MicroForm3D

0.029 mm Resolution per pixel
0.010 mm Accuracy
20MP Effective resolution

The *New Standard* in High-Precision Jewelry Scanning

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1.

Super Retina Resolution: Uncompromised Detail

Most scanners force you to choose: high resolution for small rings OR low resolution for large objects. MicroForm3D is *different.* By utilizing proprietary **Motion-Scanning Technology**, we maintain ultra-high density data across the entire frame. This makes MicroForm3D the **only scanner on the market** capable of capturing large jewelry pieces — such as intricate bracelets — with the same microscopic clarity as a single diamond setting. You get a massive **20MP effective resolution** across a spacious **200x100 mm working area.**

2.

The Safest Way to Scan Gemstones

Eliminate the risk of losing valuable stones. Unlike conventional scanners that require flipping objects (risking drops or misalignment), MicroForm3D utilizes **Horizontal Camera Alignment.**

Zero-Flip Scanning: We capture the top and bottom of a gemstone simultaneously in one pass.

Secure: Ideal for loose diamonds and heirlooms. No vibration risks, no manual merging, no anxiety.

3.

Scan-to-CAD Workflow

Time is money. Avoid the "repair nightmare" typical of budget scanners. MicroForm3D generates **watertight, production-ready STL files** straight from the scan. The files are ready for immediate import into MatrixGold, ZBrush, or Rhino — saving you hours of post processing work.

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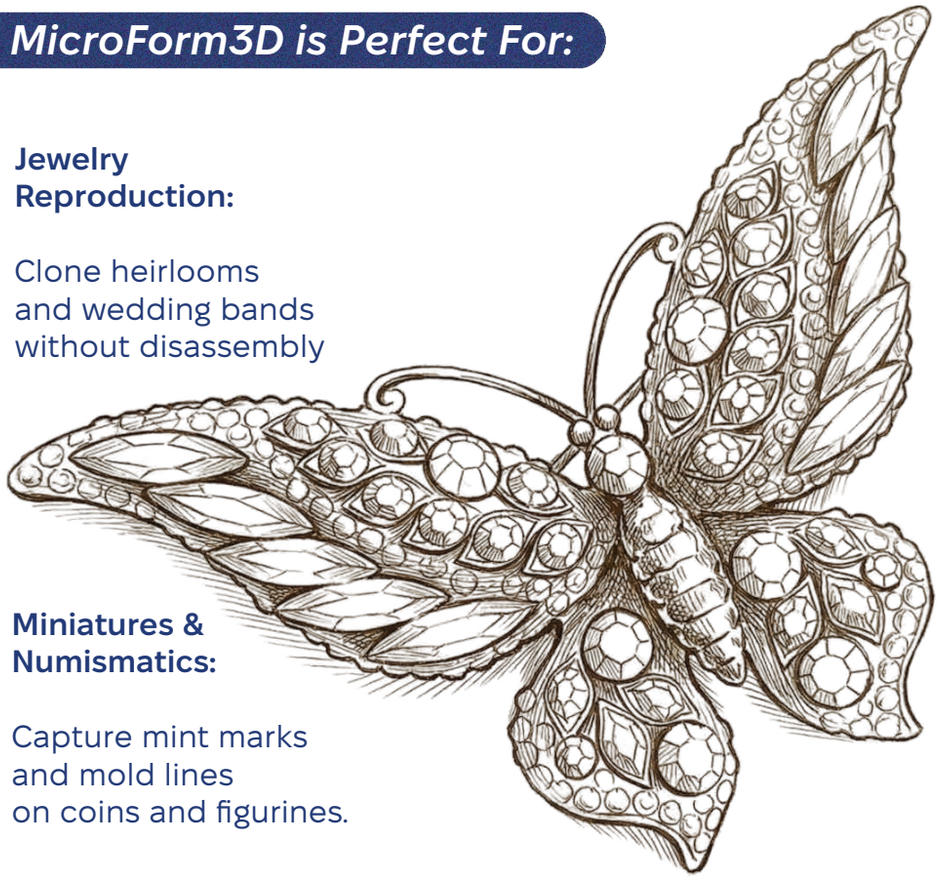
MicroForm3D is Perfect For:



Jewelry Reproduction:

Clone heirlooms and wedding bands without disassembly

Gemstone Fitting:

Exact digital replicas for perfect bezel fits

Watchmaking:

Reverse engineer tiny mechanical components

Miniatures & Numismatics:

Capture mint marks and mold lines on coins and figurines.

