

Artec Spider II

Industrial 3D scanner of metrological accuracy



High 3D point accuracy: 0.05 mm

Capture the geometry of your items with astonishing precision.



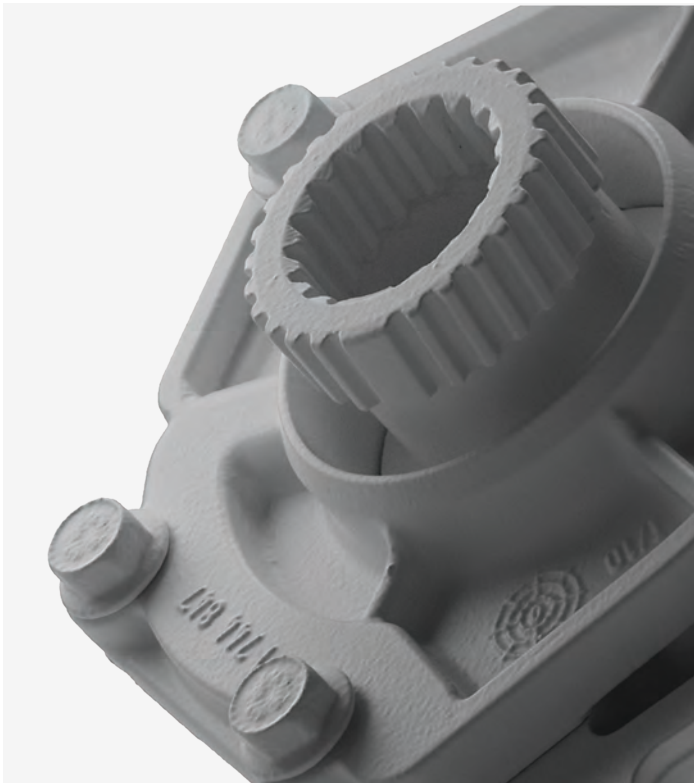
Impressive 3D resolution: 0.05 mm

Make extremely accurate 3D models of small industrial objects or sections of larger objects in fine detail.



No targets & calibration

No need for preparation, just plug in the scanner and point it around the item as you would with a video camera. Simple.



3D scanner for intricate details or small objects in full color

Break new ground with the Artec Spider II, designed to easily capture complex objects, sharp edges, and fine lines, with an impressive level of detail. The 3D scanner's 0.05 mm resolution means that everything from inscriptions on a coin to larger industrial parts of an engine is faithfully digitized. The data you capture is of top quality, representing flawless geometry acquisition in a rich color palette for true-to-life 3D models.



Comfortable scanning speed

Designed for fast capture at a rate of 30 FPS, the Artec Spider II lets you scan intuitively, and at a pace natural to you.



Realistic color

The Artec Spider II doesn't just capture in high resolution, it's paying attention to texture, too.



Capture complex geometry

Scan deeper and in more detail with Spider II – even deep holes and sharp edges are easily transformed into highly accurate data.



Safe scanning

Safe for eyes, easy on parts, and completely contact free, the Spider II can be used to capture any object, whether they be body parts, for medical applications, forensic use, and more.



Easy integration

The advanced Spider II is perfectly compatible with all other Artec scanners, bringing its features and capabilities to the Artec ecosystem, and making work with different scanners for different object sizes hassle free.

Tech specs

3D accuracy, up to	0.05 mm
3D resolution, up to	0.05 mm
Object size	S–M
Color + geometry tracking	Yes
Target-free tracking	Yes
3D reconstruction rate	30 fps
Output formats	OBJ, PLY, WRL, STL, AOP, ASC, Disney PTX (PTEX), E57, XYZ RGB

Use a combination of scanners to digitize a whole environment

Artec 3D scanners can easily be combined for high-accuracy and high-resolution captures of complex environments with objects of varying sizes and detail. For example, a modern airplane hangar with aircraft, service vehicles, and equipment.





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1

Artec Ray II

Scan size: Large – extra large

Hangar architecture & overall aircraft exterior, fuselages, wings, service vehicles.



1

Artec Metrology Kit

Scan size: Medium – extra large

Turbines, fuselages, wings, vehicle chassis, satellites, helicopters, ships.



2

Artec Leo

Scan size: Medium – large

Aircraft landing gear, doors, engines, flaps, airplane and service vehicle interiors.



3

Artec Spider II

Scan size: Small – medium

Instrument panels, circuits, hydraulics, avionics, antennas, gearboxes.