

FORMLABS FORM 2 3D PRINTER SPECIFICATIONS

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

[Castable Wax Datasheet](#) (PDF)

[Clear Resin Datasheet](#) (PDF)

[Dental LT Clear Datasheet](#) (PDF)

[Dental LT Clear Instructions for Use](#) (PDF)

[Dental Model Data Sheet](#) (PDF)

[Dental SG Resin Datasheet](#) (PDF)

[Durable Resin Datasheet](#) (PDF)

[Flexible Resin Datasheet](#) (PDF)

[High Temp Resin Datasheet](#) (PDF)

[Grey Pro Datasheet](#) (PDF)

[Rigid Datasheet](#) (PDF)

[Tough Resin Datasheet](#) (PDF)

[Full Materials Datasheet](#) (PDF)