WENZEL GearTec-Software
Precise and user-friendly

WENZEL®
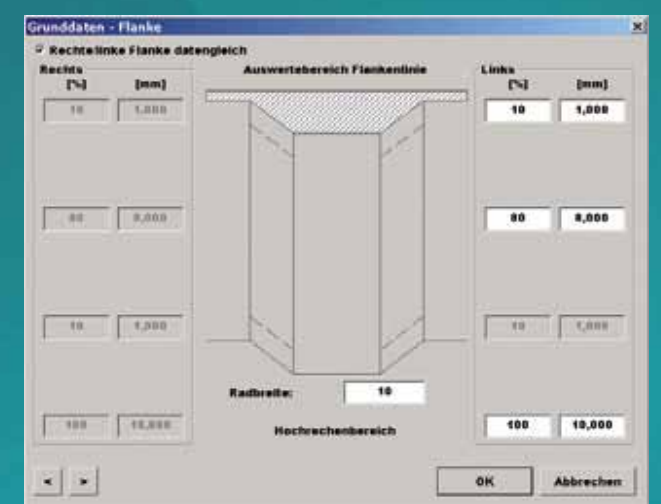
Gear Tec

www.wenzel-geartec.com

Wenzel GearTec-Software
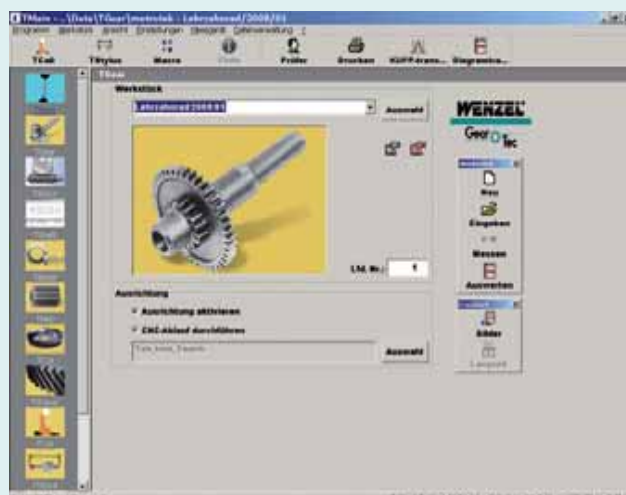
It's quite simple...

The combination of high-precision measuring mechanics and the specially developed Wenzel-GearTec gear measuring software guarantees precise measuring results. Our customers can rely on it, whether it's a question of complicated gear measurements or standard measuring tasks with the Wenzel Metrosoft CM universal measuring software.

The ergonomic user interface of the software with integrated database is based on Windows technology and is extremely user-friendly.
Workpiece data records linked to digital photos facilitate selection and positionally accurate clamping, providing you with quick and precise measuring results.
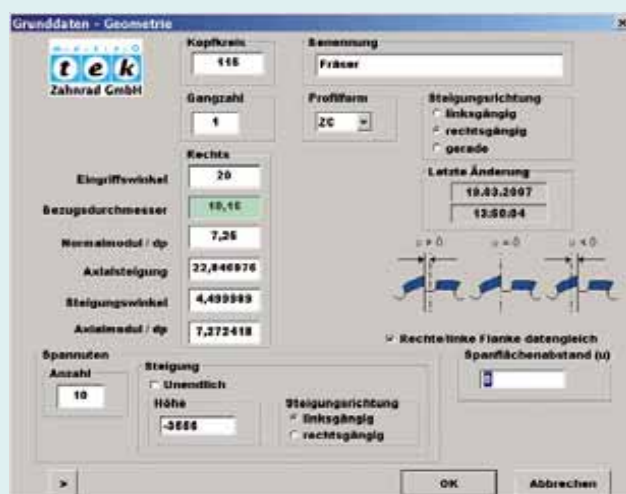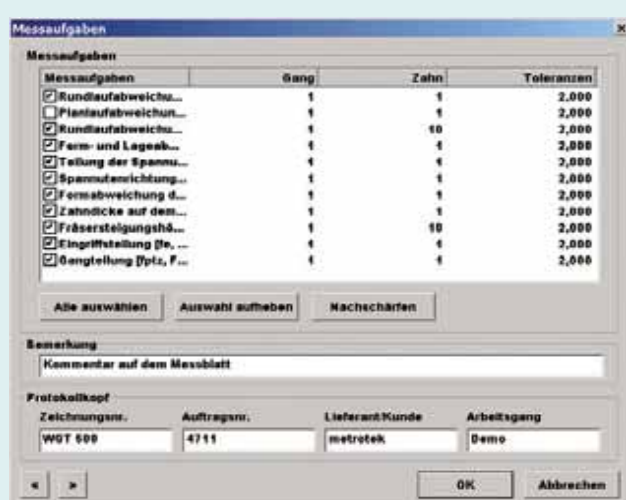