Why MicroForm3D:

2x Larger Work Area:
Scan objects up to 200x100mm without losing edge resolution.

Unlimited Support:
Direct access to the engineers who designed the scanner.

Industrial Components:
Built with high-grade optics, not consumer projectors.

Technical Specifications:

Resolution: 0.029 mm per pixel
Effective Resolution: 20MP (via Motion-Scanning)
Accuracy: 0.010 mm
Work Area: 200 x 100 mm
Cameras: Industrial Mono Sensors
Output: Open STL (Universal Compatibility)

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CHOOSE YOUR PACKAGE

	BASIC:	PRO:	ENTERPRISE:
Price	**$4,999**	**$7,000**	**$9,999**
Work area (mm)	125x85	200x100	200x100
Resolution (mm/px) [1]	0.035	0.029	0.029
Scan Speed	1x	2x	2x
Part Fixtures	4	7	9
Warranty	1 year	2 year	4 years
Support	Email only	WhatsApp, Email, more	WhatsApp, Email, more
Support Speed	Up to 2 days	Quick 12 h/7d support	Quick 12 h/7d support
Training Provided	Manual Only	2 h Live Session	Unlimited Training
Fast Replacement	No	No	Yes
Scan-to-CAD Courses	No	No	Yes

Same industrial hardware quality.
Choose the level of service that fits your business.

BASIC:

For independent designers and startups.
You get the full power of the MicroForm3D hardware without the overhead. Ideal if you are tech-savvy and don't require immediate assistance. Includes: Scanner, Software, Manuals.

PRO:

For active jewelers where time is money.
Balances hardware with security. Includes direct access to engineers via WhatsApp/Email for instant workflow help and an extended warranty. Includes: 2-Year Warranty, Live Support, Priority Service.

ENTERPRISE:

Ensures zero downtime.
Includes comprehensive team training and "hot swap" device replacement if any issues arise. Includes: 4-Year Warranty, Unlimited Team Training, Fast Device Replacement.

www.microform3d.com

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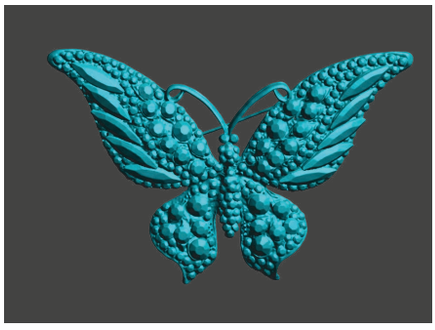
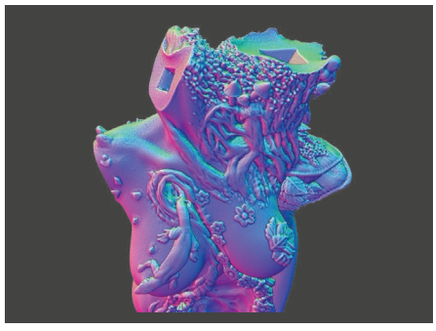
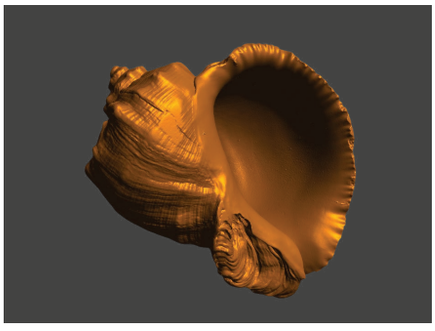


