Form 2

The most advanced
desktop 3D printer
ever created.

formlabs

Powerful Printer. Amazing Ecosystem.

The Form 2 comes standard with one liter of resin, Preform Software, finishing tools, and a one-year warranty. Set up is so simple, you'll be printing in 15 minutes.

Desktop Stereolithography

The Form 2 delivers professional quality parts right from your desktop.
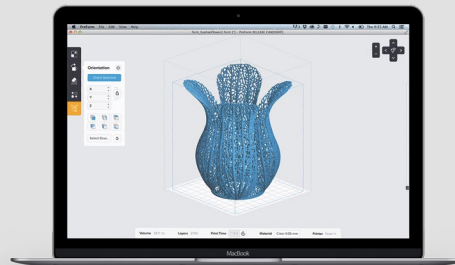
Advanced Materials

Our library of Standard and Functional Resins has been designed to work with the Form 2 to deliver beautiful results.

Intuitive Software

Preform makes printing simple. With one click, you can prepare your model and upload your project over Wi-Fi.

Easy Finishing

Our redesigned Finish Kit simplifies the post-print process, making finishing your parts quick and easy.

What's New?

See what makes the Form 2 the most
advanced desktop 3D printer ever created.

Bigger, Better Prints

With a 40% bigger build volume, and a 50%
more powerful laser, the Form 2 is capable
of large prints with spectacular detail.

Print Complete
1800 1800 LAYERS

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Redesigned Print Process

A new peel mechanism and heated resin
tank create a reliable print process.

Touch Screen + Wi-Fi

Easily send prints over Wi-Fi, reprint previous
jobs, and manage your print queue.

Materials Library

Our resin cartridges are easy to store
and swap out, giving you more
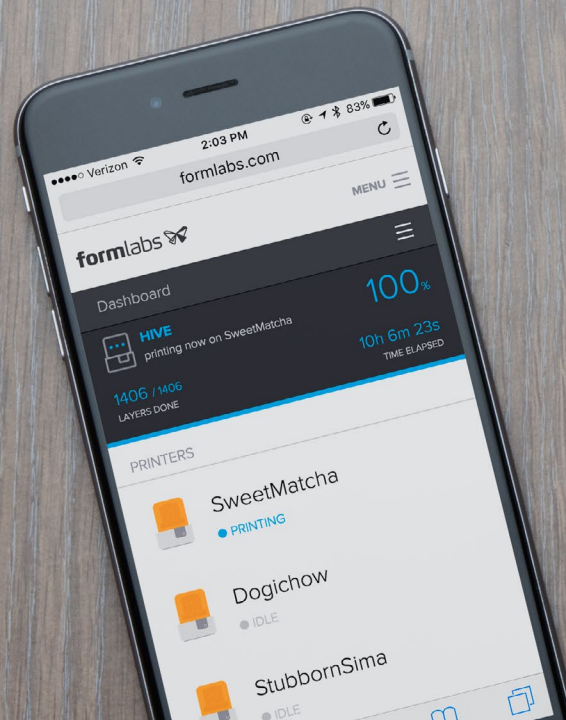flexibility and less mess.

