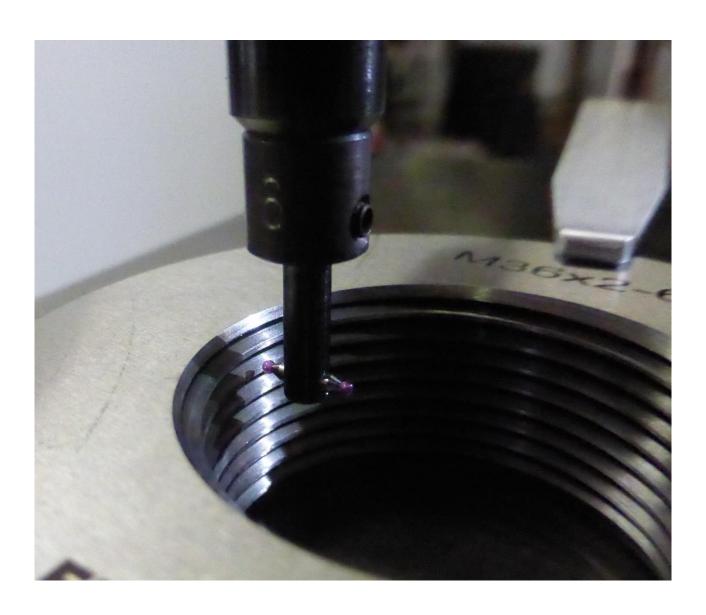


## Labconcept Nano

**Automatic Thread Measurement** 





1.

#### INTRODUCTION



Trimos sets a new metrological benchmark, offering calibration laboratories a perfect combination of know-how and the latest available technology.

The Labconcept NANO unifies tradition, experience and continuous technological evolution.

It is the first calibration system with integrated control processes.

Its interconnectivity with different software applications enables complete monitoring pursuant to the test procedures in force.

The evolution towards automatic measurement processes enables automation of operations which were previously realised manually.

This permits rapid and total integration in the majority of laboratories.

Thanks to its strong R&D team, Trimos is able to offer measuring processes tailored to meet your specific company needs.

Trimos WinDHI Nano is our exclusive measurement software. Based on many years of metrological experience, it is extremely user-friendly and encompasses numerous functions.

The human-machine interface enables extremely simple and efficient use of the Labconcept Nano.

The development of plug-ins enables seamless integration in the most important software solutions used for calibration of measurement devices.

The VB gateway for Microsoft Office facilitates generation of monitoring reports with integration of the measurement processes.

Experienced users can define measurement ranges while integrating external functionalities and calculations.

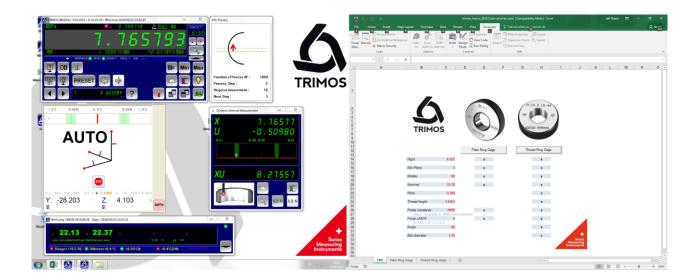




2.

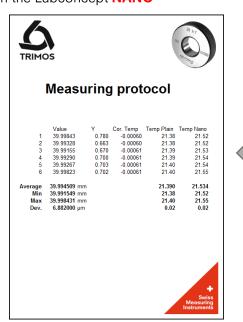
#### CREATION OF SPECIFIC MACROS

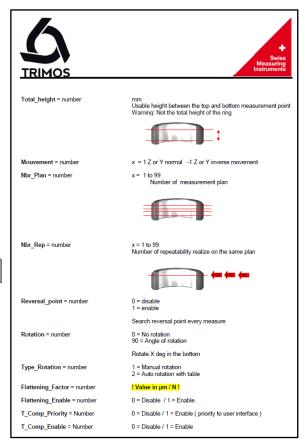
Specific macros can be easily created for different measurements based on an Excel spreadsheet. This permits extreme simplification, and the user no longer needs to specify the measurement to be realised in the Trimos WinDHI Nano program.



Full documentation with specific calculation examples describes all the simplified functions for dialogue with the Trimos WinDHI Nano program.

More advanced users can therefore run specific company programs for macros or measurement reports. Trimos is the only manufacturer to offer this functionality with the Labconcept **NANO** 

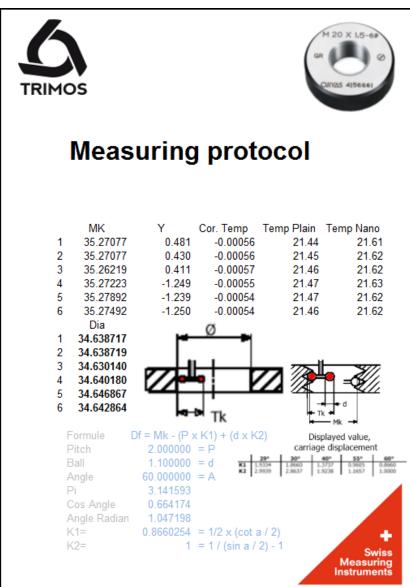




3.

### THREAD MEASUREMENTS





Integration of the electronic TRIMOS TA-MS-370 floating sensor enables measurement of all kinds of thread gauge rings. The pitch diameter is automatically calculated with the Microsoft Office Excel files. The content of the file is provided with the Trimos WinDHI Nano program, and formulae are open-access and can be modified.

# Trimos S.A. Av.de Longemalle 5 CH-1020 Renens T. +41 21 633 01 01 info@trimos.ch www.trimos.com

