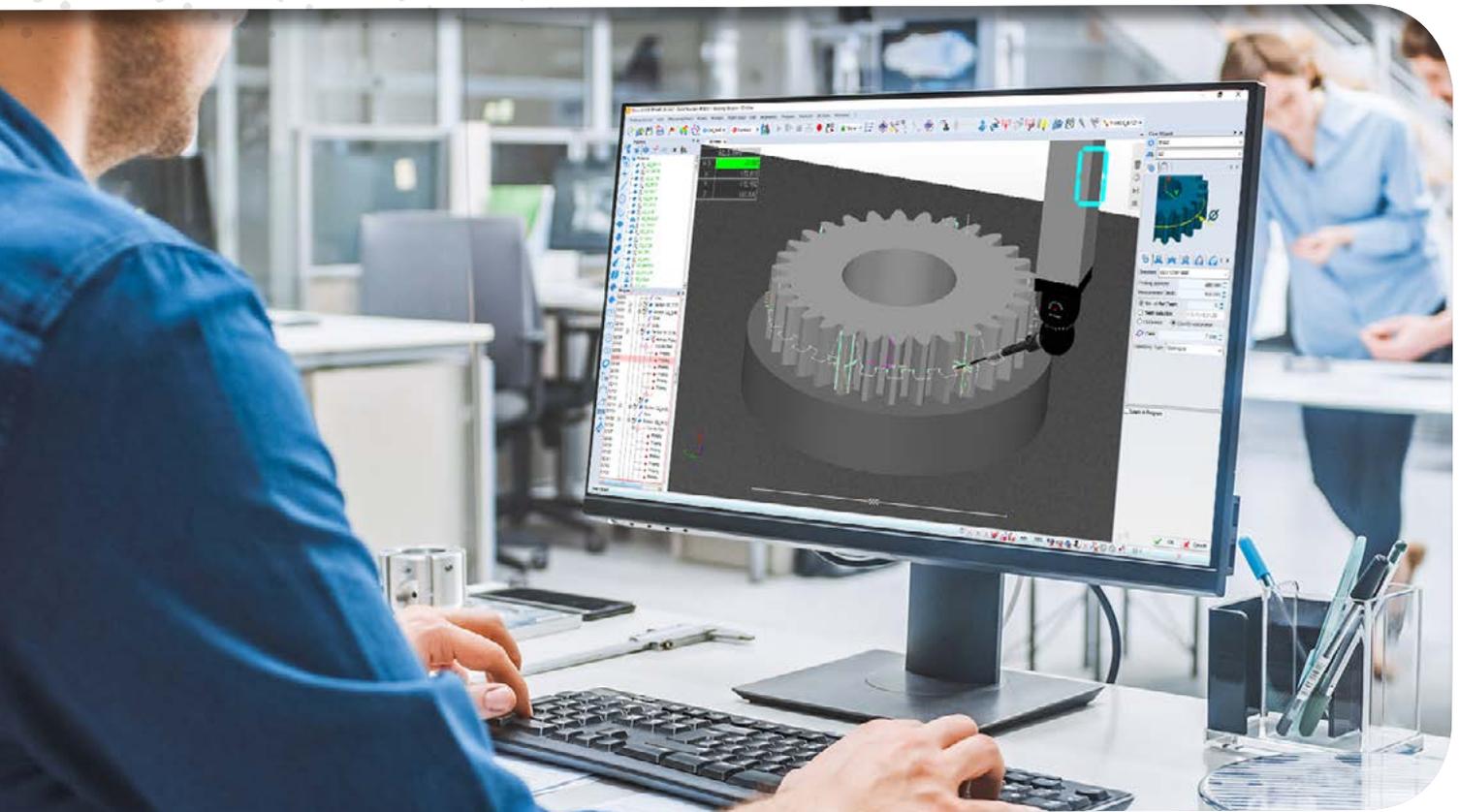


Expert Function

Gear inspection module

Inspecting gear geometry is a challenging task because of their unique definitions, geometrical characteristics, dedicated algorithms, inspection requirements, and report graphics. Hopefully Metrolog inspection software can handle them all, whatever the measuring equipment or the technology (touch probe, scanning probe, and even potentially with optical probes for certain types of gears). For all Gear Types (External, Internal, right or left hand teeth...)



Access the highest precision



Create/Edit Gear to define a gear or modify an existing one.



Gear Wizard to measure each part of the gear and modify its properties for pitch, profile and helix evaluation, saving considerable time.



Conform to ISO and AGMA norms.

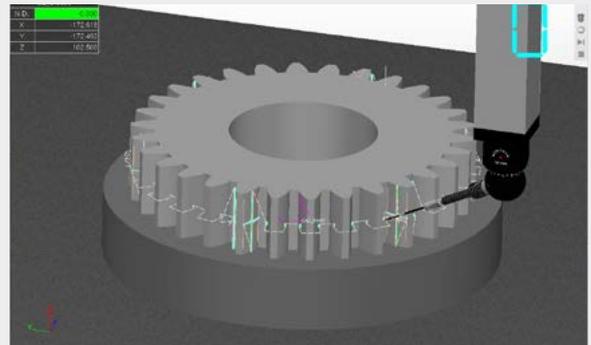
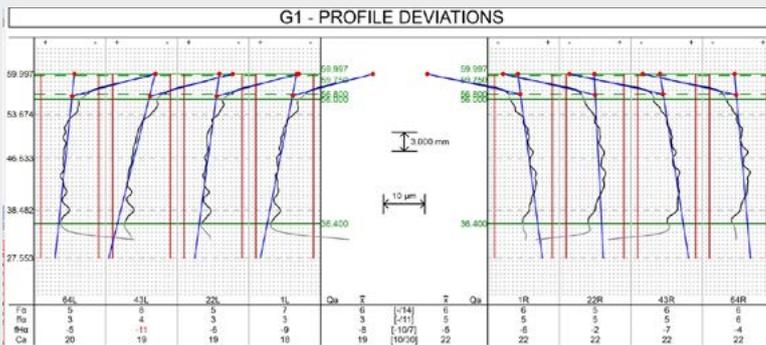


Detailed results and views.

Description

Description Gear Module is a module completely integrated inside of Metrolog which allows the measurement of gears according to the current norms. Due to its novel approach, all of the technical characteristics become easy to inspect

your Pitch, Profile, Helix error. Furthermore, the integration inside of the Metrolog environment gives access to all the other Metrolog functions, for example, advanced programming, geometrical tolerancing, alignments, path display, inspection reports...



Inspection Reports

Gear Module contains its own integrated report editor based on present standards. In addition to the editor's unique functions, the standard Metrolog functions can be used to further elaborate on the inspection by obtaining all the other necessary results using functions such as Geometrical tolerancing, alignment optimization, section definition,

The integration of this module inside of the Metrolog product illustrates our strategy whose goal it is to provide universal and evolving software that is capable of measuring any type of part.



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