HandySCAN 3D
PRO Series

PORTABLE 3D SCANNER PIONEER

The PRO Series is part of the HandySCAN 3D™ lineup, the industry standard in portable metrology-grade 3D scanners. This proven and trusted patented technology captures accurate and repeatable 3D measurements of any complex surface, in any location.

The HandySCAN 3D|PRO Series™ is optimized to meet the needs of technology innovators and engineering professionals looking for a powerful, accessible, and reliable way to improve product development, shorten time-to-market, and reduce development costs.

The HandySCAN 3D|PRO Series includes the Scan-to-CAD Pro software module, offering an all-in-one 3D scanner and software solution designed to deliver enhanced performance and reliability for any reverse engineering project.





Proven and trusted solution
More than 10,000 users around the world

Best price-to-performance ratio
Complete solution combining 3D scanner and software

Worldwide repairs and customer support

Best-in-Class Scan-to-CAD Pro Software Included with the HandySCAN 3D|PRO Series

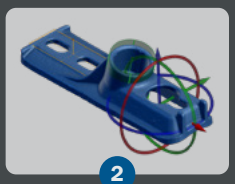
The HandySCAN 3D|PRO Series, bundled with Scan-to-CAD Pro, offers the most intuitive reverse engineering toolkit and the fastest path from scan to CAD. Part of the Creaform Metrology Suite™, Scan-to-CAD Pro is an advanced software module built for designers and engineers who want to sketch and model directly on scan data—supporting operations from cross-section extraction to solid feature creation and complete parametric CAD models.

With broad compatibility across all major CAD platforms and parametric transfer to SOLIDWORKS, users benefit from seamless integration that significantly enhances the efficiency and capability of the scan-to-CAD workflow.

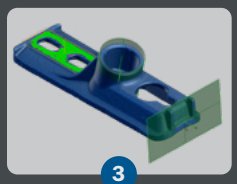
Together, the PRO Series and Scan-to-CAD Pro deliver a streamlined reverse engineering workflow that easily transforms scan data into editable CAD models.



1 Mesh Editing



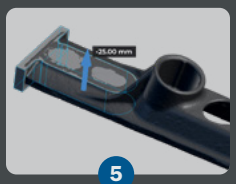
2 Alignment



3 Feature Extraction



4 2D Sketching



5 3D Modeling



6 Export CAD Model

Technical Specifications

		HandySCAN PRO™
ACCURACY [1]		Up to 0.030 mm (0.0012 in)
VOLUMETRIC ACCURACY [2] (based on part size)		0.020 mm + 0.060 mm/m (0.0008 in + 0.00072 in/ft)
MEASUREMENT CAPABILITIES (at a working distance of 0.35 m (1.2 ft))	Pin	1.00 mm (0.0393 in)
	Hole	1.50 mm (0.0591 in)
	Step	0.030 mm (0.0012 in)
	Wall	0.75 mm (0.0295 in)
LIGHT SOURCE [3]		23 blue laser lines
SCANNER CONTROLS		Touchscreen display
PART SIZE RANGE (recommended)		0.05-4 m (0.15-13.1 ft)
WEIGHT		920 g (2.0 lb)
REVERSE ENGINEERING SOFTWARE		Scan-to-CAD Pro (included)

(1) Typical value for diameter measurements on a calibrated sphere artefact.

(2) Value for sphere spacing measurement on a calibrated length artefact. Results are obtained using integrated photogrammetry with volumetric accuracy optimization.

(3) Laser class: 2M (eye safe).

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

creaform3d.com

CREAFORM / AMETEK®

To contact us

HI-TECH METROLOGY

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