Seeing beyond

Discover the new ZEISS T-SCAN hawk with GOM Inspect Suite, a portable scanning solution

Start here

Triple Infotech
Joses Samuel

Sales Head
9663693203
joses@tripleinfotech.com

Part of #HandsOnMetrology

Made for makers

The new ZEISS T-SCAN hawk with GOM Inspect Suite

ZEISS

Seeing beyond

zeiss.com

Intro

Highlights

GOM Inspect Suite

Features

Applications

Video Teaser

Technical Data

Contact

Click to navigate

ZEISS

Seeing beyond

zeiss.com

Your portable solution for 3D scanning and easy inspection

The new T-SCAN hawk is portable, precise and made to make a difference: In combination with the pre-installed software GOM Inspect Suite, the powerful solution assists you along every step of your task. From scanning high quality 3D data to delivering high quality results. It's made to simplify processes. **It's made for you.**

Made to be portable

The new T-SCAN hawk is designed to capture data wherever it is needed. The lightweight hand-held solution supports you in production or on site, from reverse engineering to quality control.

Made to be precise

The portable 3D laser scanner includes impressive technical features such as photogrammetry of large objects, multiple laser sources and three scanning modes even for fine details or deep pockets – all to deliver 3D measurement data with the highest precision.

Made to make a difference

The new T-SCAN hawk with pre-installed GOM Inspect Suite is a complete solution to simplify your entire workflow from scanning to evaluation and reporting.

Making quality visible
GOM Inspect Suite

GOM Inspect Suite makes just about anything possible. The all-in-one solution allows you to import CAD data and acquire measuring data regardless of the system. It supports you in 3D printing and reverse engineering and assists you in inspection and evaluation. It's the established standard in 3D metrology that simplifies and speeds up your workflow.

Download for free | Learn more

Click to visit the HandsOnMetrology website

Anything, anywhere: the portable solution

- Lightweight, compact 3D laser scanner
- Travel-friendly to support you on the spot
- Assists you in confined spaces and difficult-to-reach areas

Easy to use, ready to use

- Stand-alone device
- Ready to start in no time
- Easy, intuitive scanning process

Integrated photogrammetry for large objects

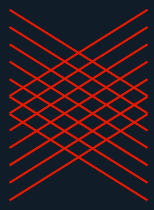
- Take the scanner to the object: flexible use on large or heavy objects
- Enhanced precision for scanning parts up to multiple meters
- Highly reliable results

Multiple laser sources adapting to your needs

- Two available laser sources: red and blue
- Captures data on many surfaces and materials
- Suitable for dark and shiny objects, deep pockets and small details

Three scanning modes at the push of a button

The flexible solution allows you to change modes within one single scan job.



