



Portable Metrology Solutions

# SOLVING COMPLEX 3D MEASUREMENT CHALLENGES

# We bring new frontiers to light

Part of AMETEK, Creaform is a proud leader in developing and manufacturing breakthrough 3D measurement and scanning solutions for thousands of clients worldwide. As the pioneer of the handheld 3D scanner, Creaform has redefined the boundaries of metrology and continues to push the limits of scanning technology, setting new industry standards.

This innovative spirit matches our commitment to solving our clients' most complex challenges, driving us to continually refine our technology, raise expertise, and prioritize their needs. Guided by this engagement, we empower manufacturing companies to elevate quality, maximize productivity, and accelerate time to market.

FIELD-TESTED,  
CLIENT-TRUSTED  
SOLUTIONS

Over 20 years of experience  
More than 10,000 satisfied clients,  
including major industrial OEMs

PIONEER OF  
THE HANDHELD  
3D SCANNER

Technology leader  
Inventor and original visionary of  
handheld 3D scanning

PART OF  
**AMETEK**

Robust financial support  
Leading innovation capacity  
Cross-industry expertise

METROLOGICAL  
RIGOR AND HIGHEST  
QUALITY STANDARDS

ISO 9001, ISO 14001 and ISO 27001 certified  
ISO/IEC 17025 accredited  
ISO 10360 and VDI/VDE 2634 part 3  
standards compliant

FIRST-CLASS  
CUSTOMER SUPPORT  
AND USER  
EXPERIENCE

Plug-and-play hardware and  
intuitive software  
Team of technical specialists  
speaking 8 languages  
Local service centers



# Creaform's Approach to Product Development

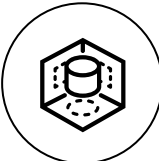
In product development, engineers and designers often create comprehensive 3D models from existing objects ready for manufacturing, simulation, and 3D printing. This involves key steps like 3D scanning and 3D modeling. Creaform provides all the essential tools to streamline the entire reverse engineering process, accelerating time to market and giving companies a competitive edge.

With integrated solutions combining 3D scanners and innovative software platforms, Creaform delivers all the necessary information to develop new parts accurately and efficiently on the first try, eliminating multiple trial-and-error iterations and reducing the processing time required to integrate 3D models into CAD software.



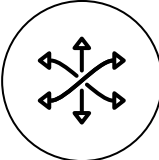
**Simplest and Most Intuitive 3D Scanning Solutions**

Our integrated hardware and software provide users with the most intuitive, easy-to-use experience.



**Fastest Time to CAD or Ready Data**

Our Scan-to-CAD software module ensures the fastest path to CAD, 3D print, or usable data.



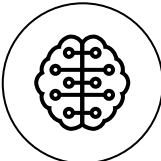
**Most Versatile 3D Scanning Technology**

Our superior 3D scanning algorithms and blue laser technology allow measuring any surface type.



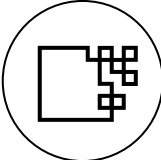
**Complete & Integrated Software Application Suite**

The Creaform Metrology Suite™ includes industry-leading Scan-to-CAD and Inspection application modules.



**Evolutive 3D Scanning Solutions**

Our 3D solutions deliver long-term value through continuous algorithm optimization and new feature additions.



**Highest Quality 3D Scan Data**

Our high-resolution 3D scanners extract superior mesh quality with the finest details.

## In action



**Save hours integrating physical objects into your product designs.**

Not only is it easier to clean and align scan data and extract hole locations, complex surfaces, or any 2D and 3D measurements, but it also transfers richer information parametrically into CAD software, optimizing the time from scan to CAD with ready-to-use data.



**Transform 3D scans into CAD models with ease.**

Integrating data acquisition and feature extraction into a single, intuitive platform enables product designers to learn just one interface, streamlining software adoption and making reverse engineering accessible to all. This efficiency enables design teams to develop higher-quality products in fewer iterations.



**Capture 3D scan data with fine precision.**

High-resolution 3D scanning systems capture high-quality 3D scan data, enabling the software to create meshes with finer details of intricate features. This allows product designers to develop parts that fit and function seamlessly with existing components, reducing iteration cycles during the design phase.



**Capture shiny surfaces without extra steps.**

Blue laser technology offers superior performance and delivers better readings of difficult, contrasted surfaces, providing the ability to master any surface type, including shiny, oily, and reflective finishes, without requiring surface treatment or part preparation.

# Creaform Helps Solve Quality Control Issues

In quality control, quality professionals need reliable results they can trust. Only then can they make informed decisions to address their manufacturing challenges. Creaform's portable metrology solutions enable professionals to confidently validate the quality of manufactured parts without questioning the reliability of their measuring devices.

Creaform is ISO 9001 and ISO 14001 certified, reflecting our commitment to the highest quality standards. Our metrological rigor is further assured through ISO/IEC 17025 accreditation for our in-house laboratory, alongside compliance with ISO 10360 and VDI/VDE 2634 part 3 standards, ensuring verifiable and trusted specifications that meet the industry's strictest requirements.

**Reliable Metrology-Grade Accuracy**

Our commitment to metrological rigor is demonstrated through the most notorious quality accreditations.

