Go!SCAN3D™

THE FASTEST AND EASIEST 3D SCANNING EXPERIENCE

WATCH PRODUCT VIDEO

Creaform

Ametek
ULTRA PRECISION TECHNOLOGIES
The Go!SCAN 3D™ is our fastest, user-friendly handheld 3D scanner. A powerful tool during the product development phase, the Go!SCAN 3D quickly measures any complex surface making it possible to “get it right” the first time. With its seamless integration to your 3D modelling software and your product life cycle management workflow, it will greatly improve product development, foster innovation and shorten time to market.

Designed to scan any object without need for a set-up, it offers flawless texture and geometry acquisition as well as impressive details in a rich color palette. Just go... and scan!

<table>
<thead>
<tr>
<th>SIMPLICITY &amp; VERSATILITY</th>
</tr>
</thead>
<tbody>
<tr>
<td>WHEN EASE OF USE MEETS VERSATILITY &amp; PORTABILITY</td>
</tr>
<tr>
<td>PORTABILITY</td>
</tr>
<tr>
<td>SPEED</td>
</tr>
<tr>
<td>LEVEL OF DETAILS &amp; SCAN QUALITY</td>
</tr>
</tbody>
</table>

High-performance optics
Optimal scan quality

White light technology
Fast 3D scanning

Color texture camera
Realistic color acquisition and reliable tracking

Stand-off distance
Meter display
Maximizes scanning performance

Multifunction buttons
Quick access to frequently used software functionalities

Innovative design
Outstanding user experience

1. High-level of details

2. Accuracy up to 0.050 mm (0.0020 in)

3. Color acquisition

4. No set-up required

5. Worldwide support

6. Patented technology

WORLDWIDE SUPPORT
NO SET-UP REQUIRED
SIMPPLICITY & VERSATILITY
HIGH LEVEL OF DETAILS
ACCURACY UP TO 0.050 mm (0.0020 in)
COLOR ACQUISITION

When it comes to portability, the Go!SCAN 3D is second-to-none. Everything about its design has been considered in order to make your work more efficient. Take it anywhere you need!

Lightweight
1.25 kg (2.7 lb)

Dynamic referencing
Both the object and scanner can be moved freely while scanning

Fits into a suitcase

You need to get your work done quickly? The Go!SCAN 3D is our fastest technology. Most objects can be scanned in mere minutes and quickly integrated into your preferred reverse engineering, computed aided design or 3D printing software.

Instant mesh
Ready-to-use files

High measurement rate
Up to 1,500,000 measurements/s
99% white light scanning lines
Quick set-up
Up and running in less than 2 minutes

The level of detail on the Go!SCAN 3D is simply astounding. Featuring full support of color, it provides spectacular results.

Reliable results
Resolution of 0.100 mm (0.0039 in)
High resolution for intricate details

ASK OUR EXPERT

The user-friendliness of the Go!SCAN 3D is unrivaled, making it possible to scan both small parts and larger objects, regardless of the user’s experience. The Go!SCAN 3D is designed to perform without any part preparations; simply point and shoot. It provides an instant preview during scanning, showing what’s being captured in real-time.

Plug and play
Simple user interface and real-time mesh visualization
Scan any object with a single device
Positioning using geometry, color or targets

When it comes to portability, the Go!SCAN 3D is second-to-none. Everything about its design has been considered in order to make your work more efficient. Take it anywhere you need!

Lightweight
1.25 kg (2.7 lb)

Dynamic referencing
Both the object and scanner can be moved freely while scanning

Fits into a suitcase

You need to get your work done quickly? The Go!SCAN 3D is our fastest technology. Most objects can be scanned in mere minutes and quickly integrated into your preferred reverse engineering, computed aided design or 3D printing software.

Instant mesh
Ready-to-use files

High measurement rate
Up to 1,500,000 measurements/s
99% white light scanning lines
Quick set-up
Up and running in less than 2 minutes

The level of detail on the Go!SCAN 3D is simply astounding. Featuring full support of color, it provides spectacular results.

Reliable results
Resolution of 0.100 mm (0.0039 in)
High resolution for intricate details

ASK OUR EXPERT
## TECHNICAL SPECIFICATIONS

Innovating technology that provides accuracy, simplicity, portability as well as real speed to your metrology-grade applications.

