Metrology-Grade 3D Scanner Optimized for Efficiency

HandySCAN 3D

EVO Series

Part of the HandySCAN 3D™ line-up, the industry standard in portable metrology-grade 3D scanners, the HandySCAN 3D|EVO Series™ features a powerful embedded graphical user interface (GUI) that enhances user experience and efficiency while delivering Creaform's flagship metrology-grade qualities: proven reliability, renowned portability, and unmatched accredited accuracy.

By integrating augmented reality (AR) capability and a photo camera, the EVO Series further streamlines and enhances the inspection process—enabling QA and QC professionals to document part assessments better and faster, and execute workflows with greater efficiency.

The HandySCAN 3D|EVO Series also offers wireless capability and a robust 3D metrology software platform—providing a fully integrated solution, redefining ease of use, and empowering new users to quickly master the technology, all while also meeting the needs of the most advanced users.





Wireless capability & live 3D visualization
Optimized use in hard-to-reach environments

Future-ready technology
Ongoing evolution via Creaform.OS updates

Made in North America
Worldwide customer support

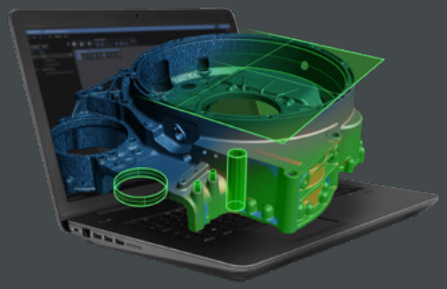
CREAFORM / AMETEK®

INNOVATION TAKES FORM

Powerful, Intuitive Software for Optimal User Experience

Creaform.OS™ is a powerful, integrated operating software that provides the best 3D measurement experience across all Creaform systems.

Featuring an intuitive interface, user-friendly tools, embedded content, and learning tutorials, the platform is designed to streamline onboarding for new users and overcome a lack of experience, ensuring they can fully leverage the capabilities of their 3D scanners and optical CMMs.



Live meshing | Integrated photogrammetry | Smart Resolution

Creaform Metrology Suite™ provides a comprehensive portfolio of application software modules designed for any metrology task.

- **Scan-to-CAD**
  The most intuitive reverse engineering toolkit for transferring data extracted from 3D scans to any CAD platform.
- **Inspection**
  Comprehensive and powerful software designed for efficient and accurate dimensional inspections.
- **Automation**
  The most user-friendly and integrated programming platform for deploying automated quality control solutions.
- **Dynamic Tracking**
  Enables simultaneous position and orientation of multiple objects in space and time.

LEARN MORE

Technical Specifications

		HandySCAN EVO| Elite™
ACCURACY		0.020 mm 0.015 mm (1)
VOLUMETRIC ACCURACY (based on part size)		0.020 mm + 0.020 mm/m 0.020 mm + 0.015 mm/m (2) 0.015 mm + 0.015 mm/m (1)(2)
ACCEPTANCE TEST (3)		Based on ISO 10360
MEASUREMENT CAPABILITIES (at a working distance of 0.3 m)	Pin	0.750 mm
	Hole	1.250 mm
	Step	0.025 mm
	Wall	0.500 mm
LIGHT SOURCE (4)		46 blue laser lines (+1 extra line) + laser pointer
SCANNER CONTROLS		4.3” touchscreen display and physical buttons
PHOTO CAMERA		12 MP, AR-enabled
REAL-TIME CALIBRATION		Included
AUTOMATIC ALIGNMENT & CLEAN-UP		Included
WORKING DISTANCE		200 to 750 mm
WEIGHT		1.04 kg

(1) Performance obtained with Limited Edition. Limited Edition is able to deliver improved accuracy through optimized manufacturing and calibration processes.

(2) Performance obtained with scale bars included in the Accu+ Kit.

(3) Performance tests done in Creaform’s ISO/IEC 17025 accredited calibration laboratories.

(4) Laser class: 2M (eye safe)

SEE MORE SPECS

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

creaform3d.com

TO CONTACT US

CREAFORM / AMETEK®

Authorized Distributor

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