General Features

Simple data input
- Clear division into logic blocks
- Graphic support
- Windows-help

Macro-programming
- Simple linking of individual measurements to a complete sequence (e.g. it is possible to measure a shaft with individual gears in one sequence)

Integrated database
- Workpiece management
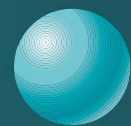- Basic settings
- Data management

The modules:

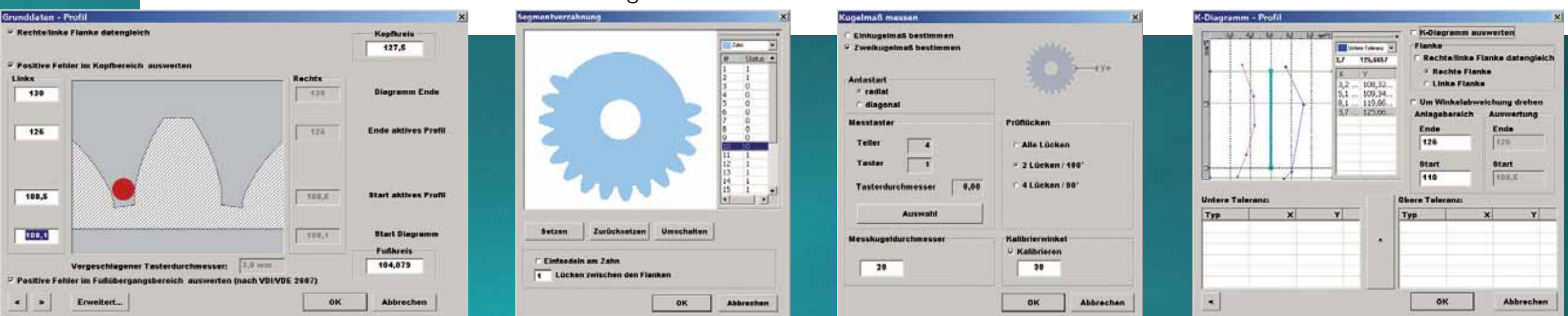|	
TGear	Measurement of cylindrical gears
TAmo	Wobble axis position determination
TRoot	Measurement of tooth root radii
TBevel	Measurement of bevel gears
TWorm	Measurement of worms and worm gears
TShaft	Measurement of cylindr. shafts (dimension, form, position)
TAbd	Measurement of chamfers
TSpline	Measurement of splines
THob	Measurement of hobs
TShaver	Measurement of shaving cutters
TCut	Measurement of shaper cutters
TCam	Measurement of cams and camshafts
TStrom	Measurement of lifting cams

...and other software packages

Further benefits are:

• Changeover from input of profile data to rolling path diameter or rolling angle is possible at any time

