3D Measurement Solutions Designed for the Academic World

Creaform ACADEMIA

PORTABLE 3D SCANNER PIONEER

Discover Creaform ACADEMIA™, a comprehensive educational suite designed for forward-thinking teachers and researchers to inspire, collaborate, and drive innovation using the latest advancements in 3D measurement technologies.

Creaform's educational program goes beyond delivering didactic tools, offering a complete and collaborative academic solution to nurture learners' skills in STEM, STEAM, CTE, additive manufacturing, design, engineering, and more.

The ACADEMIA package includes:

- A selection of metrology-grade 3D measurement technologies from the Creaform lineup, including:
  - Go!SCAN 3D™, HandySCAN 3D™, MetraSCAN 3D™, and Peel 3D™ scanners
  - HandyPROBE™ portable CMM
- Creaform ACADEMIA software package
- 2-year ACADEMIA hardware warranty
- 5-year software update plan
- Complementary didactic material
- E-learning courses for hardware and software

50-Seat License
for Creaform.OS™ & Creaform Metrology Suite™

The solution to introduce students to 3D scanning

Made in North America
Most trusted & widely used handheld 3D scanners

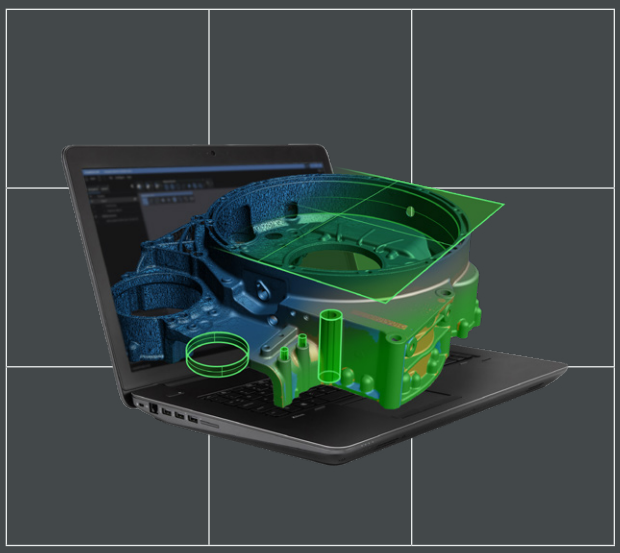
CREAFORM / AMETEK®

INNOVATION TAKES FORM

Creaform ACADEMIA Software Package

Scanning is just the beginning. Our powerful and fully integrated Creaform Metrology Suite gives you the tools to handle both conventional and cutting-edge engineering workflows. The package includes:

- **Creaform.OS**
  3D Measurement Software Platform
- **Scan-to-CAD Pro**
  Reverse Engineering Software Module
- **Inspection**
  Dimensional Inspection Software Module
- **VXintegrity™**
  Non-Destructive Testing Software Platform (available as an option)



Technical Specifications

	Peel 3™	Go!SCAN SPARK™	HandySCAN SILVER™|Elite	HandySCAN BLACK+™|Elite	HandySCAN MAX™|Elite	MetraSCAN BLACK+™|Elite
ACCURACY	Up to 0.050 mm (0.0020 in)	Up to 0.050 mm (0.0020 in)	Up to 0.030 mm (0.0012 in)	0.025 mm (0.0009 in)	0.075 mm (0.0030 in)	0.025 mm (0.0009 in)
VOLUMETRIC ACCURACY (1)	0.050 mm + 0.100 mm/m (0.0020 in + 0.0012 in/ft)	0.050 mm + 0.100 mm/m (0.0020 in + 0.0012 in/ft)	0.020 mm + 0.060 mm/m (0.0008 in + 0.0007 in/ft)	0.020 mm + 0.040 mm/m (0.0008 in + 0.0005 in/ft) 0.020 mm + 0.015 mm/m (0.0008 in + 0.00018 in/ft) (2)	0.075mm + 0.010 mm/m (0.0030 in + 0.00012 in/ft)	0.064 mm (0.0025 in) (3) 0.078 mm (0.0031 in) (4) 0.025 mm + 0.015 mm/m (0.0009 in + 0.00018 in/ft) (5)
ACCEPTANCE TEST (6)	N/A	N/A	N/A	Based on VDI/VDE 2634 and ISO 10360	Based on VDI/VDE 2634	Based on VDI/VDE 2634 and ISO 10360
MEASUREMENT CAPABILITIES	(at a working distance of 0.4 m (1.3 ft))	(at a wofking distance of 0.4m (1.3 ft))	(at a working distance of 0.3 m (1 ft))	(at a working distance of 0.3 m (1 ft))	(at a working distance of 0.5 m (1.65 ft))	(at a working distance of 0.3 m (1 ft))
Pin	1.5 mm (0.059 in)	1.25 mm	1.00 mm (0.0393 in)	0.750 mm (0.0295 in)	2.50 mm (0.0984 in)	0.750 mm (0.0295 in)
Hole	3.0 mm (0.118 in)	2.5 mm	1.50 mm (0.0591 in)	1.250 mm (0.0492 in)	3.50 mm (0.1378 in)	1.250 mm (0.0394 in)
Step	0.1 mm (0.0039 in)	0.050 mm	0.030 mm (0.0012 in)	0.025 mm (0.0009 in)	0.04 mm (0.0016 in)	0.025 mm (0.009 in)
Wall	1.0 mm (0.039 in)	0.75 mm	0.75 mm (0.0295 in)	0.500 mm (0.0197 in)	2.00 mm (0.0787 in)	0.500 mm (0.0197 in)
LIGHT SOURCE (7)	IR VCSEL	White light (99 stripes)	14 blue laser lines (+ 1 extra line)	30 blue laser lines (+ 1 extra line)	38 blue laser lines	30 blue laser lines (+ 1 extra line)
WORKING DISTANCE	250 to 550 mm (9.8 to 21.7 in)	200 to 650 mm (7.9 to 25.6 in)	200 to 450 mm (7.9 to 17.7 in)	200 to 750 mm (7.9 to 29.5 in)	0.30 to 2.50 m (1.0 to 8.2 ft)	200 to 450 mm (7.9 to 17.7 in)
PART SIZE RANGE (recommended)	0.1 - 3.0 m (0.3–10 ft)	0.1–4 m (0.3–13 ft)	0.05–4 m (0.15–13.1 ft)		1–15 m (3.3-49.2 ft)	0.2–6 m (0.7–20 ft)
WEIGHT	0.95 kg (2.1 lb)	1.25 kg (2.7 lb)	0.94 kg (2.1 lb)		1.22 kg (2.7 lb)	Scanner: 1.49 kg (3.28 lb) C-Track: 5.7 kg (12.5 lb)

(1) The volumetric accuracy (based on part size) performance of the system cannot be superior to the default Accuracy and Volumetric accuracy (based on working volume) performance for a given model.
(2) Performance obtained with scale bars included in the Accu+ Kit.
(3) Based on a working volume of 9.1 m^3 (320 ft^3).
(4) Based on a working volume of 16.6 m^3 (586 ft^3).
(5) Performance obtained with the Automatic Volume Extension feature.
(6) Performance tests done in Creaform's ISO/IEC 17025 accredited calibration laboratories.
(7) Laser class: 2M (eye safe).

SEE MORE SPECS +

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

creaform3d.com

TO CONTACT US →

CREAFORM / AMETEK®

Distributed Exclusively to Education Through:

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