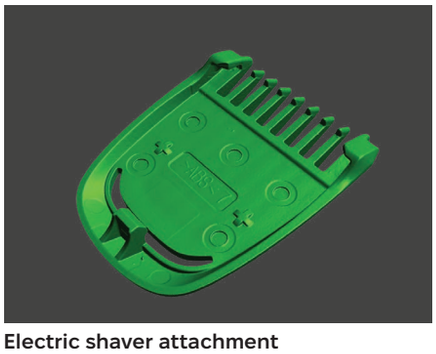
Butterfly
This butterfly brooch features a variety of gemstones in assorted sizes, each meticulously cut to showcase sharp, clear facets.



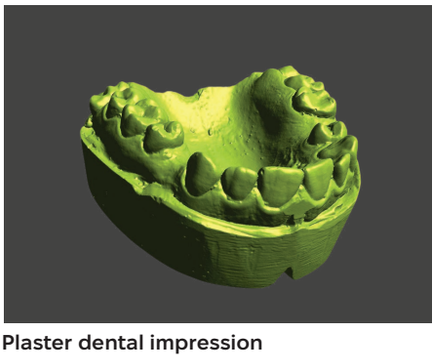
Mother Earth
This model is 84 mm tall. Yet you can see even the tiniest details, like the lizard's legs—and features you wouldn't notice with the naked eye. Our scanner is the only one that can capture models this large at such high resolution.



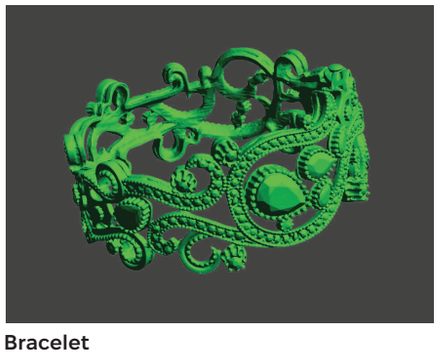
Large seashell
The longest dimension of this shell is 112 mm. Even so, the scanner captured every tiny detail. Our scanner is the only one that makes this possible.



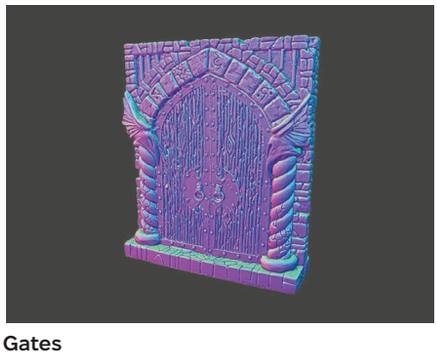
Electric shaver attachment
High detail lets you inspect how the injection mold works and whether everything on the production line behaves as designed.



Plaster dental impression
70 mm—the model lets you analyze not only the teeth themselves, but also the plaster processing and material quality.

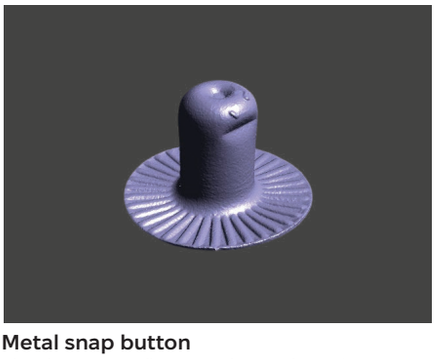


Bracelet
Scanning an 80mm diameter bracelet is a challenge that leaves other scanners behind.



Gates
Another example of a large piece — 80 × 66 mm—that other scanners can't capture at this level of resolution.

Battery charger cover
Just an 80 mm cover that looks small compared to the others—yet most jewelry scanners still can't handle it.



Metal snap button
This button is fingernail-sized — 12 mm — but our scanner reveals every stamping defect so you can see why snaps don't engage and scrap rates rise.