



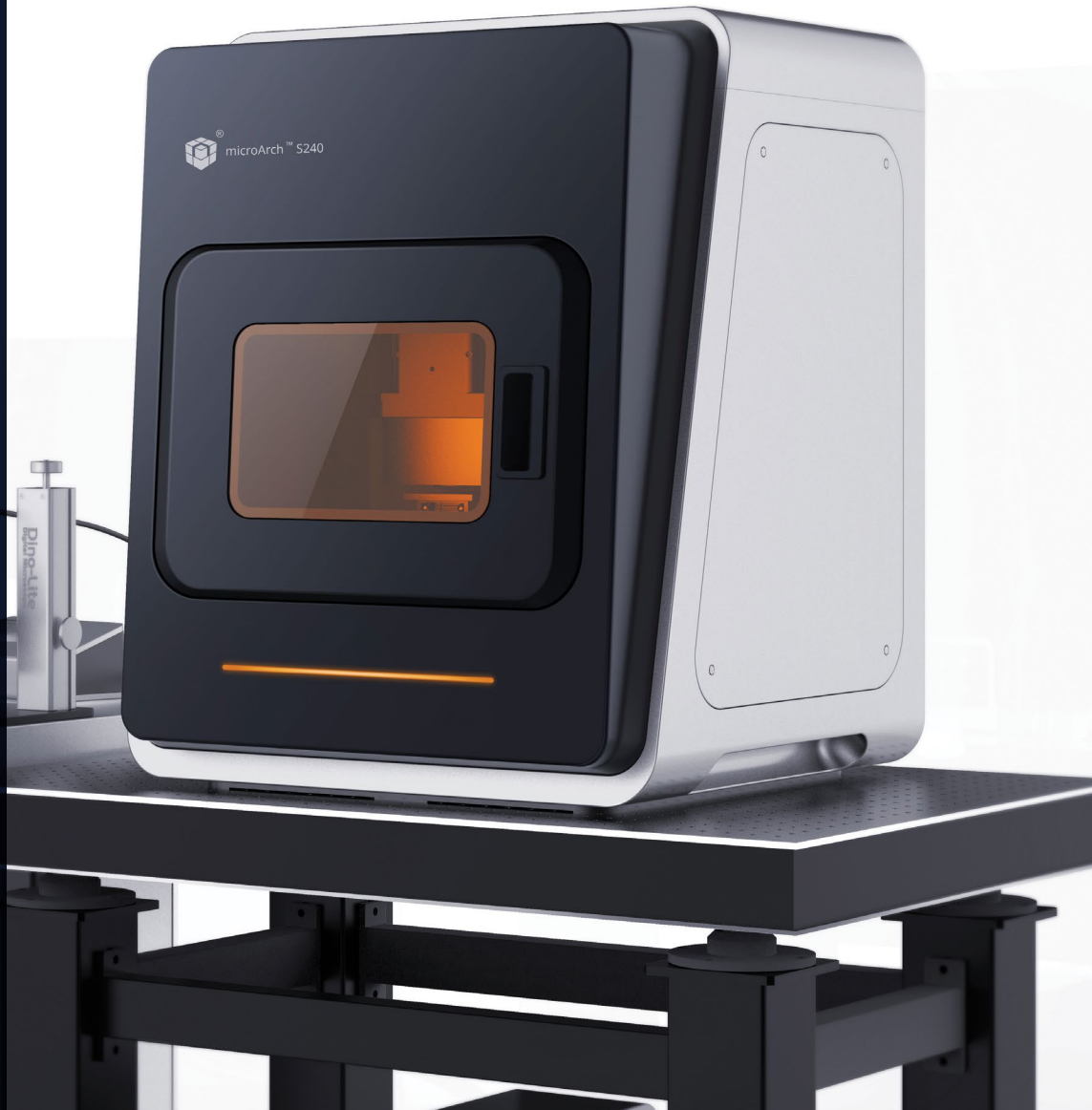
× INTRODUCING



# microArch™ S240

Micro-Precision 3D Printer

THE PERFECT CHOICE FOR INDUSTRIAL PRODUCTION





The microArch S240 allows for faster print times and stronger, more durable materials designed specifically to meet the needs of industrial production.

