



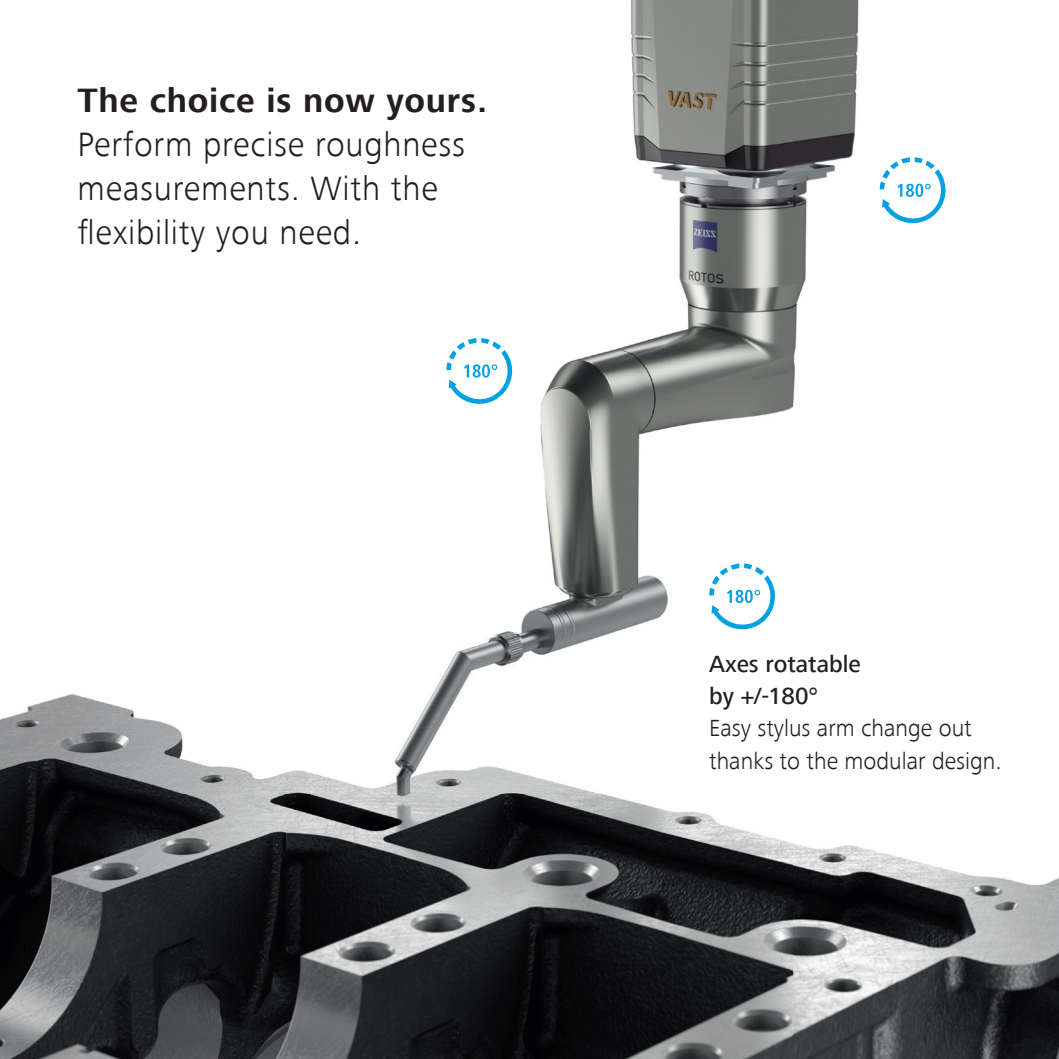
**A whole new dimension for
roughness measurements.**

ZEISS ROTOS



The choice is now yours.

Perform precise roughness measurements. With the flexibility you need.



180°

180°

180°

Axes rotatable
by $\pm 180^\circ$

Easy stylus arm change out
thanks to the modular design.



- No reclamping on different machines
- Minimum set-up times
- Measurement controlled by CNC program
- Programmable via offline simulation
- Standardized measurement report with ZEISS PiWeb
- Accessibility for any application: three axes each featuring +/- 180°
- Overhead measurements
- Modular design with three stylus arms: RS1, RS2, RS3

Starting in May 2018, additional application-specific stylus arms will be available, including skidless systems for measuring roughness and waviness on sealing faces.

Your benefits at a glance



ZEISS ROTOS RS1 / RS2

Offset stylus arm for standard applications and optimum accessibility. Measurements can be performed in any spatial orientation. Also suitable for measuring reset surfaces (RS1: skidless).



A wide variety
of sensors to choose from

ZEISS ROTOS RS3

Thin stylus arm for small diameters, e.g. measuring valve guides. Measurements can be performed in any spatial orientation.



ZEISS ROTOS offers optimum precision and maximum flexibility when performing roughness measurements thanks to its modular design and **rotation in three axes: easy-to-change stylus arms** further expand the range of possible applications.



Increased measuring speed, greater flexibility.

The complete integration of the roughness measurement on your coordinate measuring machine (CMM) ensures that you capture all the characteristics of your component in one measurement run – in full compliance with the standards.



Highly precise measurements thanks to ZEISS technology.

You benefit from the cutting-edge precision of ZEISS measuring technology with roughness values of 0.03 Ra* (dependent on the measuring machine, ambient conditions and stylus arm).



The perfect overview: all analysis results are available in a single report.

All common surface parameters can be evaluated in ZEISS PiWeb in conjunction with size, form and location and are shown in precisely the way you want.



Increased efficiency means you reduce your costs.

By integrating the roughness measurement into the measurement runs on your CMM, you avoid time-consuming reclamping on special machines for surface measurements.

ZEISS ROTOS

Compatibility

The ZEISS ROTOS sensors are available for the following measuring systems:

- ZEISS PRISMO (manufactured since: 04/2017)
- ZEISS PRISMO ultra (manufactured since: 04/2017)
- ZEISS CenterMax (manufactured since: 07/2018)
- ZEISS ACCURA and ZEISS MMZ
(sizes and manufacturing year available upon request)
- Retrofit quotations available upon request

ZEISS ROTOS will be available starting in May 2018.

Schedule your demo today!

Register now for a customized ROTOS demo or our free webinar on surface measuring technology using coordinate measuring machines by going to: www.zeiss.de/imt

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