Automated Resin System

The Form 2 automatically dispenses material from the resin cartridge based on the size of your prints. Print big parts without pausing for refills.
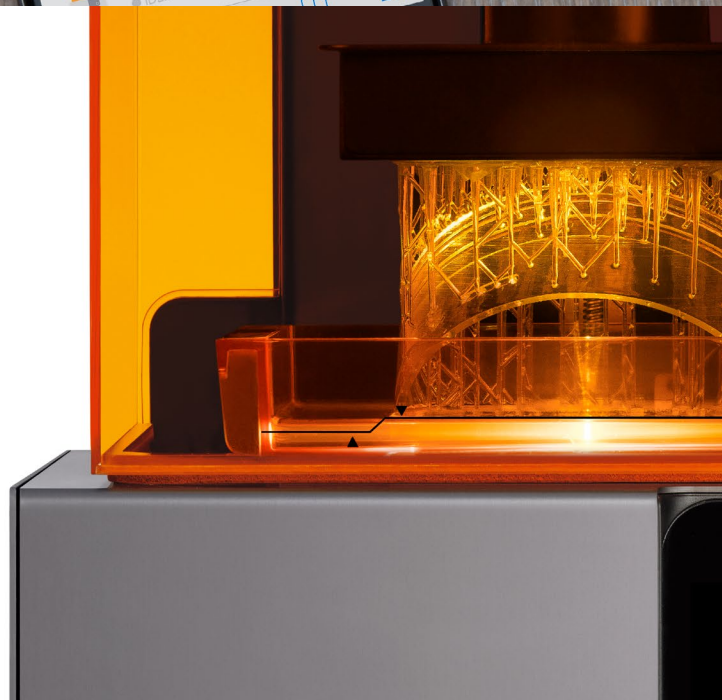
Connected Printing

Stay informed wherever you are. Your Printer Dashboard allows you to access your Form 2 from anywhere.
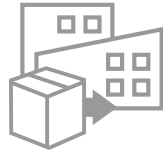
" Expect very high-quality 3D prints with excellent detail from the Form 2."
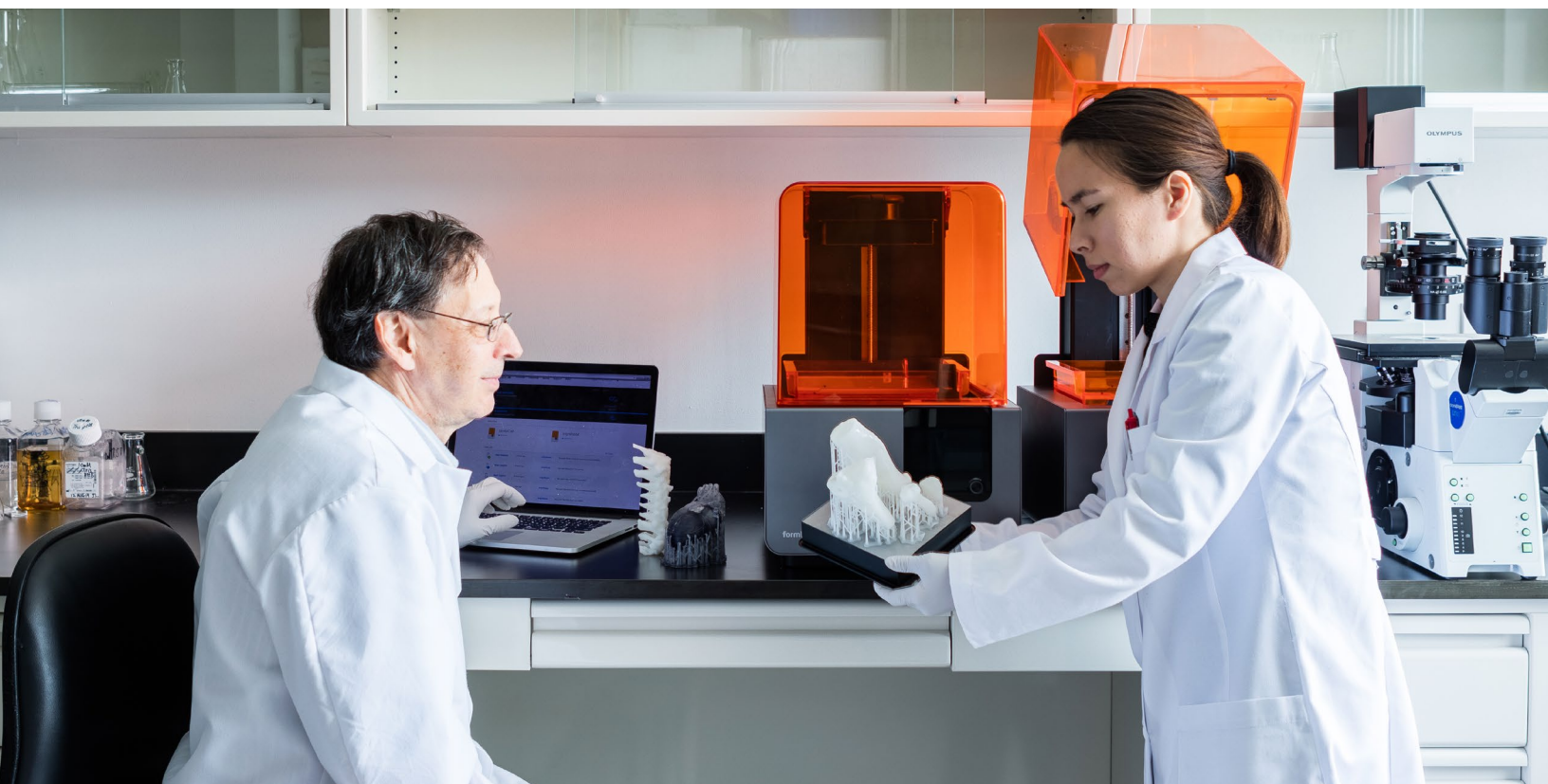
— Richard Baguley, Tom's Guide