Red crosses for large areas

Efficiently scan large sections or use it for fast 3D reconstruction

Blue lines for fine details

Suitable for small parts, details or for dark, shiny surfaces

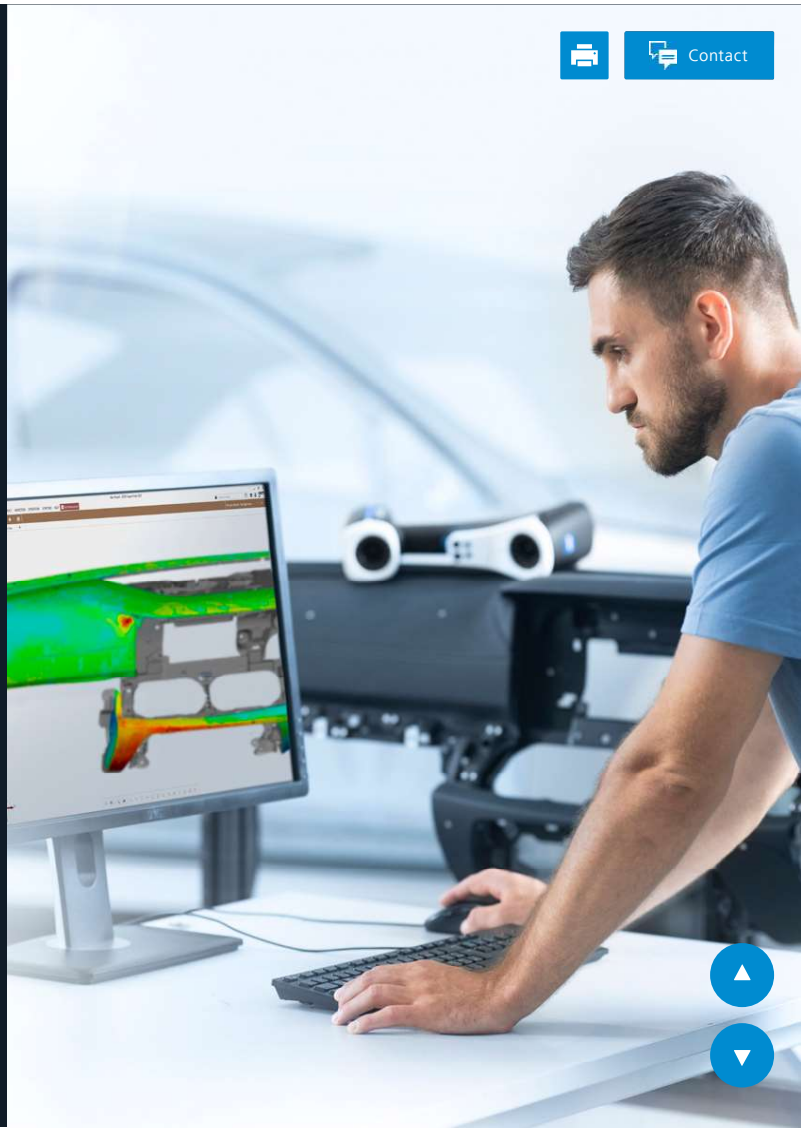
Single red line for confined areas

For deep pockets or hard-to-reach areas

Ready for easy inspection

Use a powerful solution consisting of optical scanning and GOM Inspect Suite software.

- Easy and efficient surface inspection
- Create a 3D visualization of any surface and see nominal data, actual status and deviations simultaneously
- Assists your inspection of surface defects and many other needs



For your convenience: control buttons

The operation is in your hands: navigate intuitively through the complete scanning procedure via control buttons on the scanner.

Move it: dynamic measurements

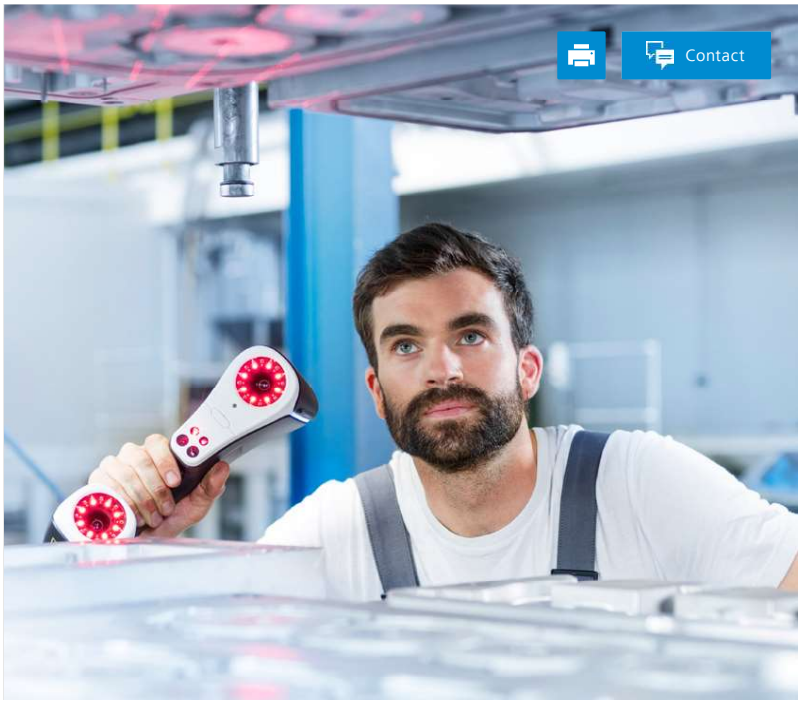
You need to move the object while you scan it? Thanks to the dynamic measurement function your object can be repositioned during the scanning process.

Stay flexible: dynamic referencing

With the new T-SCAN hawk, you can capture 3D data with high precision even on moving objects and in difficult ambient conditions including vibrations

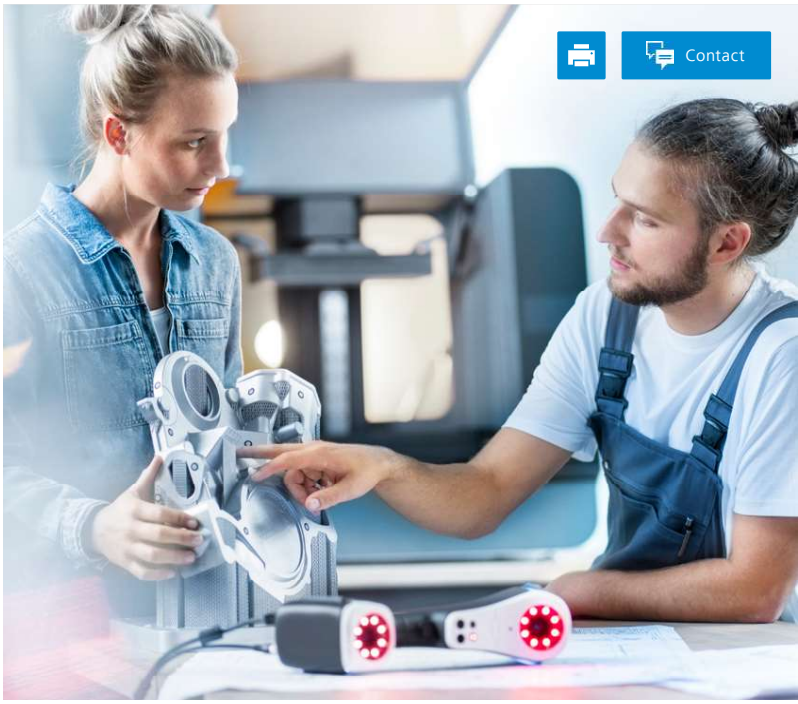
Made for maintenance

The new T-SCAN hawk with GOM Inspect Suite assists you in maintenance, repair and overhaul. Wherever the job leads you, the portable solution travels with you in just one case. It helps you find defects and draw the right conclusions fast.



