

Shop-floor CMM for measurements of gears

MiSTAR 555 Gear Analysis System

**in-house comparison*
3x times faster*



4 Advantages

1

Complete measurement of gear and root on one system

2

High-speed measurement by 4-axis nominal scanning

3

New software with easy to use GUI

4

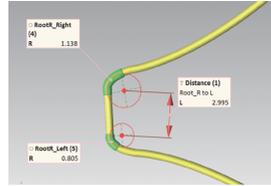
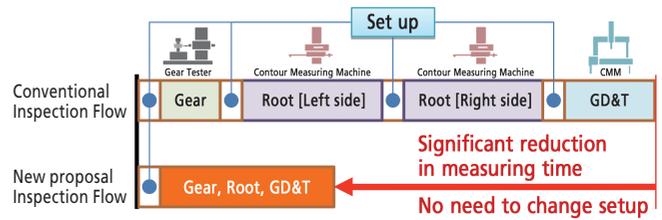
Suitable for shop-floor use

Mitutoyo

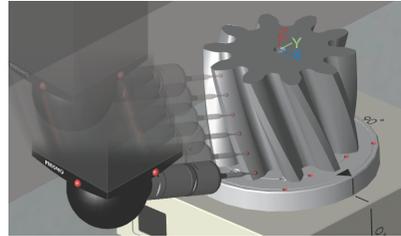
1

Complete measurement of gear and root on one system

Due to the high torque load applied, measurements of both gear profile and gear root can be completed in one setup, saving considerable time.



Measuring example with a stylus for contour measuring instruments. Narrow roots can be measured.



2

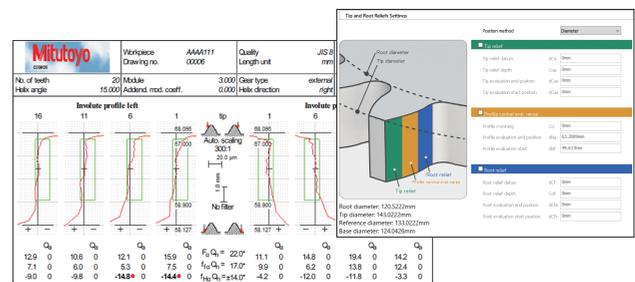
High-speed measurement by 4-axis nominal scanning

New 4-axis nominal scanning technology enables high-speed measurement. The rotary table for rotation synchronized scanning can avoid collisions between the workpiece and the probe.

3

New software with easy to use GUI

New "GEARPAK Express" intuitive software enables measurement ranging from general measurement to gear and form evaluation.



4

Suitable for shop-floor use

Ideal for shop floor use due to the absolute scale system (manufactured by Mitutoyo) and real-time thermal compensation along with its space saving design and open structure.



Basic Configuration of MiSTAR 555 Gear System

Shop-floor type CNC CMM	MiSTAR 555
Rotary table	MRT240
Automatic stylus changer	FCR25
Data processing software for CMM	MCOSMOS-3
Gear measurement and evaluation software	GEARPAK Express
Probe system	PH10MQ, SP25M

Please contact your local Mitutoyo Sales Office for more details

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