

VAST® Navigator. The Productivity Tool



We make it visible.

Next Generation Technology for Increased Productivity

Reach your target with VAST® Navigator

Only the ideal combination of sensors, control technology, processes and software can lead you quickly and reliably to your target. VAST® Navigator is the answer:

- guarantees immediate availability
- completes your measuring tasks faster
- features intelligent assistants and Carl Zeiss technological infrastructure

1 Active sensor - VAST® Gold

- Improved dynamics as a result of optimized, moving masses
- Greater rigidity as a result of optimized joints
- Longer styli
- New collision protection

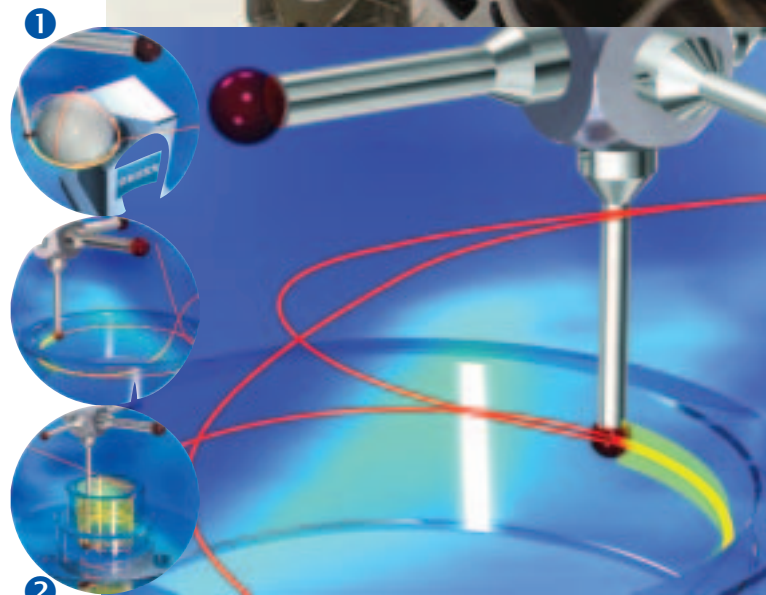
2 Measuring software - VAST® Navigator

- Scanning with VAST® intelligence
- Automatic measurement strategy generation with navigator functions
- Object optimized programming
- CALYPSO® - the leading scanning software

3 Controls - scanning engine

Depending on the measuring task, you can save between 15% and 65% of measuring time.

- Complete dynamic correction for machine and styli in real time
- "Look ahead" for fast scanning
- Modular hardware platform for multi-sensor support and upgradeability



