

formlabs



Unlock your Creativity!



FORM 2

3D PRINTER



Gesswein®

The Right Tools

Since 1914

www.gesswein.com

Jewelry Tools

Unlock Your ONE

Gesswein & Formlabs

are committed to bringing innovative and sophisticated fabrication tools into the creative hands of designers, engineers, and artists around the world.

An unprecedented convergence of design, performance, and accessibility, the Form 2 brings professional-quality 3D printing to a broader audience.

We believe in what we do, and we're excited about creating powerful tools that change the way we work and live.

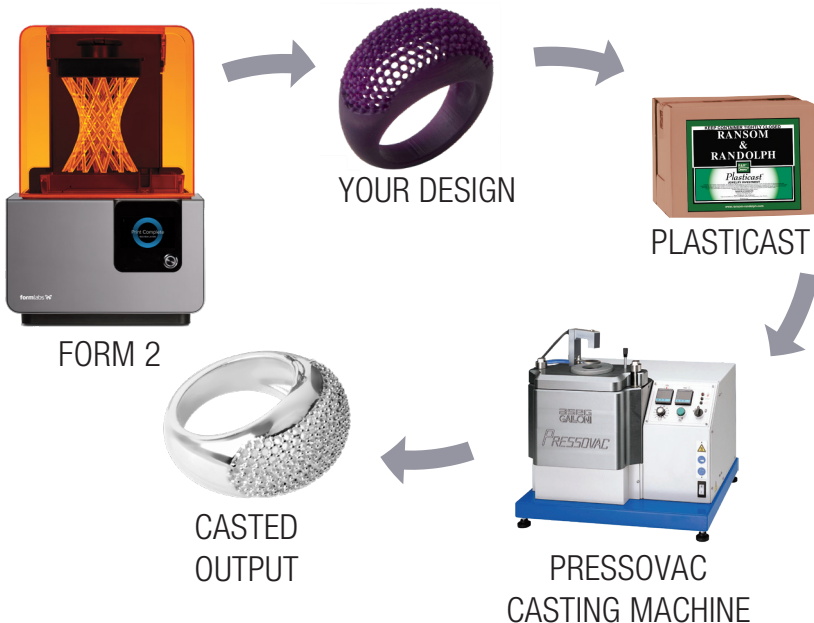
The Technology

Looks-Like: Test design iterations and communicate ideas to stakeholders affordably and quickly.

Works-Like: Reliably develop proofs of concept and test functional prototypes with materials closely matching common injection-molded plastics.

Feels-Like: Simulate a range of materials from rubber to rigid, and create prototypes with the smooth finish and feel of end products.

CASTING PROCESS



Creativity

BUILD AT A TIME!

Tech Specifications

Dimensions	35 × 33 × 52 cm (13.5 × 13 × 20.5 in) 13 kg (28.5 lbs)
Operating Temp. Suggested	Auto-heats to 35° C (95° F)
Temp. Control	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 USB	Wi-Fi, Ethernet and USB
Optical Path	Protected
Printer control	Interactive Touch-screen with Push-button

Design Specifications

Minimum Supported Wall Thickness	Recommended: 0.4 mm
Minimum Unsupported Wall Thickness	Recommended: 0.6 mm
Maximum Unsupported Overhang Length	Recommended: 1.0 mm
Minimum Unsupported Overhang Angle	Recommended: 19° from level
Maximum Horizontal Support Span/Bridge	Recommended: 21 mm
Minimum Vertical-Wire Diameter	Recommended: 0.3 mm (7 mm tall) to 1.5 mm (30 mm tall)
Minimum Embossed Detail	Recommended: 0.1 mm
Minimum Engraved Detail	Recommended: 0.4 mm
Minimum Clearance	Recommended: 0.5 mm
Minimum Hole Diameter	Recommended: 0.5 mm
Minimum Drain Hole Diameter	Recommended: 3.5 mm



For more details or to view our complete line
www.gesswein.com

201 Hancock Ave. Bridgeport, CT 06605, USA | order toll free 800.243.4466

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WHAT YOU NEED TO GET STARTED



FORM 2 262-0168

STARTING AT

\$3350⁰⁰

From concept to design, the Form 2 is a powerful tool for jewelers, artists, and designers. Quickly prototype new designs and rapidly produce large batches of ready-to-cast parts.

