Metrology-Grade 3D Scanner Optimized for Efficiency

HandySCAN 3D
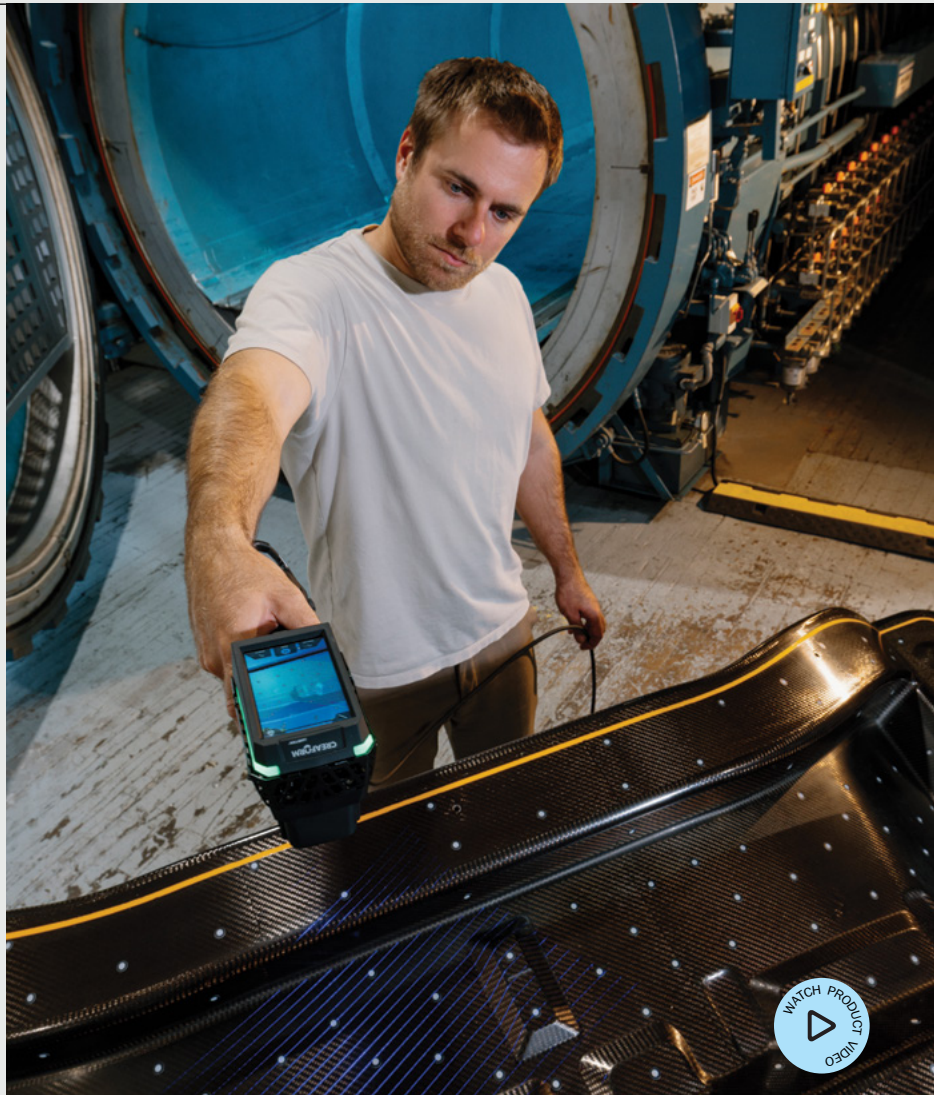## EVO Series

3D SCANNER PORTABLE PIONEER

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.

WATCH PRODUCT VIDEO ▶

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

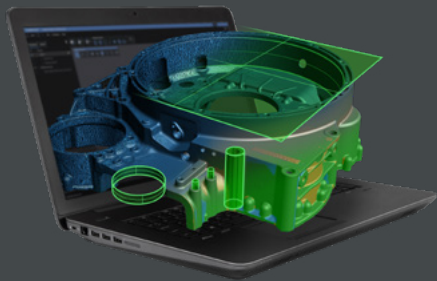**Future-ready technology**
Ongoing evolution via Creaform.OS updates

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.

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 +

Live meshing | Integrated photogrammetry | Smart Resolution

Technical Specifications

		HandySCAN EVO| Elite™
ACCURACY		0.020 mm (0.0008 in) 0.015 mm (0.0006 in) [1]
VOLUMETRIC ACCURACY (based on part size)		0.020 mm + 0.020 mm/m (0.0008 in + 0.00024 in/ft) 0.020 mm + 0.015 mm/m (0.0008 in + 0.00018 in/ft) [2] 0.015 mm + 0.015 mm/m (0.0006 in + 0.00018 in/ft) [1][2]
ACCEPTANCE TEST [3]		Based on ISO 10360
MEASUREMENT CAPABILITIES (at a working distance of 0.3 m (1 ft))	Pin	0.750 mm (0.0295 in)
	Hole	1.250 mm (0.0492 in)
	Step	0.025 mm (0.0010 in)
	Wall	0.500 mm (0.0197 in)
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 (7.9 to 29.5 in)
WEIGHT		1.04 kg (2.3 lb)

(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 USA.

creaform3d.com

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Authorized Distributor

CREAFORM / AMETEK®