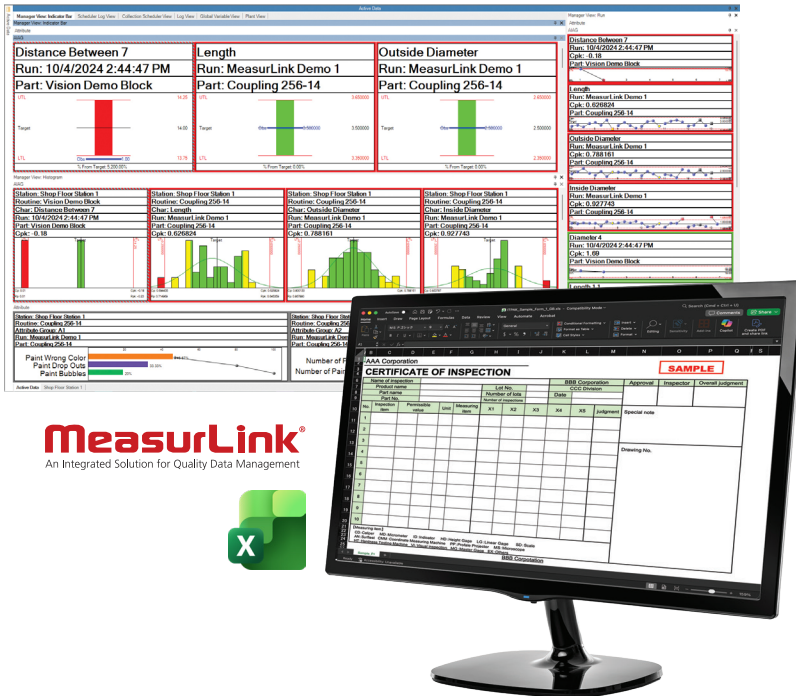
## Rapid Measurement Fixture

Max. part length	36" (894 mm)
Max. part diameter	Up to LSM model
Max. part weight	To be determined with part prints

† Customized fixture is available upon request.

## Data Management Options

The Laser Scan Micrometer integrates measurement data with Mitutoyo MeasurLink® Data Collection Software and supports direct input to an Excel sheet.



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Mitutoyo America Corporation  
1-888-mitutoyo | www.mitutoyo.com

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