The Desktop Advantage

Achieve excellent results faster by harnessing the power of desktop printing.

ROOK SAMPLE PART

	SERVICE BUREAU	FORM 2	INDUSTRIAL SLA
TURNAROUND TIME	1 – 2 weeks	**Hours**	< 24hrs
UPFRONT COST	$0	**$3499**	$60K – $300K
ROOK PRINT COST	$75.00	**$1.67**	$6.00
PRINT COST VS. FORM 2	45x	**1x**	3.5x
LONG TERM COSTS	N/A	**free one-year warranty**	mandatory service contract (~$15K)
ACCESSIBILITY	external, third party	**internal, desktop, anyone can use**	internal, workshop, run by a technician, often projects will be billed for use

"[The Form 2 is] the best prosumer 3D printer I've used."

— *John Biggs, Editor at TechCrunch*

Exceptional Print Quality

The Form 2 delivers professional-quality printed parts at a fraction of the price.

HOBBYIST FDM[1]	DESKTOP SLA (FORM 2)[1,2]	INDUSTRIAL SLA[1]
Part cost: $0.41	Part cost: $1.67	Part cost: $6.00
Machine cost: $2,500	Machine cost: $3,499	Machine cost: $300,000

"When viewed side-by-side, complex models printed by the Form 2 looked like finished products that you could buy in a store — the same models printed by a FDM printer feel like cheap toys in comparison."
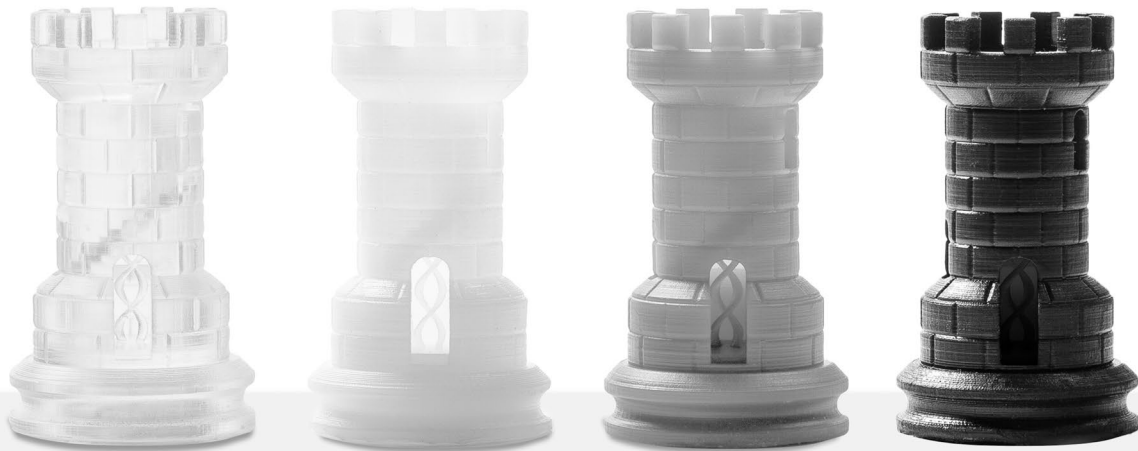
— *Devindra Hardawar, Senior Editor at Engadget*

[1]All parts printed at 100 micron layer height.
[2]Printed in Formlabs 'Grey Resin' — one of our Standard prototyping resins.

