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Artec Space Spider

Industrial 3D scanner of metrological accuracy

Precision at your fingertips

A new and enhanced precision instrument for CAD users and engineers, Artec Space Spider is a high-resolution 3D scanner based on blue light technology. It is perfect for capturing small objects or intricate details of large industrial objects in high resolution, with steadfast accuracy and brilliant color.

The scanner's ability to render complex geometry, sharp edges and thin ribs sets our technology apart. It is an ideal industrial 3D scanner for high resolution capturing of objects such as molding parts, PCBs, keys, coins or even a human ear, followed by the export of the final 3D model to CAD software.

Space Spider offers almost unlimited possibilities in areas such as reverse engineering, quality control, product design and manufacturing.

Originally developed to spec for the International Space Station, this next generation industrial 3D scanner features powerful temperature stabilization and high grade electronics, which not only allow the scanner to reach maximum accuracy in three minutes but also ensures long-term repeatability in data capture, since the accuracy rate of the device is not affected by fluctuations in environmental conditions.

In this powerful 3D scanner, the technology has been honed to perfection to ensure the best possible quality of scans and a truly robust device.

€19,700

[Buy now \(/where_to_buy\)](#)

or

[Free demo](#)

3 mins to reach maximum accuracy

Enhanced accuracy system

New, higher grade electronics

Long term repeatability in data capture

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

and [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)

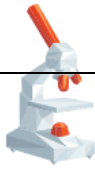
Orthopedics

Prosthetics

Plastic surgery

Custom wheelchairs

Ask a question

[\(/applications#science-and-education\)](#)

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 scanning speed

7.5 fps

High accuracy does not have to be time consuming. Artec Space Spider process up to one million points per second!

[Ask a question](#)

High 3D point accuracy

0.05 mm

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



Texture resolution

1.3 Mpx

Make full color 3D replicas of your object

Impressive 3D resolution

0.1 mm

Capture the geometry of your items with astonishing precision. Space Spider can even render the ridges of your fingerprint, that's how much detail they can pick up



Battery compatible for true portability

Connect the lightweight, 0.85kg 3D scanner to 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

The blue structured light technology used is absolutely safe for scanning people, as well as inanimate objects.

[Ask a question](#)



No targets & calibration. Just point and shoot

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



Bundling and easy integration

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

THOUSANDS OF SATISFIED CUSTOMERS, INCLUDING:



Artec Studio 12 (/3d-software/artec-studio)

Smart 3D data processing has never been easier

Create professional 3D models with the most comprehensive software for 3D scanning and data processing on the market today.

Enjoy a wide range of innovative features, including the cutting-edge Autopilot mode that expertly guides you through the whole post-processing pipeline, automatically choosing the best algorithms for your data, so you can watch your high precision model being put together before your eyes.

You can also take full control of your results with the wide variety of advanced features available.



Autopilot mode for the easiest post-processing yet



A wide range of features for manual processing



Swift 3D data processing for the most time-efficient workflow yet