



# Form 2

The most advanced  
desktop 3D printer  
ever created.

The Form 2 is the new standard for  
professional-grade desktop 3D printing,



## Professional 3D printing on your desktop.

Create rugged engineering prototypes, intricate artwork, or complex, watertight structures. The Form 2 is your team's tool to innovate.

### BIGGER PRINTS, INCREDIBLE RESOLUTIONS

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

### IMPROVED PRINT PROCESS

The Form 2's new slide peel mechanism and heated resin tank creates a reliable process for a range of prints: from solid parts to intricate details.

### AUTOMATED RESIN SYSTEM

The Form 2's new resin system automatically dispenses materials based on the size of your prints. This means you can print big parts without pausing for refills.

### CONNECTED PRINTING

The Form 2 comes with wireless connectivity and a touch-screen display. Now you can upload over wifi, manage your queue, and receive notifications when your prints complete.

### FORM 2

<b>Technology</b>	Stereolithography (SLA)
<b>Dimensions</b>	35 × 33 × 52 cm 13.5 × 13 × 20.5 in
<b>Build Volume</b>	145 × 145 × 175 mm 5.7 × 5.7 × 6.9 in
<b>Warranty</b>	One Year. Optional Pro Plan Available.

### PRINT RESOLUTION

<b>Min Layer Thickness</b>	25 µm (.001 in)
<b>Laser Spot Diameter (FWHM)</b>	140 µm (.006 in)

### SOFTWARE

<b>Compatibility</b>	Windows 7 and up Mac OSX 10.6.8 and up
<b>File Type</b>	STL or OBJ

# Form 2

3D Printing for  
Digital Dentistry





## Application: Surgical Guides

Perform precise, cost-effective surgeries with better clinical outcomes.



The Form 2 makes guided surgery cost-effective, with autoclavable, Class 1 biocompatible Dental SG Resin. Now you can 3D print digitally designed guides with precision on par with lab-fabricated guides and industrial 3D printers. Take advantage of digital implantology to reduce surgery time, improve patient experience, and achieve high-precision implant placement with ease.

### **BENEFITS:**

- ✓ Low-cost guide production
- ✓ Precise implant placement
- ✓ Improved clinical outcomes
- ✓ Easier, faster surgeries

## Application: Orthodontic Models and Appliances

Improve your patient experience and streamline your workflow.



Desktop 3D printing produces retainers and aligners that are more accurate than physical methods, eliminating uncomfortable physical impressions. With the Form 2, you can print dental appliances with same-day delivery for your patients. The Form 2 not only reduces procedure costs, but improves the overall patient experience.

### **BENEFITS:**

- ✓ Eliminate physical impressions
- ✓ Reduce skilled labor costs
- ✓ Improve patient experience

# Technical Specifications

## PRINTER

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

## PREFORM SOFTWARE

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

## PRINTING PROPERTIES

<b>Technology</b>	Stereolithography (SLA)
<b>Peel Mechanism</b>	Sliding peel process with wiper
<b>Resin Fill System</b>	Automated cartridge system
<b>Build Volume</b>	145 × 145 × 175 mm 5.7 × 5.7 × 6.9 in
<b>Layer Thickness (Axis Resolution)</b>	25, 50, 100, 200 microns 0.001, 0.002, 0.004, 0.008 in.
<b>Laser Spot Size (FWHM)</b>	140 microns 0.0055 inches
<b>Supports</b>	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



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