

3D hardware

Artec products



Leo Eva Eva Lite Spider II Micro II Ray II Point Metrology Kit

Scanner type

Wireless	Handheld	Handheld	Handheld	Desktop	Long-range	Handheld	Photogrammetry
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Size of scanning object/area

M → L	M	M	S → M	XS → S	L → XL	S → L	L → XL
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Accuracy, up to

0.1 mm	0.1 mm	0.1 mm	0.05 mm	0.005 mm	1.9 mm @10m	0.02 mm	0.002 mm
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Resolution, up to

0.2 mm	0.2 mm	0.5 mm	0.05 mm	0.04 mm	3/6/12 mm @10m	0.02 mm	N/A
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Target-free technology

✓	✓	✓	✓	✓	✓	✓	✗	✗
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Color + geometry tracking

✓	✓	✗	✓	✓	✓	✓	✗	✗
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Scanning software

Onboard software	Artec Studio	Artec Studio	Artec Studio	Artec Studio	Onboard software, Remote App, Artec Studio	Artec Studio	Artec Metrology Kit Plugin for Artec Studio
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3D mesh export formats

OBJ, PLY, WRL, STL, AOP, ASC, Disney PTX (PTEX), E57, XYZ RGB

Working distance

0.35 – 1.2 m	0.4 – 1 m	0.4 – 1 m	0.19 – 0.3 m	—	0.5 – 130 m	> 0.3 m	N/A
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Linear field of view H×W @ closest range

244 × 142 mm	214 × 148 mm	214 × 148 mm	128 × 104 mm	—	—	—	N/A
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Linear field of view H×W @ furthest range

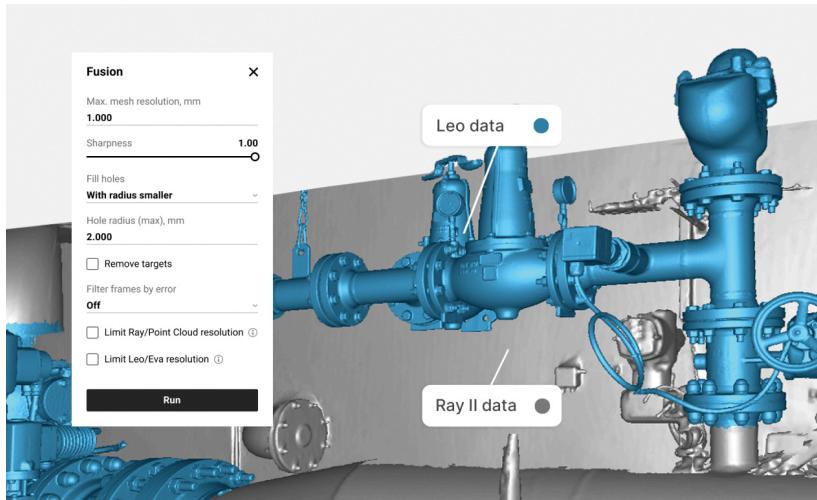
838 × 488 mm	536 × 371 mm	536 × 371 mm	171 × 152 mm	—	—	700 × 600 mm	N/A
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3D reconstruction rate for real-time fusion

22 fps	16 fps	16 fps	30 fps	—	—	120 fps	N/A
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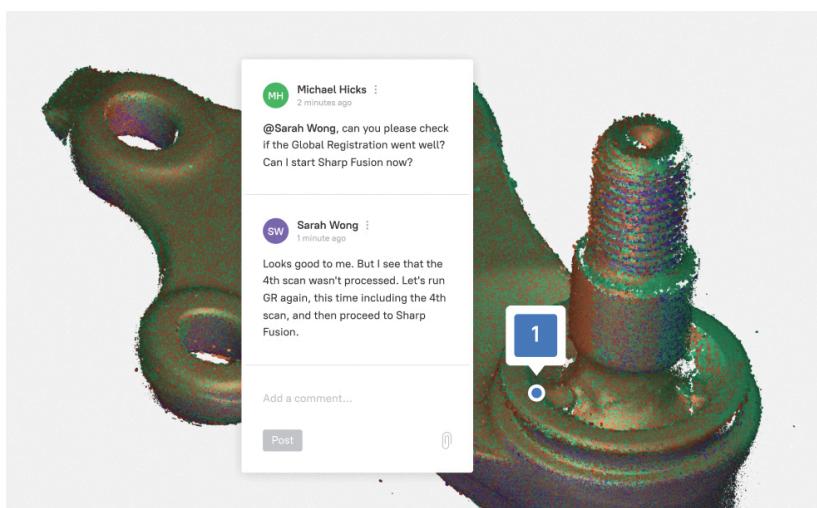
3D software

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Artec Studio 19

Advanced, intuitive 3D data capture and processing software for professional results. Now featuring AI Photogrammetry: turn any photos or video into incredibly detailed 3D models.



Artec Cloud

Sync & backup 3D scan projects in a single click to secure your progress. Collaborate in real-time on shared data and access files anywhere online, without having to download them.



Artec Academy

Learn to capture confidently via online courses packed with hands-on tasks and expert training (in-person or virtual). Subscribe to sharpen skills or embark on industry courses for up to five people.



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