THOME PRÄZISION

Special offer 3D-Measuring Machine TETA CNC

The **guide ways are completely covered**. This protects the CMM from dirt, dust and damage.

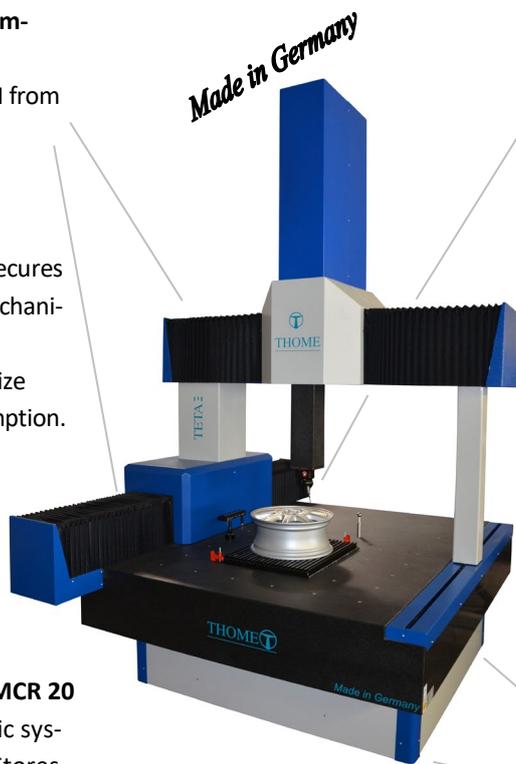**Granite guide ways** of highest quality secures high thermal stability, precision and mechanical rigidity.

Optimized air bearings are used to realize highest precision and lowest air consumption.

Joystick MCU Lite by RENISHAW with function keys, speed regulation and emergency-stop.

Probe changer MCR 20 For full automatic system operation. Stores up to 6 probemodules

Made in Germany

Probes by RENISHAW

a.) PH10T
Motorised indexing head, 7.5 degree increments giving 720 repeatable positions
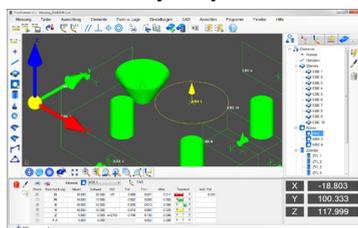
b.) PH20
5-axis touch trigger system, infinite positioning capability. Significant time savings through "Head touch system". Speed increases in a 3-fold improvement.
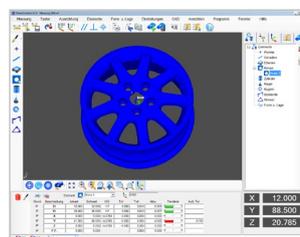
Double passive vibration damping is integrated in the underframe as a standard, upgradeable to active air spring isolators.

User-friendly inspection software

ThomControl

a.) Basic geometry
All geometric elements can be measured, graphically displayed and recorded. Evaluation off all shape and position tolerances. ISO tolerance database is integrated. Measuring programs via Teach-In. CNC measuring strategies are graphically displayed.

b.) Basic geometry with CAD
CAD files in IGS and STEP format can be imported. Elements can be selected by clicking on the CAD model and then automatically measured.
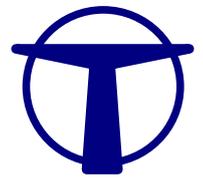
Your delivery:

1. CMM TETA CNC **"Made in Germany"** - Uncertainty acc. ISO 10360-2 MPEe=2,2+L/350, MPEp=2,5µm
2. CNC control unit and one-hand joystick by RENISHAW
3. DELL PC, including 3-year on-site service, WINDOWS 10, 24 LED Monitor, "ALL IN ONE" colour printer.
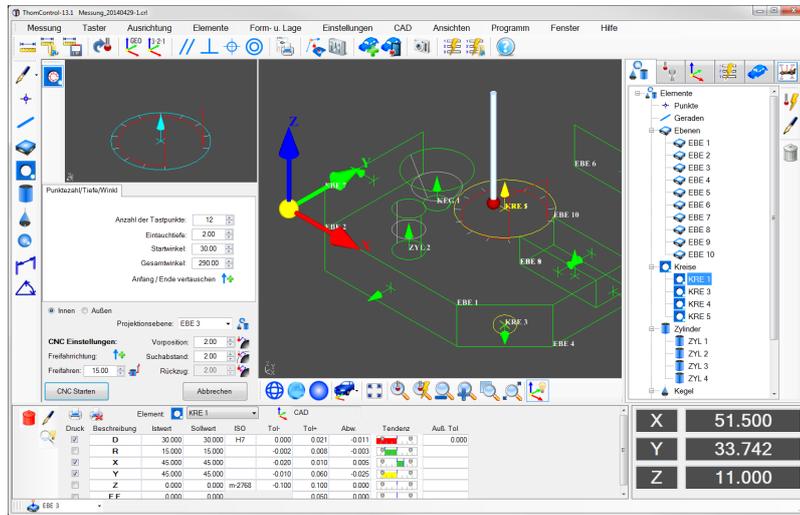4. Stylus Set 10 Pcs., calibration ball Ø25.