Your gateway to Navigator technology

Increase your CMM productivity

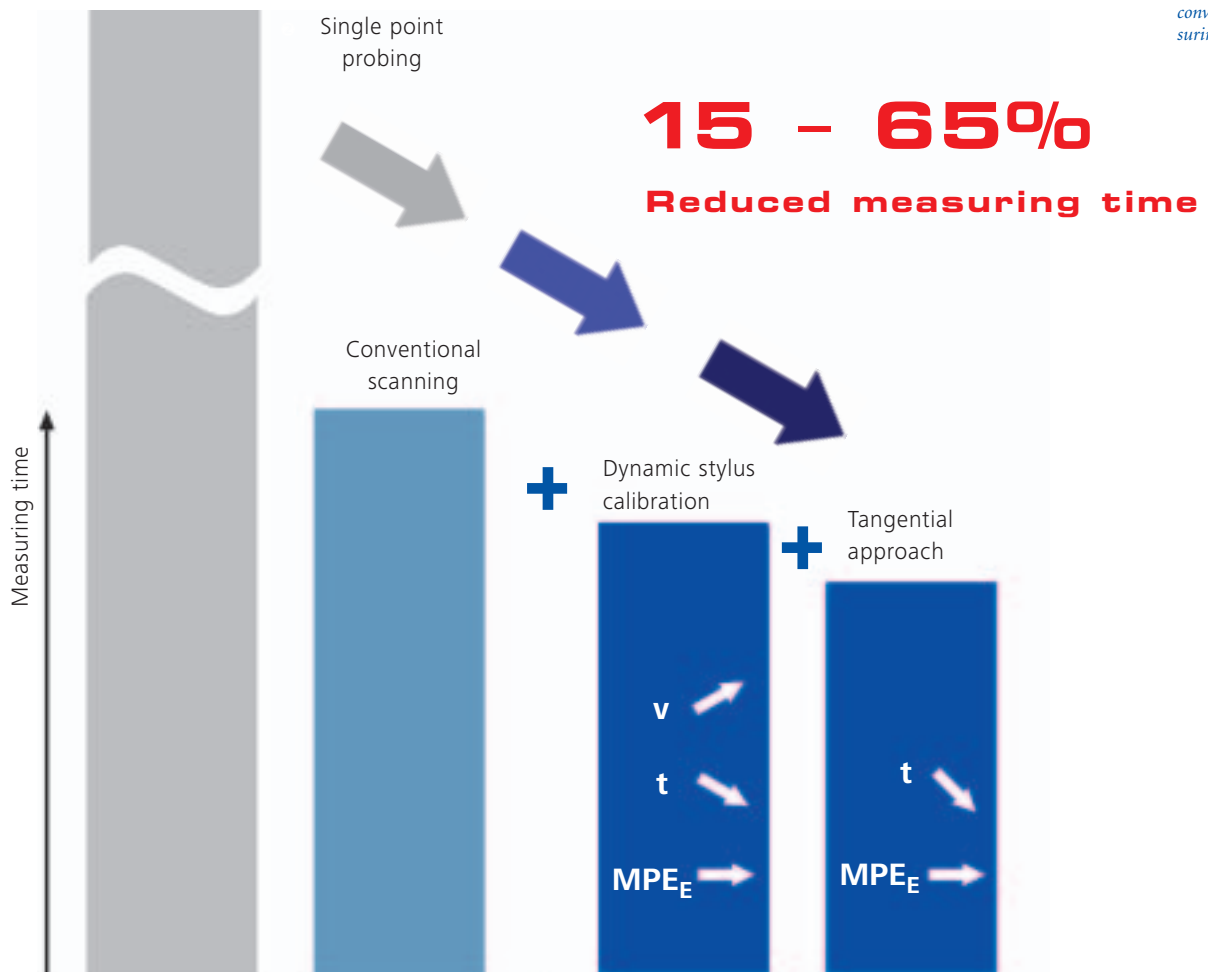
VAST® Navigator is a result of continuous improvement of the ZEISS VAST high-speed scanning technology. By combining dynamic calibration with Helix scanning, tangential approach and probing, you can measure very accurately in an extremely short time. With VAST® Navigator, the third generation of Zeiss scanning, you increase the measuring performance and productivity of your coordinate measuring machine.


The new VAST® Navigator scanning procedure unites three advantages:

1. Unlike conventional procedures, no ring gages are required for calibration.
2. The calibration procedure is no longer dependent on the dimensions and spatial geometry of the single features.
3. Calibration takes place solely on the reference sphere.

Following dynamic stylus calibration, you can measure with high, variable speed, in variable scanning planes and with unsurpassed accuracy.

VAST Navigator compared to conventional measuring methods



	PACKAGE 1	PACKAGE 2	PACKAGE 3	PACKAGE 4	PACKAGE 5	PACKAGE 6
	C99	C99	C98	C98	C99	C98
	Calypso®	UMESS UX	Calypso®	UMESS UX	Umess UX → Calypso	Umess UX → Calypso
VAST® Gold probe	●	●	●	●	●	●
C 99 Retrofit package (Scanning)			●	●		●
Scanning engine controls	●	●			●	
Calypso® software					●	●
Calypso® software update	●		●			
UMESS-UX software update		●		●		
Training	●	●	●	●	●	●
Calypso® training					●	●

● Included in package

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