Castable Resin with Wax 262-0390

\$299⁰⁰

The next generation in Castable Resin is here!

Formlabs Castable Wax Resin is ideal for those designs that require Sharp Detail and Clean Casting Every Time! Contains 20% wax-filled material for reliable casting with zero ash content and clean burnout every time. Castable Wax Resin accurately captures intricate features and offers the smooth surfaces stereo lithography 3D printing is known for. Printed parts are strong enough to handle with no post-cure required, suitable for custom try-ons and direct investment casting.

- Delicate Geometries, High Precision and Accuracy: Castable Wax is recommended for filigree, pavé, and pieces with ornate surface detail with no visible layer lines.
- A Reliable, Efficient Workflow for Easy Burnout: Castable Wax is wax-filled for easy, clean casting.

See more Formlabs Resins on reverse.





Formlabs Standard Resins

\$149⁰⁰

Available in Black, Clear, Grey and, White. These resins are formulated to deliver the highest-quality output, our resin captures astonishing detail without sacrificing durability and toughness.

Black Resin (V4) 262-0260

Is formulated for models with very small features and intricate details. Supports print resolution: 100, 50 and 25 Microns.

Grey Resin (V4) 262-0240

Is an opaque, matte, dark grey resin. Its smooth surface and crisp detail are perfect for general purpose applications from prototyping to capturing small details. Supports print resolutions: 100, 50 and 25 Microns.

White Resin (V4) 262-0270

Captures smooth surfaces and details, making it great for presentation-ready pieces or as a base for painted prints. Supports print resolutions: 100 and 50 microns.

Clear Resin (V4) 262-0186

Polishes to near optical transparency, making it ideal for working with light or showcasing internal features. Supports print resolution: 100, 50 and 25 Microns.

UV Post Curing Chamber

262-0190

\$125⁰⁰

Designed to cure (harden) 3D printed resin models after production prior to casting. Settings include run times in intervals of 5 and 10 minutes and continuous mode. (110V)



Gesswein UV Curing Chamber

262-0195

\$995⁰⁰

Specialty high intensity UV lamp cures models in 3-5 minutes, depending on the resin being cured. Comes installed with a "Cooling" Fan in order to keep the high strength lamp running at the optimal temperature. (110V)



Form Wash 262-0164 **\$499⁰⁰**

Formlabs Form Wash's impeller agitates isopropyl alcohol (IPA) to flow around every nook and cranny of your part, getting them perfectly clean every time. When washing completes, Form Wash automatically raises parts, making sure your designs never warp. Parts air dry and are ready when you are. **BUILT TO FIT THE BUILD PLATFORM:** Parts can stay right on the build platform protecting delicate prints, or be removed and placed in the basket. **SIMPLE IPA MONITORING:** Form Wash can hold up to 8.6 liters (approx. 9 quarts) of IPA, enough to wash approximately 70 prints. Approximate wash time when using fresh IPA is 15 minutes.



Form Cure 262-0165 **\$699⁰⁰**

FINELY TUNED FOR CONSISTENT CURING: An advanced heating system precisely controls curing temperatures up to 80° C. 13 multi-directional LEDs emit the optimal wavelength of light for curing Formlabs materials, 405 nanometers. A rotating turntable provides uniform exposure during post-curing. The heating system preheats the chamber to get parts ready for optimum post-curing.



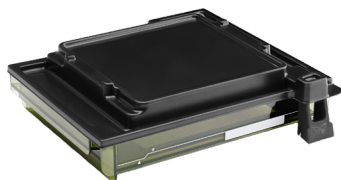
Resin Tank 262-0166 **\$59⁰⁰**

Extra Resin Tanks for Form 2 allow you to switch between resins quickly and easily.



Resin Tank-LT 262-0163 **\$99⁹⁵**

The Long Term Resin Tank lasts 20x longer than the standard resin tank and has more accurate printer detection, anti-spill geometry, and easier wiper release for streamlined workflows.



Build Platform 262-0167 **\$99⁰⁰**

A spare Build Platform for Form 2 can speed up your workflow, whether you're changing resins or starting a new print.



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