

# The optical solution with the right touch

**ZEISS O-INSPECT** 



Seeing beyond

## Two measuring techniques for a perfect result

O-INSPECT multisensor measuring machines from ZEISS enable new opportunities to optimally measure each characteristic – optically or through contact measurement. Its special feature: ZEISS O-INSPECT delivers ISO-10360 compliance in 1D, 2D and 3D – tactile and optical.



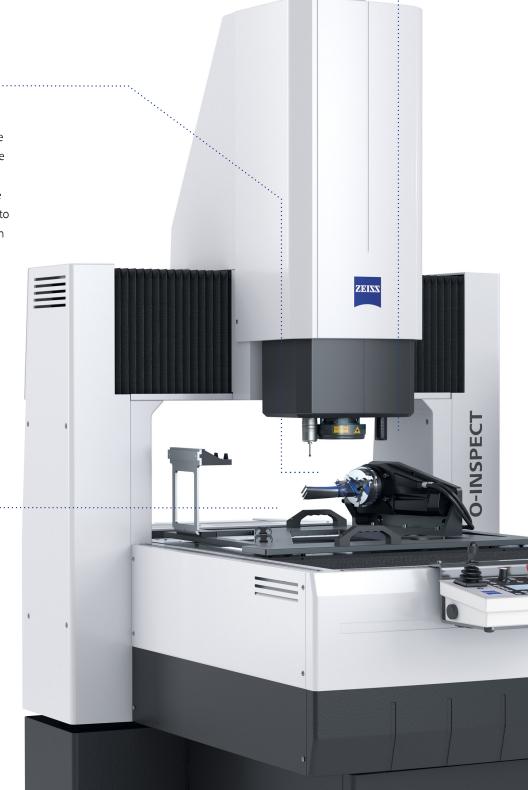
#### **Accuracy from all sides**

The optional rotary table enhances the ZEISS O-INSPECT with a programmable rotary axis, enabling the inspection of characteristics from all sides. You have the option of integrating it in a pallet to achieve different positions and shorten the setup time.



## Increased reliability in less time

The integrated pallet system with an interface for automatic temperature capture lets you save time while ensuring greater reliability.





capture the smallest details.

#### Quick and precise 3D tactile measurements

ZEISS VAST XXT opens up high-accuracy scanning by recording a large number of measurement points in a single movement unique in this equipment category.

### Optical measurements for sensitive

capture of workpiece topography. Available as an option when you have sensitive, reflective or low-contrast surfaces that make it difficult to use other sensors.



#### Software tailored to every application

ZEISS CALYPSO offers improved visualization options to save you time. CAD models can be displayed superimposed and possible deviations (ACTUAL to TARGET) can be seen quickly. Thanks to a variety of options, ZEISS CALYPSO also offers the right tools for special requirements.



#### **Professional and actionable reports**

ZEISS PiWeb offers one-click documentation and visualization of your measurement data, giving you useful insights into your parts and processes.

## ZEISS O-INSPECT – **Specifications**

		ZEISS O-INSPECT 3/2/2	ZEISS O-INSPECT 5/4/3	ZEISS O-INSPECT 8/6/3
Camera	ZEISS Discovery.V12	1		I
Measuring volume	in mm³	300x200x200	500x400x300	800x600x300
Field of view	min	16.1x12.0 mm²	16.1x12.0 mm²	16.1x12.0 mm <sup>2</sup>
	max	1.3x1.0 mm <sup>2</sup>	1.3x1.0 mm <sup>2</sup>	1.3x1.0 mm²
Length measurement error MPE(E)	in 1D	1.6µm+L/200	1.4µm+L/250	1.5µm+L/250
	in 2D	1.9µm+L/150	1.6µm+L/250	1.8µm+L/250
	in 3D	2.4μm+L/150	1.9µm+L/250	2.2μm+L/250
Software	ZEISS CALYPSO			



**ZEISS O-INSPECT 3/2/2** 

**ZEISS O-INSPECT 5/4/3** 

**ZEISS O-INSPECT 8/6/3** 

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