

Artec Point

 Artec 3D

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



Artec Point

Specifications



Resolution & accuracy

Resolution, up to	0.02 mm
Accuracy, up to	0.02 mm
3D accuracy over distance, up to	0.015 mm + 0.035 mm/m
Certification	ISO 17025 accredited based on VDI/VDE 2634 & JJF 1951

Scanning range

Size of scanning object/ area	S → L
Working distance	> 300 mm
Linear field of view H×W @ furthest range	700 × 600 mm
Depth of field	550 mm

Speed

3D reconstruction rate for real-time fusion, up to	120 fps
Data acquisition speed, up to	2.8 mln measurements/s

Scanning modes

Ultra-fast scanning	17 crossed blue lasers
Hyper-fine scanning	7 parallel blue laser lines
Deep hole scanning	1 single blue laser line

Hardware

Scanner type	Handheld
Power source	AC/DC power adapter, 24V
Interface	USB 3.0
3D structured-light source	Class II blue laser (eye-safe)
Dimensions H×D×W	203 × 80 × 44 mm
Weight	0.57 kg/1.3 lbs
Warranty	1 year

Compatibility

Supported OS	Windows 10, 11
Recommended computer parameters	Intel processor with 8 cores, 16 threads, 2.6 GHz and above, 64+ GB RAM, GPU with 8 GB VRAM
Minimum computer requirements	Intel processor with 8 cores, 16 threads, 2.6 GHz and above, 32+ GB RAM, GPU with 4 GB VRAM

Output formats

3D mesh	OBJ, PLY, WRL, STL, AOP, ASC, PTX, E57, XYZRGB
CAD	STEP, IGES, X_T
Measurements	CSV, DXF, XML

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www.artec3d.com