<table>
<thead>
<tr>
<th>TECHNICAL SPECIFICATIONS</th>
<th><strong>Go!SCAN SPARK™</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>ACCURACY</strong>&lt;sup&gt;(1)&lt;/sup&gt;</td>
<td>Up to 0.050 mm (0.0020 in)</td>
</tr>
<tr>
<td><strong>VOLUMETRIC ACCURACY</strong>&lt;sup&gt;(2)&lt;/sup&gt; (based on part size)</td>
<td>0.050 mm + 0.150 mm/m (0.0020 in + 0.0018 in/ft)</td>
</tr>
<tr>
<td><strong>VOLUMETRIC ACCURACY WITH MaxSHOT Next™ / Elite</strong>&lt;sup&gt;(3)&lt;/sup&gt;</td>
<td>0.050 mm + 0.015 mm/m (0.0020 in + 0.00018 in/ft)</td>
</tr>
<tr>
<td><strong>MEASUREMENT RESOLUTION</strong></td>
<td>0.100 mm (0.0039 in)</td>
</tr>
<tr>
<td><strong>MESH RESOLUTION</strong></td>
<td>0.200 mm (0.0078 in)</td>
</tr>
<tr>
<td><strong>MEASUREMENT RATE</strong></td>
<td>1,500,000 measurements/s</td>
</tr>
<tr>
<td><strong>LIGHT SOURCE</strong></td>
<td>White light (99 stripes)</td>
</tr>
<tr>
<td><strong>POSITIONING METHODS</strong></td>
<td>Geometry and/or color and/or targets</td>
</tr>
<tr>
<td><strong>SCANNING AREA</strong></td>
<td>390 x 390 mm (15.4 x 15.4 in)</td>
</tr>
<tr>
<td><strong>STAND-OFF DISTANCE</strong></td>
<td>400 mm (15.7 in)</td>
</tr>
<tr>
<td><strong>DEPTH OF FIELD</strong></td>
<td>450 mm (17.7 in)</td>
</tr>
<tr>
<td><strong>PART SIZE RANGE</strong> (recommended)</td>
<td>0.1–4 m (0.3–13 ft)</td>
</tr>
<tr>
<td><strong>TEXTURE RESOLUTION</strong></td>
<td>50 to 200 DPI</td>
</tr>
<tr>
<td><strong>TEXTURE COLORS</strong></td>
<td>24 bits</td>
</tr>
<tr>
<td><strong>SOFTWARE</strong></td>
<td>VXelements</td>
</tr>
<tr>
<td><strong>OUTPUT FORMATS</strong></td>
<td>.dae, .fbx, .ma, .obj, .ply, .stl, .txt, .wrl, .x3d, .x3dz, .zpr, .3mf</td>
</tr>
<tr>
<td><strong>COMPATIBLE SOFTWARE</strong>&lt;sup&gt;(4)&lt;/sup&gt;</td>
<td>3D Systems (Geomagic® Solutions), InnovMetric Software (PolyWorks), Metrologic Group (Metrolog X4), New River Kinematics (Spatial Analyzer), Verisurf, Dassault Systemes (CATIA V5, SOLIDWORKS), PTC (Creo), Siemens (NX, Solid Edge), Autodesk (Inventor, PowerINSPECT)</td>
</tr>
<tr>
<td><strong>WEIGHT</strong></td>
<td>1.25 kg (2.7 lb)</td>
</tr>
<tr>
<td><strong>DIMENSIONS</strong> (LxWxH)</td>
<td>89 x 114 x 346 mm (3.5 x 4.5 x 13.6 in)</td>
</tr>
<tr>
<td><strong>CONNECTION STANDARD</strong></td>
<td>1 X USB 3.0</td>
</tr>
<tr>
<td><strong>OPERATING TEMPERATURE RANGE</strong></td>
<td>5–40°C (41–104°F)</td>
</tr>
<tr>
<td><strong>OPERATING HUMIDITY RANGE</strong> (non-condensing)</td>
<td>10–90%</td>
</tr>
<tr>
<td><strong>CERTIFICATIONS</strong></td>
<td>EC Compliance (Electromagnetic Compatibility Directive, Low Voltage Directive), compatible with rechargeable batteries (when applicable), IP50, WEEE</td>
</tr>
</tbody>
</table>

<sup>(1)</sup> Typical value for diameter measurement on a calibrated sphere artefact.

<sup>(2)</sup> Performance assessed with traceable length artefacts using positioning targets. Objects with sufficient geometry/color texture can enable this level of performance without positioning targets. Results are obtained using integrated photogrammetry with volumetric accuracy optimization.

<sup>(3)</sup> The volumetric accuracy of the system when using a MaxSHOT 3D cannot be superior to the default accuracy.

<sup>(4)</sup> Also compatible with all major metrology, CAD, and computer graphic software through mesh and point cloud import.