

ARTEC MICRO



Metrology-grade 3D scans

Suitable for quality
control and precision
mechanics

- / For small machine parts, jewelry and dentistry
- / Professional high accuracy industrial desktop 3D scanner



Up to **10 microns**
accuracy



Fully-automated
desktop 3D scanner



Easy 3D capture
with just **one click**

SPECIFICATIONS

	MICRO	SPACE SPIDER	EVA	LEO
3D point accuracy, up to	0.01 mm	0.05 mm	0.1 mm	0.1 mm
3D resolution, up to	0.029 mm	0.1 mm	0.5 mm	0.5 mm
Scanner type	Desktop	Handheld	Handheld	Handheld
Ability to capture texture	Yes	Yes	Yes	Yes
Texture resolution	6.4 mp	1.3 mp	1.3 mp	2.3 mp
Colors	24 bpp	24 bpp	24 bpp	24 bpp
Data acquisition speed, up to	1 mln points / sec.	1 mln points / sec.	2 mln points / sec.	3 mln points / sec.
3D exposure time	Customizable	0.0002 s	0.0002 s	0.0002 s
2D exposure time	Customizable	0.0002 s	0.00035 s	0.0002 s
3D light source	Blue LED	Blue LED	Flash bulb (no laser)	VCSEL
Interface	USB 3.0	1 × USB 2.0, USB 3.0 compatible	1 × USB 2.0, USB 3.0 compatible	Wi-Fi, Ethernet, SD card
Supported OS	Windows 7, 8 or 10 x 64	Windows 7, 8 or 10 x 64	Windows 7, 8 or 10 x 64	Scanning: No computer required Post-processing: Windows 7, 8, 10 x 64
Minimum computer requirements (Please refer to www.artec3d.com for detailed hardware requirements)	i5 or i7 recommended, 32GB RAM	i5 or i7 recommended, 18GB RAM	i5 or i7 recommended, 12GB RAM	Scanning: No computer required Post-processing: i5 or i7, 32GB RAM
Power source	AC power	AC power or external battery pack	AC power or external battery pack	Built-in exchangeable battery, optional AC power
Dimensions, HxDxW	290 × 290 × 340 mm	190 × 140 × 130 mm	262 × 158 × 63 mm	231 × 162 × 230 mm
Weight	12 kg / 26.7 lb	0.8 kg / 1.8 lb	0.9 kg / 2 lb	2.6 kg / 5.7 lb
3D mesh formats	OBJ, PLY, WRL, STL, AOP, ASC, PTX, E57, XYZRGB			
3D point cloud formats	BTX, PTX			
Formats for measurements	CSV, DXF, XML			



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