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Artec Eva

Fast 3D scanner for professionals

Named best 3D scanner under $50,000 by iReviews (http://3d-scanners.ireviews.com/2015-best-3d-scanners-under-50000-review).

This structured light 3D scanner is the ideal choice for making a quick, textured and accurate 3D model of medium sized objects such as a human bust, an alloy wheel, or a motorcycle exhaust system. It scans quickly, capturing precise measurements in high resolution, which allows for almost unlimited applications, without the use of additional equipment.

Light, fast and versatile, Eva is our most popular scanner and a market leader in handheld 3D scanners. Based on safe-to-use structured light scanning technology, it is an excellent all round solution for capturing objects of almost any kind, including objects with black and shiny surfaces.

Artec Eva's ease of use, speed and precision has made it an essential product for a wide range of industries. From rapid prototyping to quality control, CGI to heritage preservation, the automotive industry to forensics, medicine and prosthetics to aerospace, the device is used to customize, innovate and streamline countless forward-thinking industries. Eva was even used to scan Barack Obama and help make the very first 3D portrait of an American president.

€13,700

Buy now (/where_to_buy)   or   Free demo

Download
Artec scanners brochure (/files/pdf/ArtecScanners-Booklet-EURO.pdf)

Ask a question

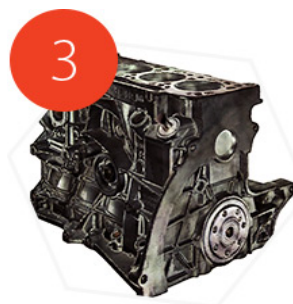# The best 3D scanner

for making a fast, accurate 3D model

Scan the object

Fuse & Optimize
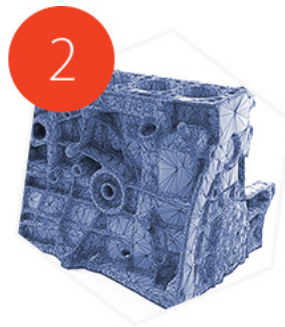
Texturize & Export

Ask a question

Artec 3D scanners & applications

Customizing, innovating and streamlining a wide range of different industries

 (/applications#industrial-design-and-manufacturing)

Industrial design and manufacturing (/applications#industrial-design-and-manufacturing)

Reverse engineering

Quality control

Rapid prototyping

Aerospace

 (/applications#healthcare)

Healthcare (/applications#healthcare)

Orthopedics

Prosthetics

Plastic surgery

Custom wheelchairs

 (/applications#science-and-education)

Ask a question

Science and education (/applications#science-and-education)

Research

Training

Online museums

 (/applications#art-and-design)

Art and design (/applications#art-and-design)

Heritage preservation

Architecture

CGI

Fashion

Fast capturing speed

16 fps

Capturing and simultaneously processing up to an impressive two million points per second, Eva also provides high accuracy — up to 0.1 mm.

High 3D resolution

0.5 mm

Scan in brilliant color and high 3D resolution

Ask a question

Texture resolution

1.3 Mpx

Make full color 3D replicas of your object

Tablet and battery compatible for true portability

Link up the 0.85 kg 3D scanner to a tablet and the Artec battery pack, which provides up to 6 hours of power, and you can scan practically anywhere, even in areas where there is no source of electricity.

Safe to use

Eva uses white structured light technology, making it totally safe for scanning people, as well as inanimate objects.

No targets & calibration. Just point and shoot

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

Bundling and easy integration

For capturing larger 3D objects or for creating an automatic scanning system, several scanners can be bundled and synced together. You can also integrate the scanners into your own customized solutions using the free of charge Artec Scanning SDK.

Powerful hybrid geometry and texture tracking and capture

Eva is able to read both the geometry and color of the object being 3D scanned. As a result it collects two sets of data by which to track and to perform post-processing.

    Easier, smoother 3D scanning

    Faster post-processing

    Achieve best possible results with geometry and texture data combined

    Scan even large, featureless objects using color differentiation

    Option to scan with targets

Ask a question