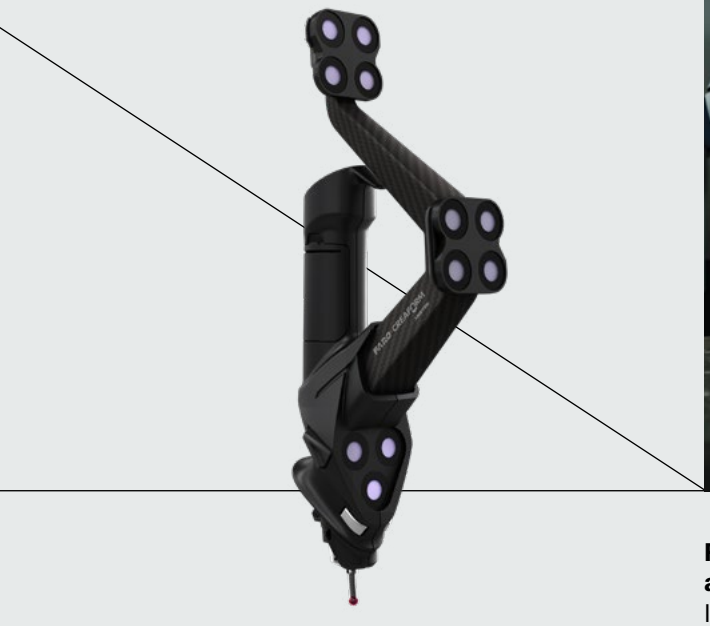
HandyPROBE

PORTABLE OPTICAL CMM PIONEER

The HandyPROBE™ line-up is a portable optical CMM specifically designed for use on the shop floor. Due to its metrology-grade accuracy and dynamic referencing capability, the HandyPROBE delivers precise results, regardless of the measurement setup quality, the instabilities of the environment, and the user's experience level.

Since it does not require any rigid measurement setup, the part, optical tracker, or wireless probe can be moved freely at any time during the measurement sequence, adding simplicity to the process. Because its measurement volume is flexible, it can be extended easily and dynamically to measure parts of any size without significant loss in accuracy, which comes with conventional leapfrog.



Reliable acceptance test
ISO 10360
ISO 17025
accredited laboratory

Made in North America
Most trusted and widely used portable optical CMM

Worldwide repairs and customer support

FARO | CREAFORM
AMETEK

POSSIBILITY 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 supported FARO 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.

Setup Assistance tools | Automatic Volume Extension | Dynamic environment compensation

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

		HandyPROBE Next+™	HandyPROBE Next+ Elite™
ACCURACY		0.030 mm (0.0012 in)	0.025 mm (0.0010 in)
VOLUMETRIC ACCURACY	9.1 m^3 (320 ft^3)	0.075 mm (0.0030 in)	0.064 mm (0.0025 in)
	16.6 m^3 (586 ft^3)	0.100 mm (0.0039 in)	0.075 mm (0.0030 in)
	46.7 m^3 (1649 ft^3)	N/A	0.100 mm (0.0039 in)
AUTOMATIC VOLUME EXTENSION ACCURACY (1)		0.035 mm + 0.020 mm/m (0.0014 in + 0.00024 in/ft)	0.025 mm + 0.015 mm/m (0.0010 in + 0.00018 in/ft)
ACCEPTANCE TEST (2)		Based on ISO 10360	
PART SIZE RANGE (recommended)		0.2–6 m (0.7–20 ft)	
SETUP ASSISTANCE TOOLS (3)		N/A	Included
WEIGHT		Probe: 0.5 kg (1.1 lb) C-Track: 5.7 kg (12.5 lb)	
DIMENSIONS (LXWXH)		Probe: 68 x 157 x 340 mm (2.7 x 6.2 x 13.4 in) C-Track: 1031 x 181 x 148 mm (40.6 x 7.1 x 5.8 in)	

(1) The volumetric accuracy performance of the system when using the Automatic Volumetric Extension cannot be superior to the default volumetric accuracy performance for a given model.

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

(3) The Setup Assistance tools enable visual guidances and advanced diagnostics for part and jigs setups.

SEE MORE SPECS

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

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