ARTEC 3D SCANNER
COMPARISON TABLE

	Micro	Space Spider	Eva / Eva Lite	Leo	Ray
Scanner type	Desktop	Handheld	Handheld	Handheld, tetherless	Long-range
Size of scanning object / area	Very small	Small	Medium	Medium to large	Large to very large
Accuracy, up to	0.01 mm	0.05 mm	0.1 mm	0.1 mm	0.7 mm @15 m
Resolution, up to	0.029 mm	0.1 mm	0.2 / 0.5 mm	0.2 mm	0.0125°
Target free technology	Yes	Yes	Yes	Yes	Yes
Color + geometry tracking	N/A	Yes	Yes / No	Yes	Yes
Color capture	Yes	Yes	Yes / No	Yes	Yes
Scanning software	Artec Studio	Artec Studio	Artec Studio	On-board software	Artec Studio or Artec Remote App
Data processing software	Artec Studio	Artec Studio	Artec Studio	Artec Studio	Artec Studio

Computer requirements: Visit the Artec Support Center for <u>detailed hardware requirements</u>.
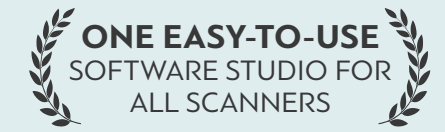
Hassle-free export into a wide range of formats:

CAD: STEP, IGES, X_T   Measurements: CSV, DXF, XML
Mesh: OBJ, PLY, WRL, STL, AOP, ASC, PTX, E57, XYZRGB   Point cloud: BTX, PTX, XYZ

ARTEC STUDIO
SOFTWARE

Subscribe to Artec Studio and its yearly new features and major updates to keep your 3D scanner and 3D data processing workflow at the cutting edge of 3D technology.

SOLIDWORKS

MULTI-AWARD WINNING SOLUTION

BEST-IN-CLASS TARGET-FREE TECHNOLOGY

ONE EASY-TO-USE SOFTWARE STUDIO FOR ALL SCANNERS

FULL RANGE OF PROFESSIONAL 3D SCANNERS

Artec 3D

CERTIFIED Solution Partner

SOLIDWORKS

The Artec
3D SCANNER RANGE

DESKTOP 3D SCANNING

AUTOMATED & METROLOGY-GRADE

If you're looking to 3D scan a number of small objects with the highest precision, then most likely a desktop scanner will be your best choice. You simply mount the object onto the scanning platform, and with a few mouse clicks, the scanner will start the automatic scanning process.

Artec **Micro**

Easy-to-use desktop 3D scanner with a point accuracy of up to 10 microns, Artec Micro is an ideal choice for tasks such as quality inspection, reverse engineering, product design, manufacture, jewelry and dentistry.

ACCURACY:
up to 0.01 mm

SCANNING OBJECT SIZE: VERY SMALL

LONG-RANGE 3D SCANNING

FAST METROLOGY-GRADE CAPTURE OF LARGE OBJECTS

A long-range scanner has a very large field of view and is the ideal solution for digitally capturing large areas fast and with maximum accuracy. Tripod mounted, the scanner should be moved to different positions around the object in order to scan from multiple angles.

Artec **Ray**

A long-range laser scanner that quickly delivers submillimeter accuracy. Designed for the highest precision and clean data capture, Ray is ideal for inspection/quality control as well as reverse engineering.

ACCURACY:
up to 0.7 mm @15m

SCANNING OBJECT SIZE: LARGE TO VERY LARGE

HANDHELD 3D SCANNING

PORTABLE, FAST AND INTUITIVE

A professional handheld 3D scanner is portable and user-friendly, making it fast to capture objects and detailed areas from all angles and in almost any environment. Handheld 3D scanners are also the best tool for digitizing hard-to-scan areas such as black or shiny surfaces.

Artec **Space Spider**

An ultra-high-resolution 3D scanner that excels at precisely capturing small objects and complex details for reverse engineering.

ACCURACY:
up to 0.05 mm

SCANNING OBJECT SIZE: SMALL

Artec **Eva**

Long-time industry-favourite, this versatile 3D scanner makes fast 3D scans of objects such as the human body, furniture, industrial machinery and ancient artifacts.

ACCURACY:
up to 0.1 mm

SCANNING OBJECT SIZE: MEDIUM

Artec **Eva Lite**

Budget version of Artec Eva for capturing organic shapes. Good entry level option for healthcare, universities or schools. No color capture for tracking, align or texturing.

ACCURACY:
up to 0.1 mm

SCANNING OBJECT SIZE: MEDIUM

Artec **Leo**

Next generation 3D scanner. Tetherless, with a built-in screen and onboard processing, Leo makes professional 3D scanning as simple as taking a video on a cell phone. Powerful technology, which even captures under direct sunlight.

ACCURACY:
up to 0.1 mm

SCANNING OBJECT SIZE: MEDIUM TO LARGE