

Artec Point

 Artec 3D

Targeted accuracy
for metrology-grade results.
On point. Every time.



CENTRAL **SCANNING**
3D Printing and 3D Scanning

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Technical specifications

Scanner type	Handheld
Size of scanning object/area	S → L
3D accuracy, up to	0.02 mm
3D resolution, up to	0.02 mm
3D light source	Blue laser, class II (eye-safe)
Depth of field	550 mm (21.7 in)
Scanning software	Artec Studio
Working distance	>300 mm

3D mesh export formats	OBJ, PLY, WRL, STL, AOP, ASC, PTX, E57, XYZRGB
Certification	ISO 17025 accredited based on VDI/VDE 2634 & JJF 1951
Linear field of view H×W @ furthest range	700 × 600 mm
3D reconstruction rate for real-time fusion, up to	120 fps
Weight	570 grams (20.1 oz)

Made for metrology

Artec Point's high accuracy and repeatability are ISO & VDI/VDE-certified, so you can use it for reliable results in advanced metrology.

Distance map

Name
Distance map 1

From
COG_CAD

To
COG_MESH

Search distance
1.00 mm

Distance calculation mode

Shortest distance

Along normals

Recalculate

Mean:

Absolute distance
0.04751 mm

Absolute deviation
0.04727 mm

Signed distance
0.00342 mm

Root mean square
0.06694 mm

Error scale
0.928 mm

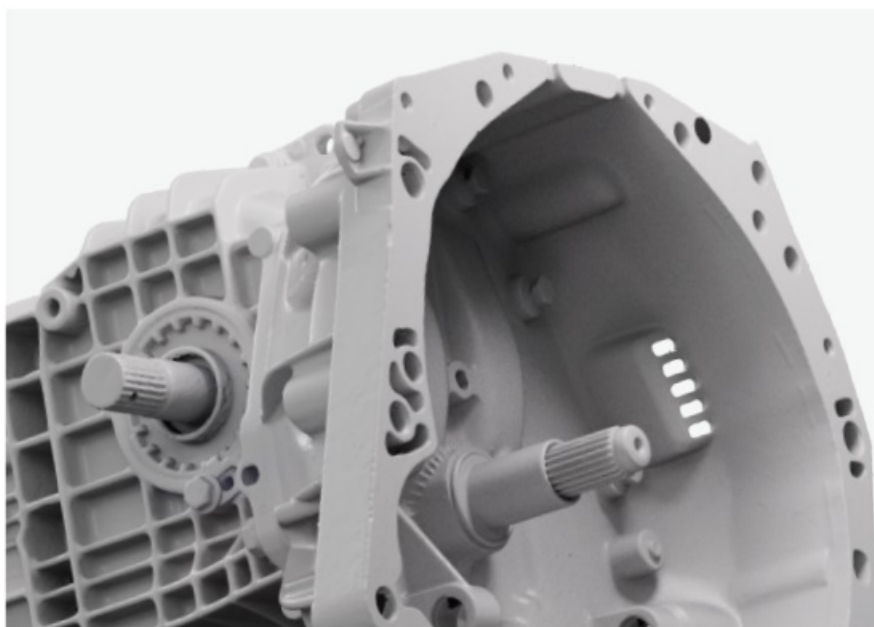
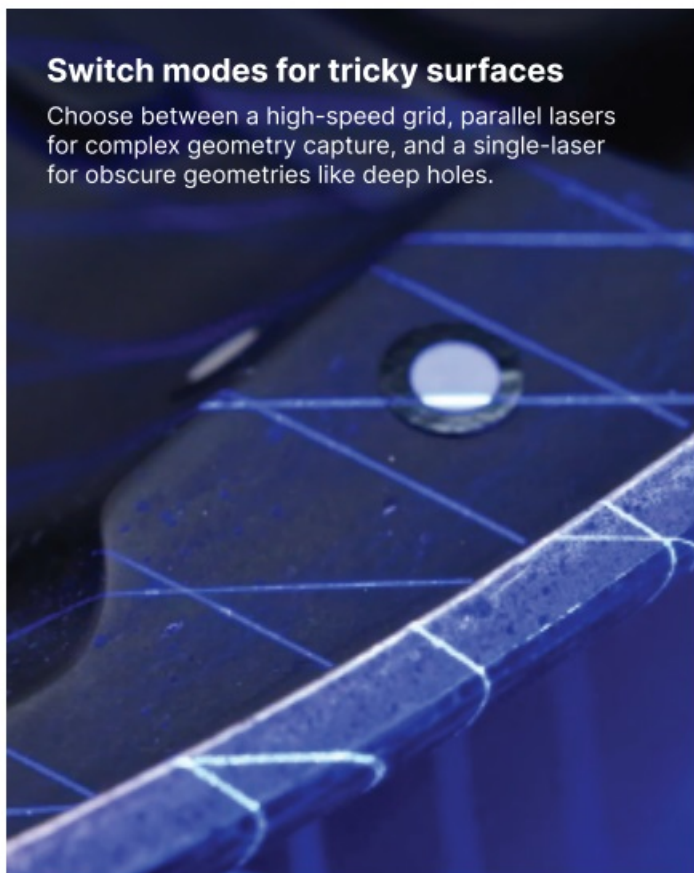
Show Max./Min. deviation

-0.111 mm
Distance map 01

0.108 mm
Distance map 02

Switch modes for tricky surfaces

Choose between a high-speed grid, parallel lasers for complex geometry capture, and a single-laser for obscure geometries like deep holes.



Accurate models – every time

With solid tracking and dedicated modes for complex geometries, Artec Point easily captures stunning high-resolution data with metrology-grade accuracy.

Learn more →
about Artec Point
www.artec3d.com

