

[Tech Specs \(/3d-printers/tech-specs/\)](#)

[Design Specs \(/3d-printers/design-specs/\)](#)

Form 2 Tech Specs

Hardware

Dimensions

35 × 33 × 52 cm

13.5 × 13 × 20.5 in

Weight

13 kg

28.5 lbs

Operating Temperature

Auto-heats to 35° C

Auto-heats to 95° F

Temperature 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

Wifi, Ethernet and USB



Optical Path

Protected

Printer control

Interactive Touch-screen with Push-button

Printing Properties

Technology

Stereolithography (SLA)

Peel Mechanism

Sliding Peel Process with wiper

Resin Fill System

Automated

Build Volume

145 × 145 × 175 mm

5.7 × 5.7 × 6.9 in

Layer Thickness (Axis Resolution)

25, 50, 100 microns

0.001, 0.002, 0.004 inches

Laser Spot Size (FWHM)

140 microns

0.0055 inches

Supports

Auto-Generated

Easily Removable

Material Properties

Packaging

1 L cartridges

Methacrylate Photopolymer Resin

More Information [\(/materials/\)](#)

Resin Material Properties



- [📄 Castable Resin Burnout Process \(/media/upload/Castable-Resin-Burnout-Process.pdf\)](/media/upload/Castable-Resin-Burnout-Process.pdf) (PDF)
 - [📄 Clear Resin Datasheet \(/media/upload/Clear-DataSheet.pdf\)](/media/upload/Clear-DataSheet.pdf) (PDF)
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 - [📄 Full Materials Datasheet \(/media/upload/XL-DataSheet.pdf\)](/media/upload/XL-DataSheet.pdf) (PDF)
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Material safety data sheets

- [📄 Black Resin SDS \(EU\).pdf \(/media/upload/Black_Resin_SDS_EU.pdf\)](/media/upload/Black_Resin_SDS_EU.pdf) (PDF)
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PreForm Software

System Requirements

Windows 7 and up



Mac OS X 10.7 and up

OpenGL 2.1

2GB RAM

[Learn more](#) (/tools/preform/)

Hardware Requirements

Formlabs Form 2 3D Printer

Features

Simple print setup

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

.FORM file output

Finish Kit

Includes

Finishing Tray

Scraper

Pre and Post-Rinse Tubs

Rinse Basket

Squeeze Bottle

Flush Cutters

Tweezers

Disposable Nitrile Gloves

PEC*PAD Wipes

Microfiber cloth

Removal Tool

Removal Jig





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[Materials \(/materials/\)](/materials/)

[Form Cell \(/3d-printers/form-cell/\)](/3d-printers/form-cell/)

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The Fuse 1 & Form Cell: Production In Your Hands

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Form Wash and Form Cure: Professional Post-Processing

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