

GO!D SCAN 3

Go!SCAN 3D: THE FASTEST AND EASIEST
HANDHELD 3D SCANNING EXPERIENCE





Go!SCAN 3D™ offers our **easiest** portable 3D scanning experience, providing truly fast and reliable measurements.

You need simplified, **quick**, affordable and **reliable** 3D scanning? Go!SCAN 3D was designed with you in mind. Through a very efficient process, the system can be used by anyone without requiring any prior experience or background, and provides visual guidance as you are scanning. Its innovative technology **bypasses preparation steps** and specific setups, provides a **large scanning area** as well as a very fast measurement rate, and does not require manual data post-processing.

The Go!SCAN 3D features the *TRUaccuracy™* technology, which **guarantees accuracy** regardless of the work environment or part set-up. As the newest member of our portable 3D scanner family, the Go!SCAN 3D continues our well-established tradition of reliability and versatility.

Easy. Fast. Reliable. Introducing the Go!SCAN 3D.

APPLICATIONS

Reverse Engineering / Styling, Design and Analysis

- Industrial design
- Technical drawings
- 3D-scan-to-CAD
- Clay model digitizing
- Prototype iteration
- Digital models and mock-ups
- Die and mold design
- Handmade model digitizing
- Custom part design
- Packaging design
- Aftermarket part design
- Rapid prototyping and manufacturing
- Small-scale production
- Competition analysis

Quality Control / Inspection

- Non-contact inspection
- Part-to-CAD inspection
- First article inspection
- Casting inspection



Go!SCAN 3D SOLUTION

TRUsimplicity™:

USER-FRIENDLY REGARDLESS OF THE EXPERIENCE LEVEL, UP-AND-RUNNING IN A FEW MINUTES.

POINT AND SHOOT: NO NEED FOR A RIGID SET-UP, OR TO PREPARE PARTS. JUST GO!

SELF-POSITIONING DEVICE: NO CMM, MEASURING ARM, ETC.

FAST: OBTAIN RESULTS UP TO **10X FASTER** THAN STANDARD 3D SCANNERS.

DIRECT MESH OUTPUT



VISUALIZE RESULTS IN REAL-TIME



FLEXIBLE: SCAN WITH OR WITHOUT POSITIONING TARGETS, DEPENDING ON THE PART GEOMETRY.

VERSATILE: SCAN A **WIDE RANGE OF PARTS** IN DIFFERENT SIZES, MATERIALS AND COLORS.

TRUaccuracy™: PROVIDES AN ACCURACY OF **UP TO 0.1 mm**, FOR RESULTS YOU CAN COUNT ON.

DYNAMIC REFERENCING: IT IS POSSIBLE TO **MOVE THE PART DURING SCANNING**.

TRUportability™: HANDHELD AND LIGHTWEIGHT, WEIGHS ONLY 2.4 LBS WITH AN ERGONOMIC DESIGN.

ON-THE-GO SCANNING: FITS INTO A CARRY-ON CASE, SO YOU CAN USE IT BOTH **IN-HOUSE OR ON SITE**.





VXelements™

The **Go!SCAN 3D scanner** comes with VXelements, a fully-integrated **3D data acquisition software** that powers our entire fleet of 3D scanning and measurement technologies. It gathers all the essential elements and tools into a uniform, user-friendly and intuitive working environment.

VXscan Software Module

VXscan is entirely dedicated to the acquisition and optimization of 3D scanning data. It delivers high performance for that specific task, yet it is simple and user-friendly enough to suit any user's experience level.

ACCESSORIES

Included

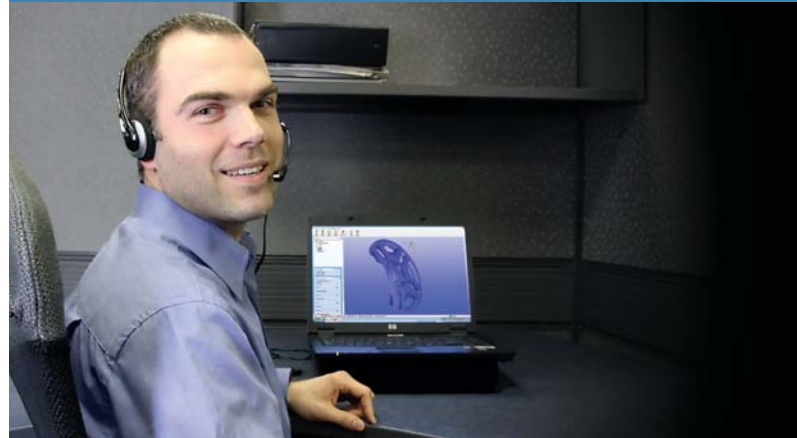
- Carrying case
- Calibration plate
- Power supply
- Custom USB cable
- 2 x 500 positioning targets
- 1-year warranty on parts and labour

Optional

- Certified laptop computer
- Field Pack (for outdoors, on-site scanning)



CREAFORM CUSTOMER SERVICE



When you purchase a Go!SCAN 3D scanner, Creaform backs you up with the CreaCare customer service program. We offer readily available, multilingual technical support on all continents, provided by knowledgeable, proactive and committed product specialists.

We find it important to help you simplify your work, increase your efficiency and make the most of your Go!SCAN 3D. That is why all Creaform technologies come with a free CreaCare maintenance plan and annual calibration for the first year. To keep you on the technological edge, you can also choose to get instant downloading access to every new release of VXelements (and the VXscan module). If you wish, you can ask that a qualified metrologist or applications engineer comes over to your premises to help you get started with your 3D scanner, and to provide training on your specific applications.

Last but not least, the Creaform client service agents follow-up with each and every client to make sure that they are satisfied with their Go!SCAN 3D, and that they know exactly who to contact in case a problem arises. And if anything should happen, we guarantee quick and reliable service.

Go!SCAN 3D

RELATED PRODUCTS

COMPATIBLE SOFTWARE

Paired up with the following CAD / post-processing software, the Go!SCAN 3D scanners deliver great performance:

- Geomagic (Studio and Qualify)
- Rapidform (XOS, XOR and XOY)
- InnovMetric Software (PolyWorks)
- Dassault (CATIA V5, SolidWorks)
- PTC (Pro/ENGINEER)
- Siemens (NX and Solid Edge)
- Autodesk (Inventor, Alias, 3ds Max, Maya, Softimage)

Other software platforms: contact our specialists at info@creaform3d.com



TECHNICAL SPECIFICATIONS	GO!SCAN 3D
WEIGHT	1.1 kg (2.4 lbs.)
DIMENSIONS	127 x 156 x 262 mm (5 x 6.2 x 10.3 in.)
LIGHT SOURCE	White light (LED)
MEASUREMENT RATE	550,000 measurements/sec.
RESOLUTION	0.500 mm (0.020 in.)
ACCURACY	Up to 0.100 mm (0.004 in.)
VOLUMETRIC ACCURACY*	0.300 mm/m (0.0036 in./ft)
STAND-OFF DISTANCE	400 mm (15.75 in.)
DEPTH-OF-FIELD	250 mm (10 in.)
SCANNING AREA	380 mm x 380 mm (15 x 15 in.)
SOFTWARE	VXelements
OUTPUT FORMAT	.dae, .fbx, .ma, .obj, .ply, .stl, .txt, .wrl, .x3d, .x3dz, .zpr
CONNECTION STANDARD	1 X USB 2.0
PART SIZE RANGE (RECOMMENDED)	0.3 m – 3.0 m (1 ft – 10ft)

*With positioning targets or with an object presenting sufficient geometry for positioning.

CREAFORM

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