**Highest Accuracy for Handheld 3D Scanners**

Our HandySCAN BLACK+™ | Elite Limited delivers the best accuracy on the market for a handheld 3D scanner.

**True Shop-Floor Accuracy**

Our Dynamic Tracking algorithms allow for the most accurate 3D measurements in any environment.

**Fastest Time to Usable Data or Reporting**

Our inspection software displays the best fit with CAD in just three quick clicks (scan, align, colormap).

**Highest Quality 3D Scan Data**

Our high-resolution 3D scans enhance the detection of defects, deviations, and surface imperfections.

**Most Versatile 3D Scanning Technology**

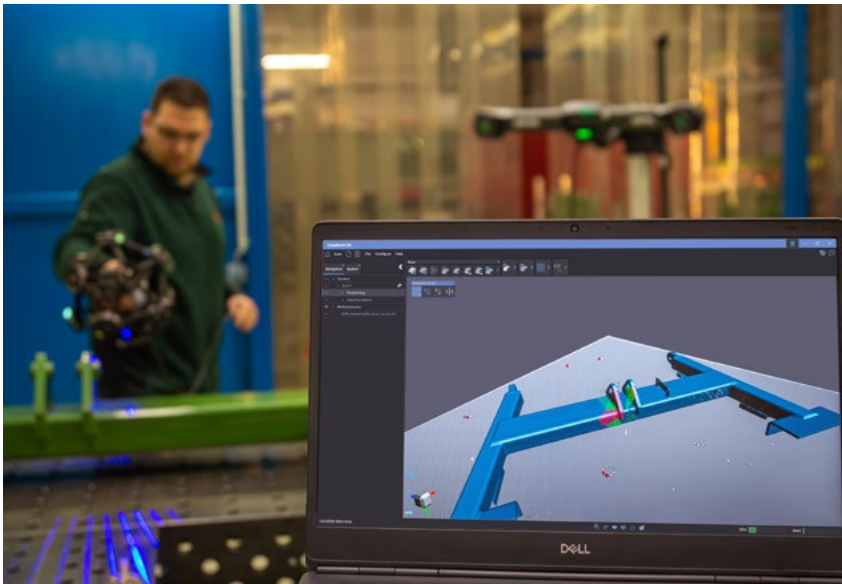
Our superior algorithms and blue laser technology have rendered powder application irrelevant and outdated.

## In action



**Rely on your 3D scanners, built to the highest quality standards.**

Our commitment to metrological rigor is demonstrated through our 20 years of experience, our state-of-the-art manufacturing and development center located in Canada, and our global team of multi-disciplinary experts, ensuring every Creaform 3D system meets the highest industry standards.



**Accelerate your inspections with instant reports.**

Integrating the acquisition and application modules into a single platform and adding automatic functionalities, such as feature extraction and automatic best-fit, ensure the fastest path to reporting or usable data.



**Ensure compliance and quality with trusted, accredited accuracy.**

Accuracy is more than a number mentioned on a specification sheet. It is the indicator of the manufacturer's seriousness and commitment to quality. It reveals the level of technical expertise, knowledge, and proficiency it may possess to develop and produce high-quality and reliable measuring instruments.



**Get the most accurate 3D measurements wherever you need them.**

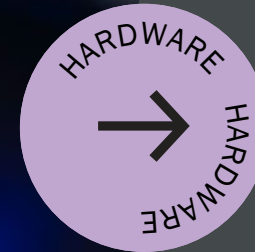
The metrology-grade attributes of our 3D scanning devices, combined with the surprising effectiveness of targets, allow manufacturers to accurately measure anything anywhere, regardless of environmental instabilities, and achieve consistent, reliable results anytime.

# Product Offering

## Complete Portfolio, Elevated Experiences

Through a forward-thinking approach and innovation-led solutions, Creaform tackles the real-world dimensional measurement challenges that prevail across various industries in product development and quality control applications.

Our product offering, which integrates both state-of-the-art hardware and advanced software, provides lasting solutions that evolve with industry needs. Together, these integrated solutions deliver the portable metrology capabilities that our customers need to excel in every aspect of their work.



# Customer Service



## Partnership takes form

From day one, Creaform partners with its clients, guiding them through a seamless onboarding experience. Our customer-driven and solution-focused team provides continuous support and valuable resources, ensuring users maximize their 3D scanning journey. As client needs evolve, we consistently enhance our offerings, delivering lasting, future-ready solutions that tackle manufacturing challenges head-on.

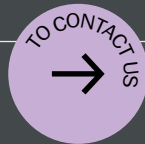
## By Your Side Through the Complete Journey



# Partner with us for your next challenges

For an unparalleled experience connect with us  
at the nearest office located in Germany.

[creaform3d.com](https://creaform3d.com)



**CREAFORM / AMETEK®**

Authorized Distributor

HandySCAN 3D, HandySCAN BLACK+1 Elite, HandySCAN BLACK+1™ Elite Limited, HandySCAN SILVER Elite, HandySCAN MAX Elite, MetraSCAN 3D, MetraSCAN BLACK Elite, GoSCAN 3D, GOISCAN SPARK, HandyPROBE, HandyPROBE Next Elite, MaxSHOT 3D, MaxSHOT NEXT Elite, Creaform.OS and Creaform Metrology Suite are trademarks of Creaform Inc. © Creaform Inc. 2025.  
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