You will also receive the following equipment according to your requirements:

	TETA package 4	TETA package 6	**Best seller!** TETA package 5	TETA package 7
Inspection software ThomControl	Basic geometry	Basic geometry CAD	Basic geometry CAD	Basic geometry CAD
Probe	PH10T/TP20	PH20	PH10T/TP200	PH10M
Measuring range 1.200x900x800	**70.490 €**	**74.490 €**	**71.490 €**	**81.490 €**
Order No.:	P1298-G-PH1020-UK	P1298-C-PH20-UK	P1298-C-PH10200-UK	P1298-C-PH10M-UK
Measuring range 1.500x900x800	**75.490 €**	**79.490 €**	**76.490 €**	**86.490 €**
Order No.:	P1598-G-PH1020-UK	P1598-C-PH20-UK	P1598-C-PH10200-UK	P1598-C-PH10M-UK
Measuring range 1.800x1.100x900	**86.490 €**	**90.490 €**	**87.490 €**	**97.490 €**
Order No.:	P18119-G-PH1020-UK	P18119-C-PH20-UK	P18119-C-PH10200-UK	P18119-C-PH10M-UK
Measuring range 2.200x1.100x1.000	**93.490 €**	**97.490 €**	**94.490 €**	**104.490 €**
Order No.:	P221110-G-PH1020-UK	P221110-C-PH20-UK	P221110-C-PH10200-UK	P221110-C-PH10M-UK

All prices are Ex. Work. Transport, packing, training, installation and travel expenses are not included. Warranty period: 12 months.
This offer is without obligation. Price changes are reserved.

THOME PRÄZISION

ThomControl Basic geometry

Simple, intuitive **operation** with graphical support through a **clear user interface**.
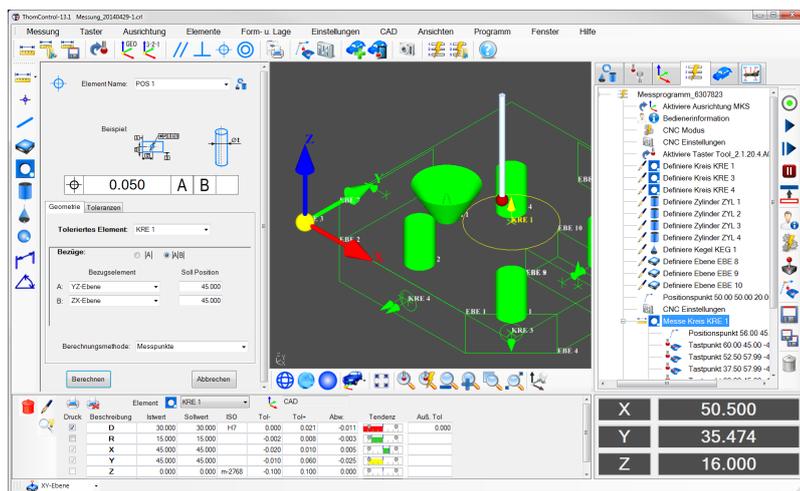
Easily create alignments with the **3-2-1-alignment** or the **Geometric alignment** respectively with **graphic preview**.

The **nominal values** of the elements can be **entered in clear windows** and then be **automatically measured via a displayed CNC measuring strategy**. A **tolerance database** with the ISO tolerances according to DIN ISO 286 is available. The **measurement results** are displayed directly in the result window **with graphical trend bars**.
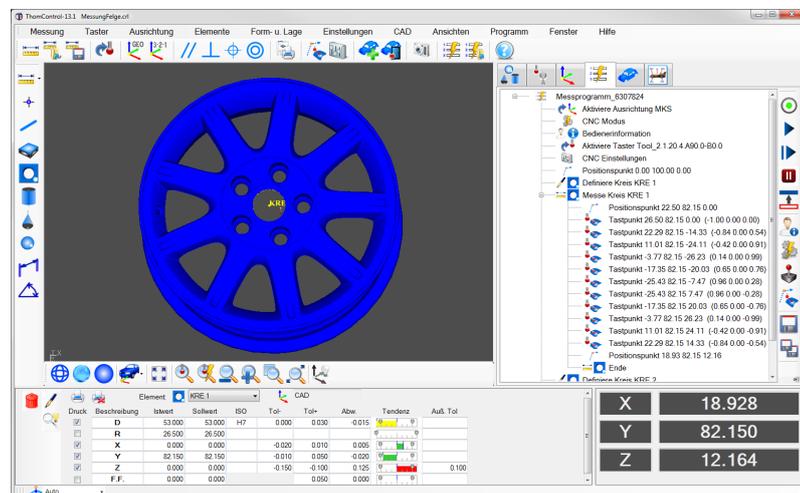
Comprehensive form and position evaluations such as parallelism, perpendicularity, concentricity, position, flatness, straightness, etc. are available.

Measuring programs can be **easily created** and very **easily changed by double clicking on the program line**. Both CNC and manual measurement programs can be generated.

All **measurement results** a**re stored and are available again at any time**. In addition to the internal file format of THOMControl the measurement **reports** can also be saved in **Word, Excel and PDF**. The measurement reports are easy to adapt to your layout requirements. Several standard report templates are included.

Various constructions of geometric elements allow **extensive calculations of theoretical dimensions.** All items are displayed graphically in 3D and can be printed graphically, for better interpretation of the measurement results.

ThomControl Basic geometry with CAD

CAD files in **IGS** and **STEP format** can be imported. **Elements can be selected via the CAD file with a mouse click and automatically measured**. The software proposes a measurement strategy and shows the paths graphically. The strategy may be modified as required.

The measuring program is written by simply clicking the CAD elements. **Nominals** are automatically **generated and transferred from the CAD data**. The optimal vectorial directions of the measuring points is guaranteed. Any number of measurement points can be approached even in difficult areas. **Measuring programs** can also be created **offline** and the measurement process can be **simulated**. **Graphical views** can be **created and recalled at any time.**