



Advent 3D

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FORM 3B & FORM 3BL

The Trusted 3D Printers for
Hands-On Healthcare



Form 3B

Dynamic Care That Works at Your Speed

The Form 3B is an advanced desktop 3D printer optimized for biocompatible and engineering materials. Print patient-specific parts in a day at the point of care, or bring nimble, impactful R&D and low-volume commercial production in-house.



Form 3BL

The Large Format 3D Printer For Human-Scale Models

3D print patient anatomy at scale with the Form 3BL, a large format medical 3D printer optimized for biocompatible and engineering materials.

COMMITTED TO CLINICAL INNOVATION

Our technology has been validated in FDA-cleared workflows and we develop and manufacture our own materials in an ISO 13485 certified facility.

NONSTOP PRINTING

Formlabs 3D printers constantly monitor print performance so you can focus on creative solutions. Many components can be replaced in-house, reducing the need for replacement printer shipments.

AN END-TO-END 3D PRINTING ECOSYSTEM

We've made every step of the process as easy as possible, with simple print preparation software and our automated post-processing system, Form Wash and Form Cure.

SCALES WITH YOU

Start with one 3D printer or many, and add capacity as demand grows or needs change. Get helpful, personal service when you need it from a Formlabs expert with our Medical Service Plan.

One Platform, 20+ Materials

Be ready for whatever comes in the door, with a wide variety of biocompatible and engineering materials.

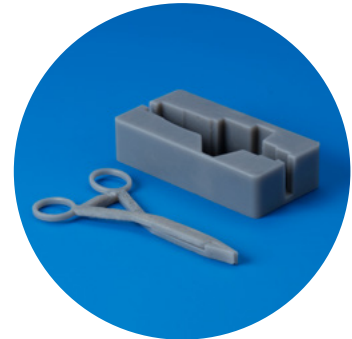
FEATURED MATERIALS



Surgical Guide Resin
for Experimental Applications



Elastic Resin for Flexible,
Translucent 3D Printed Anatomy



Tough 1500 Resin for Stiff,
Pliable Functional Parts



Clear Resin
for Rigid, Translucent Models



Standard Resins
for High-Detail Models

“Formlabs tools are game changing. My Formlabs printer is my first line when I want a rapid, high resolution print. It is in every sense my right-hand printer and resides in my office. The interface allows individuals in my lab to quickly become comfortable with operations and the versatility of the material choices has allowed for tremendous innovation for our group.”

David Zopf, MD, MS

*Assistant Professor, Department of Otolaryngology-Head and Neck Surgery,
Michigan Medicine*

Tech Specs

Form 3B

Form 3BL

TECHNOLOGY	Low Force Stereolithography (LFS) [™]	Low Force Stereolithography (LFS) [™]
BUILD VOLUME W x D x H	14.5 × 14.5 × 18.5 cm 5.7 × 5.7 × 7.3 in	33.5 × 20 × 30 cm 13.2 × 7.9 × 11.8 in
XY RESOLUTION	25 microns (0.001 in)	25 microns (0.001 in)
LASER SPOT SIZE	85 microns (0.0033 in)	85 microns (0.0033 in)
LASER POWER	One 250 mW laser	Two 250 mW lasers
LAYER THICKNESS	25 - 300 microns (0.001 - 0.012 in)	25 - 300 microns (0.001 - 0.012 in)
MATERIALS	Biocompatible, Engineering, and More	Biocompatible, Engineering, and More
SUPPORTS	Auto-Generated, Light-Touch Removal	Auto-Generated, Easy Removal
FILE TYPE	STL or OBJ	STL or OBJ

