

GO!D SCAN 3

Amtek Company
1244 Ritchie Highway, Suite 10
Arnold, MD 21012
800.926.8359 (Ph.)
410.315.9249 (Fax)
info@amtekcompany.com

Go!SCAN 3D: FAST AND EASY 3D SCANNING



PORTABLE 3D MEASUREMENT SOLUTIONS

CREAFORM



The statue is part of the heritage of the Fabrique Saint-Augustin (Saint-Augustin-de-Desmaures)

Creaform presents Go!SCAN 3D™, a **simple**, portable and affordable **3D scanner** allowing people from various backgrounds to effortlessly capture the 3D shape of any object, including complex, freeform and organic shapes. The resulting 3D models can then be used in all of your computer-assisted processes: archiving, restoration, analysis, content creation...

The Go!SCAN 3D is by far the **fastest** handheld **3D scanner** on the market today, delivering consistent **high-quality 3D models**. Through its highly **intuitive** process, it can be used by anyone without prior experience or training.

Its underlying technology accelerates the overall experience: no preparation or specific setup needed, large scanning area, fast measurement, and direct mesh output. It's the **quickest path possible** to the **3D models** you need!

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

APPLICATIONS

Heritage Preservation

Archiving, restoration, 3D virtual museum

Arts and Architecture

CAD design, modeling, sculpture

Education & Research

Design and engineering classes and projects

Computer Graphics

Multimedia, 3D CG, VFX

Virtual Reality

Serious gaming, augmented reality

Healthcare

Digitized body, orthotics, prosthetics

Others

Forensics, insurance, fashion & clothing



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: STAND-ALONE DEVICE WITH NO EXTERNAL TRACKER.

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

HIGH QUALITY: VISUALLY STRIKING RESULTS, WITH AN INCREDIBLE LEVEL OF DETAILS.

VISUALIZE RESULTS IN REAL-TIME

DIRECT MESH OUTPUT



TRUportability™:

HANDHELD, ERGONOMIC DESIGN AND LIGHTWEIGHT (1.1 KG).

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

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** REGARDLESS OF THE WORK CONDITIONS OR ENVIRONMENT.

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





VXelements™

The **Go!SCAN 3D scanner** come 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

Export the 3D mesh models captured with the Go!SCAN 3D to the following CAD/post-processing software:

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



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

| TECHNICAL SPECIFICATIONS | | GO! SCAN 3D |
|-------------------------------|--|--|
| WEIGHT | 1.1 kg (2.4 lbs.) | That's about the same as a liter of milk |
| DIMENSIONS | 127 x 156 x 262 mm (5 x 6.2 x 10.3 in.) | Think about a box of tissues |
| LIGHT SOURCE | White light (LED) | Similar to your LED flashlight |
| MEASUREMENT RATE | 550,000 measurements/sec. | Each second, 550,000 measurements are recorded to quickly create the 3D model. |
| RESOLUTION | 0.500 mm (0.020 in.) | Corresponds to a grain of sand (but please don't try to scan one) |
| ACCURACY | Up to 0.100 mm (0.004 in.) | Less than the thickness of a human hair |
| VOLUMETRIC ACCURACY* | 0.300 mm/m (0.0036 in./ft) | Depends on the size of the part you are scanning |
| STAND-OFF DISTANCE | 400 mm (15.75 in.) | About the same natural distance as you would place your favorite book (or e-reader!) |
| DEPTH-OF-FIELD | 250 mm (10 in.) | A greater depth of field means a greater stand-off distance flexibility |
| SCANNING AREA | 380 mm x 380 mm (15 x 15 in.) | Imagine a square that's about half the size of a movie poster |
| SOFTWARE | VXelements | Simple but powerful 3D scanning software that comes with the scanner |
| OUTPUT FORMAT | .dae, .fbx, .ma, .obj, .ply, .stl, .txt, .wrl, .x3d, .x3dz, .zpr | Don't even try to find a software that won't open these files... |
| CONNECTION STANDARD | 1 X USB 2.0 | Same as your smart phone or camera |
| PART SIZE RANGE (RECOMMENDED) | 0.3 m - 3.0 m (1 ft - 10ft) | From an actual foot to a sub-compact car: the possibilities are very wide! |

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



Head Office
5825, rue Saint-Georges
Lévis (Québec) G6V 4L2 Canada
T. 1 418 833.4446 | F. 1 418 833.9588

info@goscan3d.com | www.goscan3d.com



Authorized Distributor