Materials Library

Standard Resins
Custom designed in-house to deliver the highest-quality output, our print materials capture astonishing detail without sacrificing durability or toughness.

HIGH-RESOLUTION
For demanding applications, our carefully-engineered resins capture the finest features in your model.

STRENGTH AND PRECISION
Our resins create accurate and robust parts, ideal for rapid prototyping and product development.

SURFACE FINISH
Perfectly smooth right out of the printer, parts created on the Form 2 have the polish and finish of a final product.

Materials Library

Functional Resins

Our growing library of high-performance resins adds new capabilities to the Form 2, offering a range of material properties to explore.

TOUGH RESIN

Tough is durable, adaptive, and impact-resistant. Developed to withstand high stress or strain, it is ideal for snap-fit joints and rugged prototypes.
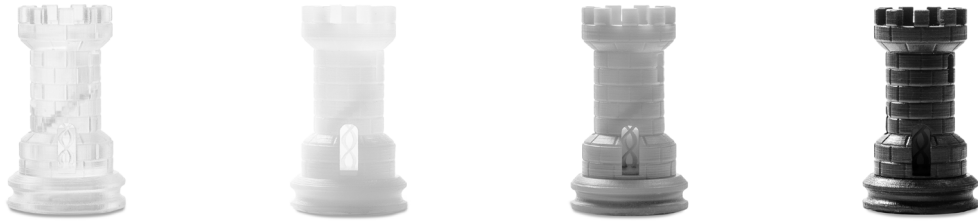
CASTABLE RESIN

Castable burns out cleanly, without ash or residue, perfect for capturing your high-resolution prints through investment casting.

FLEXIBLE RESIN

Flexible is versatile, tactile, and impact-resistant. It is excellent for making parts that are bendable and compressible.

Material Specifications

	CLEAR	WHITE	GREY	BLACK
Price	$149 /1L	$149 /1L	$149 /1L	$149 /1L
200 Microns	✓			
100 Microns	✓	✓	✓	✓
50 Microns	✓	✓	✓	✓
25 Microns			✓	✓
Application	• Transparent polish • Internal Channels • Working with light	• Neutral Tone • Slightly Opaque • Base for Painting	• Neutral Tone • Slightly Opaque • Smooth surface • Great for photography	• Highly pigmented • Most opaque • Small details • Delicate features

FUNCTIONAL RESINS

	TOUGH	CASTABLE	FLEXIBLE
Price	$175/1L	$299 /1L	$199 /1L
200 Microns			
100 Microns	✓	✓	✓
50 Microns	✓	✓	✓
25 Microns		✓	
Application	• Impact Resistant • Cyclic stress/strain • Machining • Snap-fit	• Designed for Investment Casting • Burns out cleanly • Requires post-cure	• Impact Resistant • Compression • Ergonomic, soft-touch grips

