



Revopoint MINI: 3D Scanner with 0.02mm precision

Revopoint MINI is a high-precision blue light **3dScanner** with incredible performance. The MINI is compact and has a precision of up to 0.02mm. Its performance rivals professional dental cast scanners making possible the skilled use of the MINI for dental cast making by professionals. The MINI can also be used for jewelry design, reverse engineering, quality inspection, garage kit reproduction, miniature 3D model making, etc. The MINI is a necessary modeling tool for professionals such as designers, engineers, makers, and medical and scientific research workers.

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Categories: [Scanners](#)

Tags: [#dental](#), [#dscanning](#), [3d](#), [3d print](#), [Scanner](#)

Product Description

Dare to create with MINI

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Amazingly Precision of 0.02mm

The MINI's industrial-grade scanner precision of 0.02mm allows even the tiniest parts to be accurately scanned and presented as such. The output model has a high density of point clouds with a 0.05mm point distance. You can use the MINI for dental cast making, jewelry design, garage kit reproduction, miniature 3D model making, and other fields and instances in which obtaining detailed high-precision models is necessary.

Blue light 3d scanner
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Industrial Blue Light

The MINI adopts industrial-grade blue light technology, which projects ultra-high-resolution structured light and has a strong ability to resist ambient light. The class 1 blue light used in the MINI scanner is harmless to the human body and can be scanned directly on the skin [2] making it safe and user-friendly for all possible applications.

Scan Speed Up to 10fps

Revopoint MINI has a scanning speed of up to 10 frames per second. With the help of upgraded intelligent algorithms, it can significantly reduce stitching errors in successive scanning. The integration of a proprietary chip allows MINI to directly output 3D data.

3D scanning modes
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Versatile Scanning Modes

The MINI is designed to work as a handheld and turntable scanner for multiple 3D scanning applications. The MINI supports two ways of the alignment: the maker and the feature. It is an ideal device that can scan objects with various shapes for all kinds of 3D modeling needs.

portable 3D scanner
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Easy-To-Use Software

Revopoint has developed three powerful software for obtaining an even more perfect model: the [3D scanning software](#) Revo Scan, the professional model editing software Revo Studio, and the calibration software Revo Calibration. Each of these software can be utilized at different stages of the scanning process to assist in creating a high-precision 3D scan that captures every inch of detail the user seeks to include.

3D scanning apps
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Compatible with Design Software

The model formats outputted by Revopoint scanners are compatible with mainstream 3D processing software. It is ideal for users to achieve a convenient and efficient cross-platform workflow.

3D design software

A Wide Range of Applications

The MINI can accommodate multiple applications including **Reverse Engineering**, digital processing of fossils and cultural relics jewelry design, **Medical Application**, 3D animation, quality inspection, etc.

animate 3d scanned models

3D scanner application

Accessories for More Scenarios

Handheld Stabilizer

The S1 Handheld Stabilizer is designed for the Revopoint 3D scanner series, including POP and MINI series. It is equipped with a built-in high-precision gyroscope and stabilization device. It can effectively eliminate poor point cloud precision and track image losses. This allows for smooth scanning without stalling.

Dual-axis Turntable

The dual-axis turntable A230 is a tailor-made accessory for Revopoint scanners. It adopts a 360° horizontal design, approximately 30° vertical angle, and a controlled rotation path for fast point cloud data acquisition. It solves previous issues of incomplete data acquisition or holes caused by improper operations such as ambient occlusion, which greatly improves the scanning quality and efficiency.

Detachable Tripod & Quick Setup Kits

Using the kits to adjust your scanner at a proper height and angle enables you to scan more conveniently. It features free expansion and height adjustment for expanded device

compatibility and to accommodate multiple applications.

Scanning Spray

AESUB is a globally-recognized scanning spray solution provider. The purpose of a scanning spray is to create a non-reflective surface on objects when scanning to increase the efficiency during scans. It works by providing a thin and homogeneous coating that self-vanishes within 4 hours, meaning that there is no need for post-scan cleaning. AESUB blue series does not contain pigments or cause damage to sensitive scanning devices, laboratories, or production sites.

As seen in

3D scanner news 

What's in the Box?

Revopoint MINI package 
