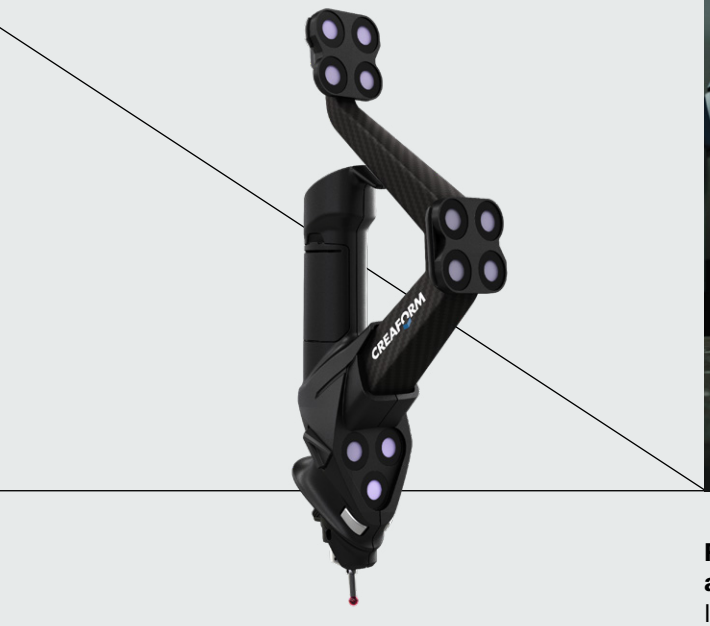
HandyPROBE

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

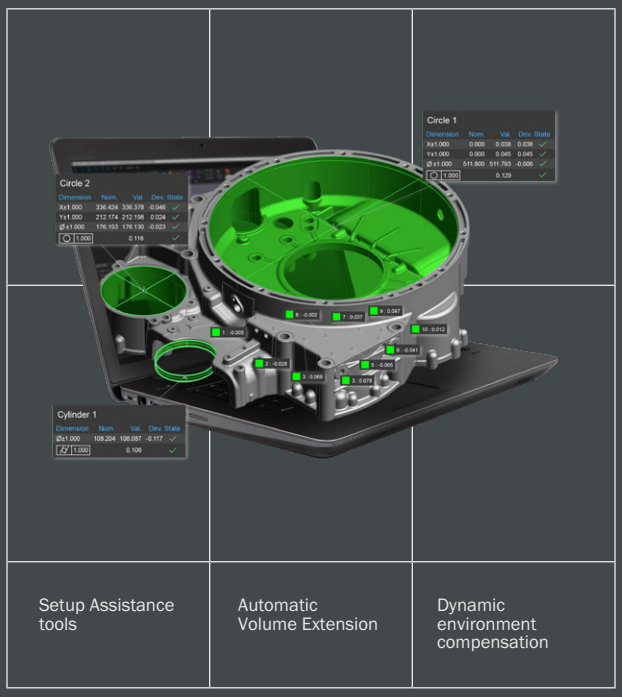
Made in North America
Most trusted and widely used portable optical CMM

Worldwide repairs and customer support

Powerful and Intuitive Software for an Optimal User Experience

VXelements is a powerful integrated 3D software platform that works in complete synergy with the entire fleet of Creaform's 3D measuring devices. With VXelements, both 3D data acquisition as well as post-treatment and analyses occur in the same intuitive interface to guarantee an optimal user experience, seamless interaction with the device, and the shortest time to a usable mesh, 3D model, or inspection report.

Acquisition modules are included with every measurement device from Creaform. They provide real-time visualization and produce better data quality from 3D measurements, making the results user-independent and maximizing device performance. Application modules are available as add-ons to process and optimize 3D scan data for diverse applications, including creating digital twins, product development, reverse engineering, inspections, and dynamic tracking.



Technical Specifications

		HandyPROBE Next+™	HandyPROBE Next+™|Elite
ACCURACY		0.030 mm (0.0012 in)	0.025 mm (0.0009 in)
VOLUMETRIC ACCURACY	9.1 m^3 (320 ft^3)	0.086 mm (0.0034 in)	0.064 mm (0.0025 in)
	16.6 m^3 (586 ft^3)	0.122 mm (0.0048 in)	0.078 mm (0.0031 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 (0.0009 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.

creaform3d.com

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