• Display of profile calculated after input
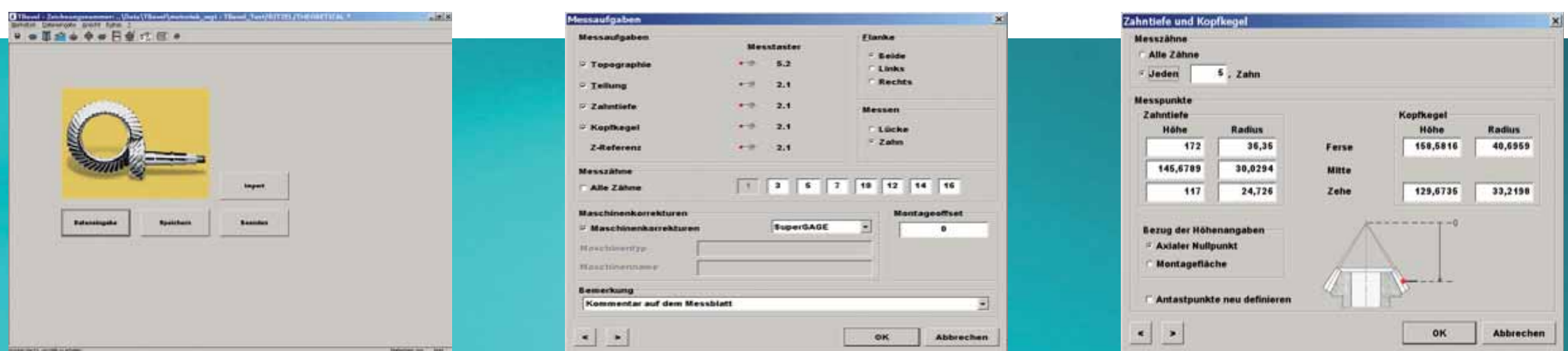
• Free design of measuring chart record header

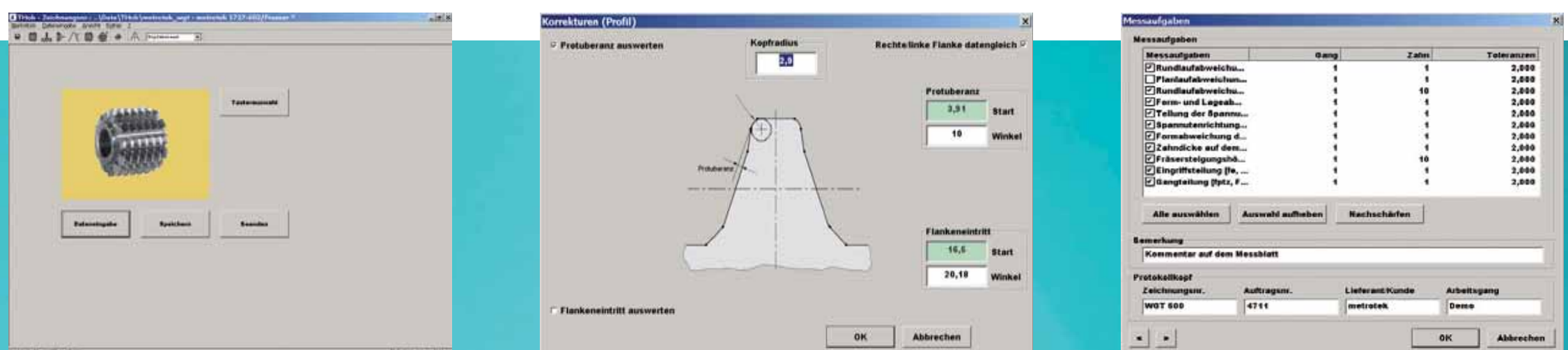**Our gear measuring software is certified by the PTB.**
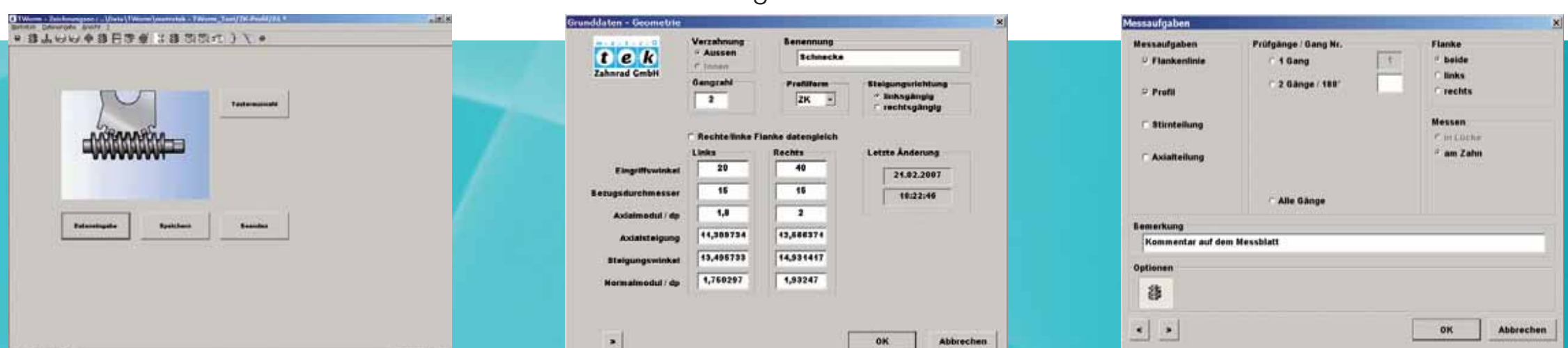
TGear   Software module to measure gears