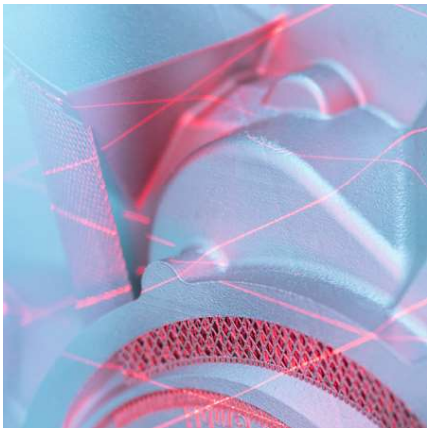
Made for manufacturers

The new T-SCAN hawk with GOM Inspect Suite is the all-in-one solution that puts industrial precision in your hands. Take it to molding and production areas or wherever it is needed, upgrade your quality control from tool to final part or fully digitize any object to create a digital twin.



Made for makers

The new T-SCAN hawk with GOM Inspect Suite is your ideal partner for 3D metrology. The flexible hand-held solution supports you with tasks such as 3D printing, rapid prototyping or reverse engineering and gets you there faster and easier.



Range of applications

Reverse engineering

- From shape to CAD
- Archiving of tools and cultural heritage
- Everything from small details to very large parts

Maintenance

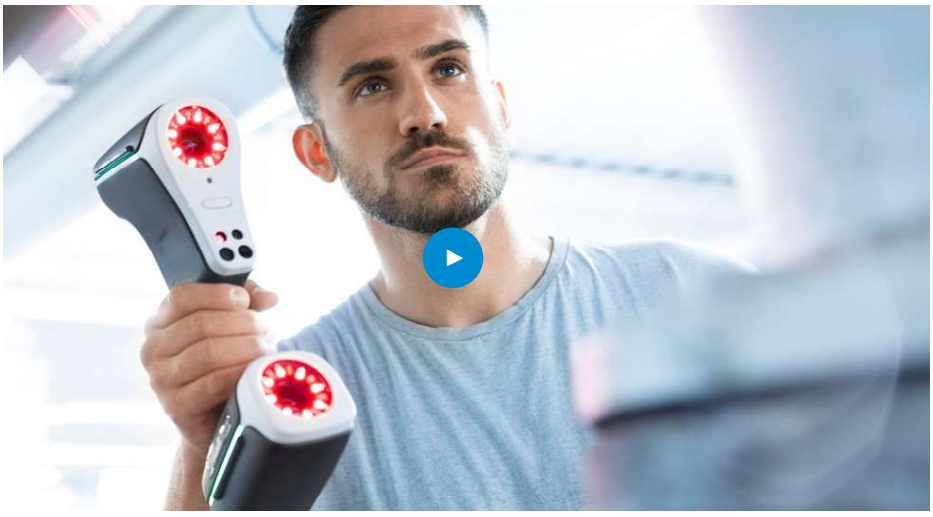
- 3D inspection of wear and damage
- Portable, indoor and outdoor
- Trend analysis

Quality control

- Actual comparison with CAD
- Functional dimensioning
- Shop floor inspection

Made for those who are making, scanning and inspecting

Dive into the world of the new T-SCAN hawk with GOM Inspect Suite.



Click to play the video in your browser

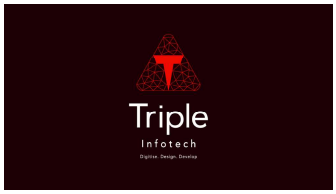
Technical Data

T-SCAN hawk

Type / T-SCAN hawk			
Scan mode	Standard	Single line	Fine
Laser source	7 red crosses	Red line	5 blue lines
Resolution	0.05 mm	0.05 mm	0.01 mm

Scanning area	Up to 550 mm x 600 mm
Detailed scan	Supported
Deep pockets	Supported
Built-in photogrammetry	Supported
Accuracy	0.02 mm + 0.035 mm/m
High-precision GOM scalebar	with optional internal photogrammetry
Laser class (IEC 60825-1:2014)	Class 2M (eye-safe)
Software	GOM Inspect Suite

Contact us



Triple Infotech
Joses Samuel

Sales Head
9663693203
joses@tripleinfotech.com

GOM GmbH
a ZEISS company

Schmitzstraße 2
38122 Braunschweig
Germany
Tel: +49 531 390290
info@gom.com