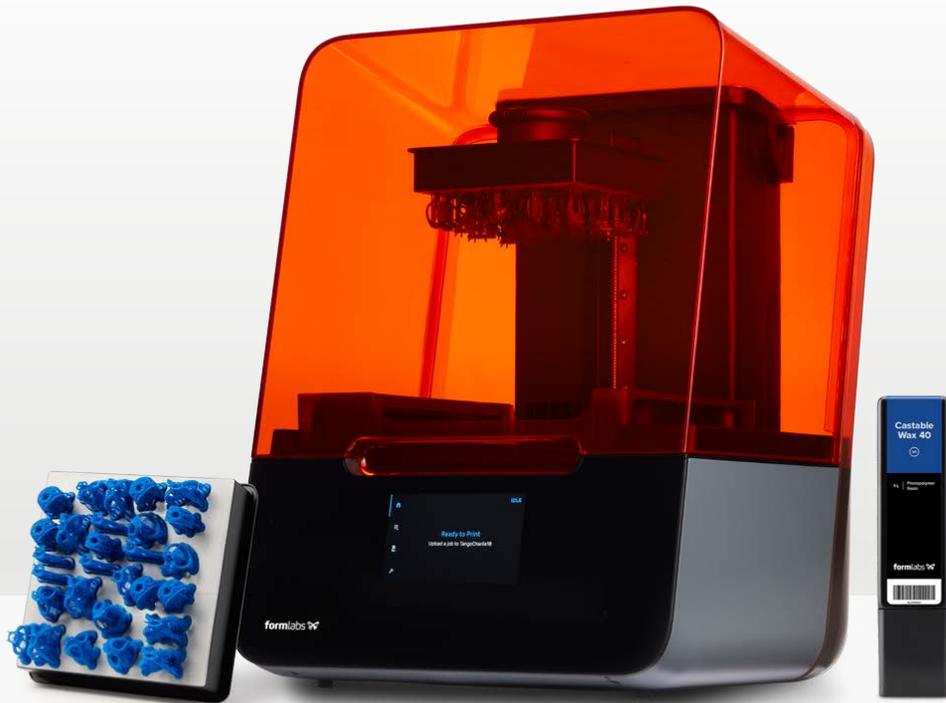




Form 3

Low Force Stereolithography (LFS) Technology to
Support Jewelry Workflows

formlabs 



Form 3 for Jewelers

The Form 3 supports jewelers every step of the way, from design to casting. Reliably print crisp settings, sharp prongs, smooth shanks, and fine surface detail with advanced Low Force Stereolithography (LFS) technology from the trusted leader in high resolution 3D printing. Create complex models, preserve custom designs, and expand your business with a digital jewelry workflow supported by the Form 3.

Form 3 Tech Specs

TECHNOLOGY	Low Force Stereolithography (LFS) [™] 3D printing
BUILD VOLUME (W X D X H)	14.5 × 14.5 × 18.5 cm 5.7 × 5.7 × 7.3 in
LAYER THICKNESS	25 - 300 microns 0.001 - 0.012 in
XY RESOLUTION	25 microns (0.001 in)
OPTICS ENGINE	1 Light Processing Unit 250 mW laser power
SUPPORTS	Auto-Generated, Easy Removal
WARRANTY	One Year Warranty included. Extended Warranty, Pro Service, and Enterprise Plan available.



Castable Wax 40 Resin: Producing Clean Castings

From intricate bridal jewelry to large demanding pieces, Castable Wax 40 Resin offers the easiest workflow on the market for 3D printing and casting challenging, highly detailed designs. With a 40% wax fill and low expansion, Castable Wax 40 Resin supports a wide range of lost wax casting conditions and is compatible with leading gypsum investments, producing superior results for jewelers who outsource casting. Castable Wax 40 Resin creates beautiful 3D printed jewelry pieces that burn out cleanly. Castable Wax 40 Resin prints at 25 and 50 microns. Ideal for:

Heavyweight and large parts like
signet and class rings

Pendants and medallions

Highly detailed jewelry designs
like custom bridal jewelry



INVESTMENT CASTING

Cut down on manual labor and create castable parts in hours. The Form 3's rapid print process, accuracy, and surface finish enable you to move directly from design to production. Our verified burnout schedule ensures clean burnout and smooth surfaces on every piece.

FITTINGS AND CONSULTATIONS

Take advantage of the Form 3 to create "fitting pieces" to provide a consultative experience which builds excitement and delights your clients. SLA 3D prints are sturdier and more cost-effective than wax originals and can be reproduced or adjusted with a few clicks. Custom jewelry is now within reach.



RUBBER MOLDS FOR PRODUCTION CASTING

Making master patterns for rubber molding with 3D printing speeds up iteration and lowers costs. Use the masters to create molds that produce waxes in quantity for investment casting. Standard Resins are perfect for cold molding (RTV) and High Temp Resin withstands the heat of vulcanizing natural rubber.



Get Started Now.

Formlabs 3D printers are ready to plug and print right out of the box, no specialized training required.