TBevel   Software module to measure bevels

THob   Software module to measure hobs

TWorm   Software module to measure worms and worm gears
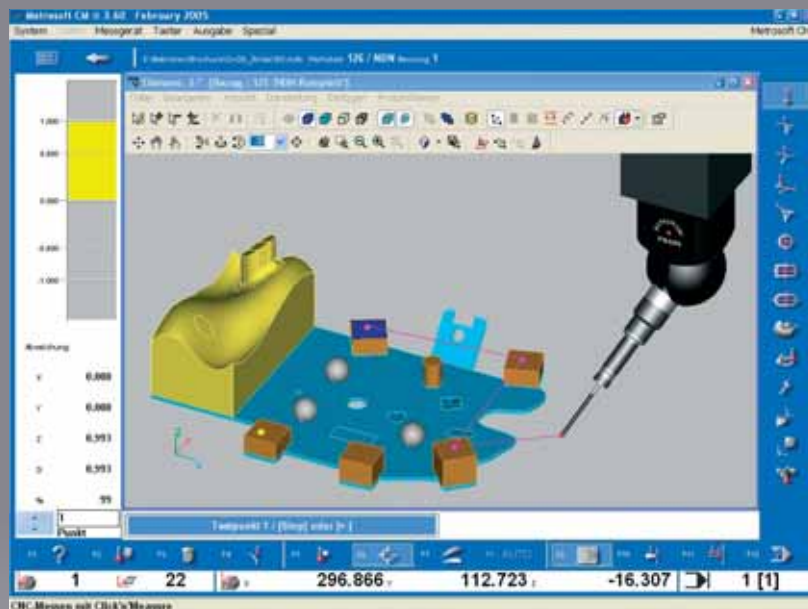
Brilliant

Wenzel 3D software „Metrosoft CM"

For an even broader measuring range that goes beyond gear measurement, the Metrosoft CM software developed for Wenzel Präzision GmbH can also be used for GearTec measuring machines. Practical software packages have been developed for many fields of application in close collaboration with leading companies in the automotive, mechanical engineering and aerospace industries. The Metrosoft CM software packages and modules are optimally matched to the respective requirements and compatible with all measuring systems. Supported by self-explanatory graphics, they enable clear and simple operation, like the GearTec software.
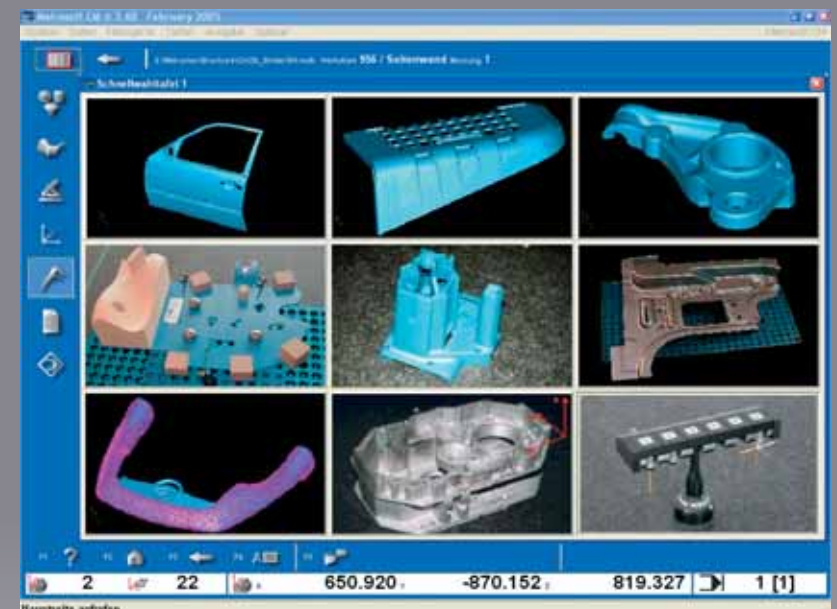
The advantages:

- Software packages and modules optimally matched to the applications
- Compatible with all measuring systems
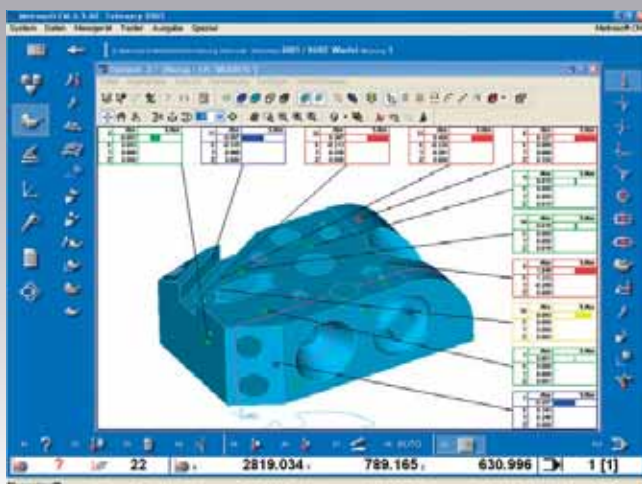- Available in 12 languages
- Clear and simple operation
- Universal for geometry and free form
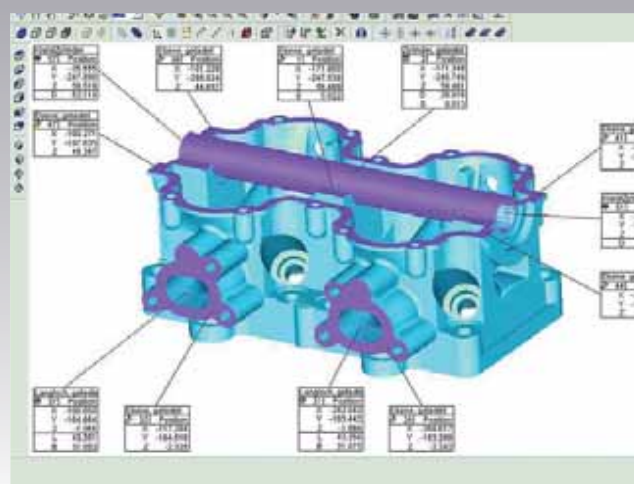- Extensive data management with integrated, real database

Measurement:

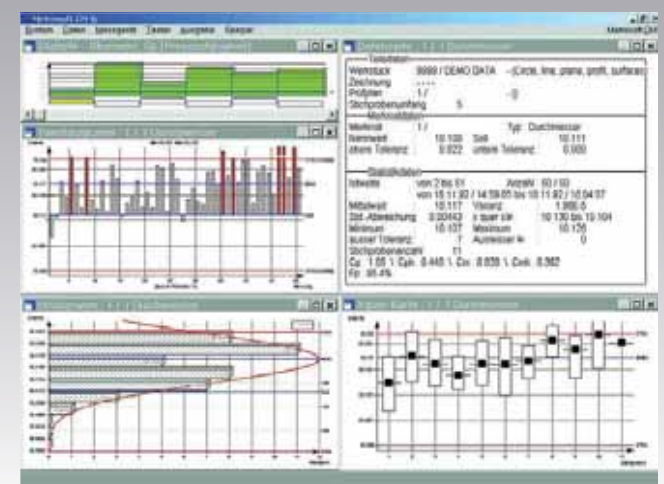„Click'n Measure"-automatic measurement including collision check

Automatic callup of measuring programs using quick selection panels

Evaluation:

Graphic measuring record with color marking of deviations

Graphic measuring record of prismatic parts with configurable point boxes

Freely configurable statistics: Overview, trend charts, control cards, histograms, process capability etc.

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