**FASTER PRINTING SPEEDS**

Up to 10× faster than current platforms

**LARGER BUILD VOLUME**

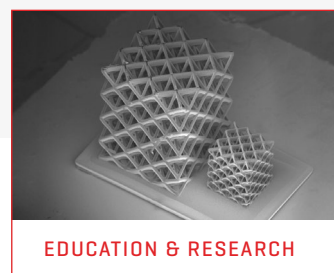
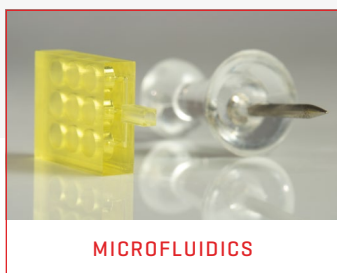
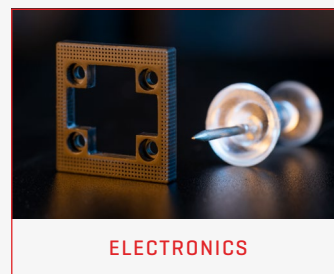
100 × 100 × 75mm / 750 cm<sup>3</sup>

**RESOLUTION × ACCURACY × PRECISION**

XY print resolution - 10 μm

The newest in BMF's line of 3D printers, the microArch S240 is based on the company's innovative PROJECTION MICRO STEREOLITHOGRAPHY (PμSL) technology, a technique that allows for rapid photopolymerization of a layer of liquid polymer using a flash of UV light at micro-scale resolution.

The superior production of intricate, exact, and replicable parts makes PμSL the optimal prototyping process for various use cases across a wide variety of industries.



UP TO  
**10x FASTER**

MATERIAL VISCOSITY UP TO  
**20,000cP**

## NEW FEATURES

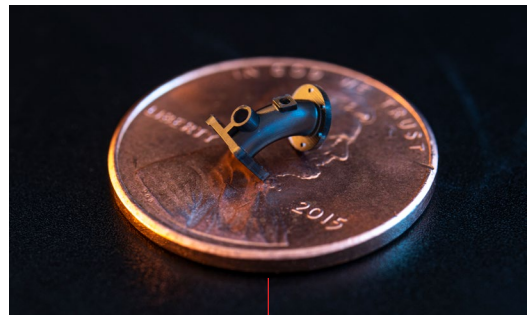
- Advanced roller system spreads layers in seconds, resulting in build speeds up to 10x faster.
- Ability to handle higher viscosity materials, resulting in the production of stronger functional parts.
- Ability to print industrial-grade composite polymers and ceramics.

The microArch S240's first-class attributes, including a larger build volume, allows for production of much bigger parts and much higher throughput - ideal for production.

ADDITIONAL FEATURES HELP MIRROR THE END PART SEAMLESSLY.

- ✓ MIRROR FINISH
- ✓ SHARP EDGES
- ✓ SMOOTH CHANNELS

With the microArch S240, you can achieve a finished part that is exactly how it was intended to look, feel, and fit [true to CAD].



RESOLUTION / PART TOLERANCE  
**10 $\mu$ m, +/- 25 $\mu$ m**



MUCH HIGHER THROUGHPUT  
&  
MUCH BIGGER PARTS



HARDWARE & TECHNOLOGY

PRINTING TECHNOLOGY	PμSL (Projection Micro Stereolithography)
LIGHT SOURCE	UV-LED
LIGHT WAVELENGTH	405nm
PRINTING MATERIAL	Photosensitive resins, ceramic
INPUT DATA FILE FORMAT	STL

PERFORMANCE

OPTICAL RESOLUTION	10μm
PRINT SIZE	MODE 1 - 19.2 × 10.8 × 75mm (single exposure) MODE 2 - 100 × 100 × 75mm (multi exposure) MODE 3 - 100 × 100 × 75mm (for array)
LAYER THICKNESS	10-40um
TOLERANCE	+/- 25μm

FACILITY

POWER SUPPLY	2kW
PRINTER DIMENSIONS	650(L) × 700(W) × 790(H) mm
PRINTER WEIGHT	350kg
VOLTAGE	110-220V
CERTIFICATIONS	CE



## CUSTOMER SUPPORT SERVICES

- Operational training and technical consultations
- Repair services for damaged parts
- Software updates
- Team response within 24 hours, and on-site repair professionals

→ TO LEARN MORE, VISIT [BMF3D.COM](http://BMF3D.COM)

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