

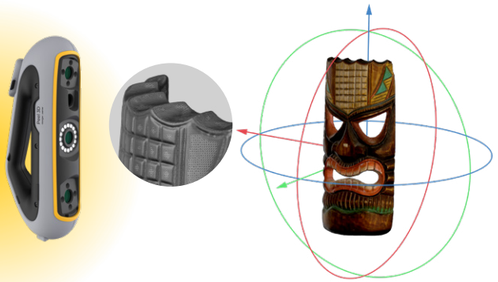
A 3D scanner for a business like yours

Your 3D scanning experience has never been this complete, this integrated, or this accessible.

Peel 3D™

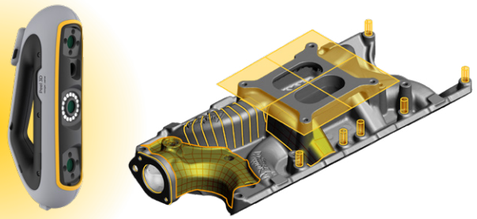
CREAFORM / AMETEK

Discover the most reliable professional-grade 3D scanner



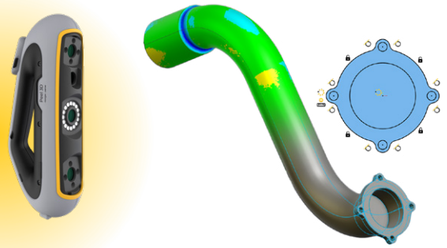
Peel 3

An affordable turnkey 3D scanning solution that offers the level of accuracy, reliability and repeatability you need.



Peel 3.CAD

Accelerate your reverse engineering workflows. You can extract all the info you need and send to your preferred CAD software.

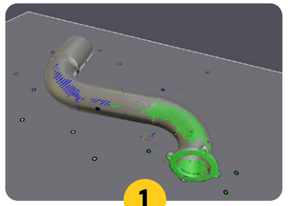


Peel 3 Pro.CAD

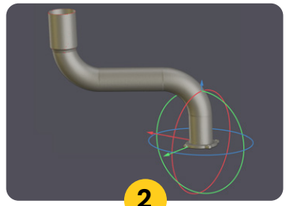
Professional 3D reverse engineering solution incorporating simple yet powerful functionalities for converting 3D scan data into ready-to-use CAD models.

Ideal for:		
• Heritage preservation and art • AR, VR and digital content • Healthcare • Education	• Product design • After market and tuning • MRO and engineering	• Reverse engineering • Product design • After market and tuning • MRO and engineering

Peel workflow and solutions



1 **Scan (STL files)**



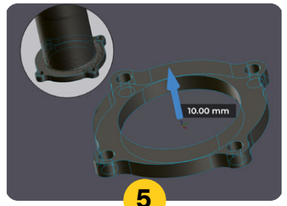
2 **Align and improve**



3 **Feature extraction**



4 **Sketching**



5 **Modeling**



6 **CAD model**

Peel 3 — **Export mesh**

Peel 3.CAD — **Transfer to CAD software**

Peel 3 Pro.CAD — **Export native CAD OR Transfer timelines to Solidworks**

Ask an expert



Ask an expert

Technical specifications

Explore the performance levels of Peel 3D for your next projects.

Software		**Peel.OS, Peel.CAD (1), Peel.CAD Pro (2)**
Recommended object size		0.1 - 3.0 m (0.3–10 ft)
Accuracy		up to 0.050 mm (0.0020 in)
Volumetric accuracy		0.050 mm + 0.100 mm/m (0.0020 in + 0.0012 in/ft)
Measurement capabilities	Pin	1.5 mm (0.059 in)
	Hole	3.0 mm (0.118 in)
	Step	0.1 mm (0.0039 in)
	Wall	1.0 mm (0.039 in)
Mesh resolution		0.250 mm (0.01 in)
Scanning area		340 x 475 mm (13.39 x 18.7 in)
Scan speed		80 sec/m² (7.4 sec/ft²)
Usage distance (from objects)		250 to 550 mm (9.8 to 21.7 in)
Depth of field		300 mm (11.8 in)
Projector light source		IR VCSEL
Scanner controls		Touchscreen
Color resolution (on objects)		50 to 200 DPI
Positioning methods		Geometry and/or targets and/or texture
Measurement rate		1,250,000 measurements/s
Dimensions		304 x 150 x 79 mm (12 x 5.9 x 3.2 in)
Weight		950 g (2.1 lb)
Connectivity		USB 3.0
Output formats (Peel 3)		.dae, .fbx, .ma, .obj, .ply, .stl, .txt, .wrl, .x3d, .x3dz, .zpr, .dxf, .3mf, .iges (1)(2), .step (1)(2)

(1) With Peel 3.CAD only
(2) With Peel 3 Pro.CAD only



Interested in learning more about Peel 3D's new generation of 3D scanners powered by Creaform, the industry leader in 3D scanning technologies?

Peel 3D™

CREAFORM / AMETEK

HI-TECH METROLOGY

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