Powerful Software

Preform is our powerful print preparation software. Its intuitive interface makes printing easy while also offering powerful features for advanced users.
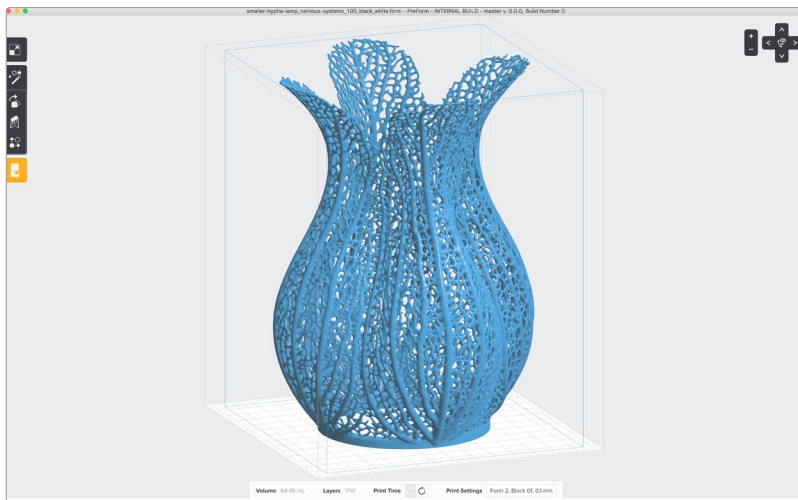

SIMPLE PROCESS

Automatic tools for orientation and support generation make print setup fast and effective.

ADVANCED FEATURES

Our advanced mode reveals complexity when you need it, allowing you to fine tune details like individual support placement, density, and geometry.

PRINT MANAGEMENT TOOLS

Print time and volume estimates help you calculate costs.

System Requirements

Windows 7 and up
Mac OS X 10.7 and up
OpenGL 2.1 support
2GB RAM

Features

Simple print setup
One-Click-Print
Auto-orient for optimal print position
Auto-mesh repair
Auto-generation of supports
Rotation, scaling, and duplication
Layer slicer for path inspection
.STL and .OBJ file input

Download today at
formlabs.com/products/preform

"The Form 2 could not be easier to use, and that is by design."
— Jackie Dove, Next Web

Technical Specifications

PRINTER

Price	$3499
Dimensions	35 × 33 × 52 cm 13.5 × 13 × 20.5 in
Weight	13 kg / 28.5 lbs
Operating Temperature	Autoheats to 35° C or 95° F Self-heating Resin Tank
Power Requirements	100–240 V 1.5 A 50/60 Hz 65 W
Laser Specifications	EN 60825-1:2007 certified Class 1 Laser Product 405nm violet laser 250mW laser
Connectivity	Wi-Fi, Ethernet and USB
Printer Control	Interactive Touch-screen with Push-button

PREFORM SOFTWARE

System Requirements	Windows 7 and up Mac OS X 10.7 and up
File Type	.STL or .OBJ

PRINTING PROPERTIES

Technology	Stereolithography (SLA)
Peel Mechanism	Sliding Peel Process with Wiper
Resin Fill System	Automated Cartridge System
Build Volume	145 × 145 × 175 mm 5.7 × 5.7 × 6.9 in
Layer Thickness (Axis Resolution)	25, 50, 100, 200 microns 0.001, 0.002, 0.004, 0.008 in.
Laser Spot Size (FWHM)	140 microns 0.0055 inches
Supports	Auto-Generated Easily Removable

FINISHING KIT

Includes

- Finishing Tray
- Scraper
- Pre and Post-Rinse Tubs
- Rinse Basket
- Squeeze Bottle
- Flush Cutters
- Tweezers
- Disposable Nitrile Gloves
- Removal Tool
- Removal Jig

Expert Customer Support

Formlabs is an established leader in desktop 3D printing, with service centers in North America and the EU.

ONE YEAR WARRANTY
The Form 2 ships with an industry-leading one-year standard warranty. No expensive contracts. Just service you can trust.

CUSTOMER SUPPORT
Your Form 2 comes with access to our experienced Customer Support engineers. Get the help and advice you need, fast.

SERVICING
If you run into problems, we'll make sure your printer is fixed quickly. We cover return shipping within our service regions too.

EDUCATIONAL RESOURCES
Our extensive online support site is filled with articles, videos, webinars and forums to provide help from our growing community.

Additional Resources

Helpful links

Order the Form 2 today

Order a sample part

Form 2 Quick Start Guide

Material Data Sheets

Contact

Contact the sales team

Contact the support team

ORDER TODAY
formlabs.com/store

QUESTIONS?
hello@formlabs.com