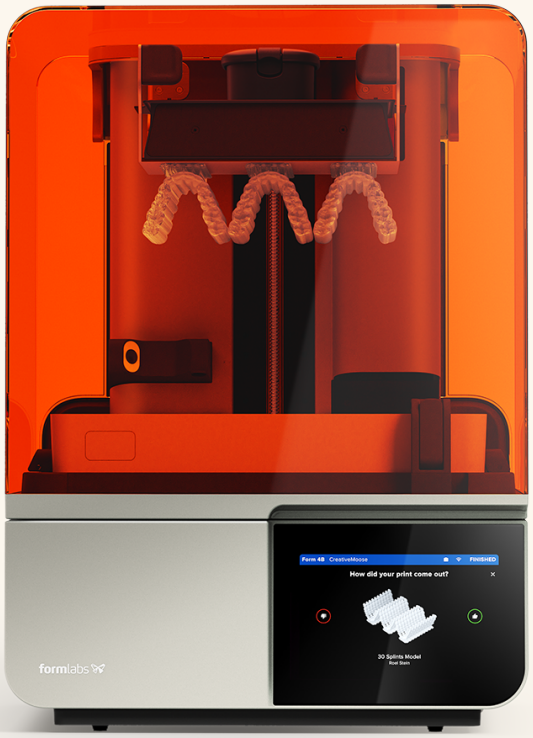
BLAZING SPEED MEETS UNMATCHED ACCURACY



DISCOVER HOW YOU CAN IMPROVE YOUR PRODUCTIVITY, PRINT QUALITY, AND WORKFLOW, AS WELL AS REDUCE COSTS AND LEAD TIME BY UPGRADING TO FORM 4B FROM FORM 3B OR FORM 3B+.

formlabs | dental

FORM 4B VS. FORM 3B/+

Improvement

2-5x faster print speeds for same-visit appliance delivery or more efficient production.

*Due to the larger print surface of Form 4B, more parts can be printed in one print job.

"We have found that we can eliminate appointments for patients because we can produce models so quickly on our Form 4B."

Dr. Lisa Alvetro, DDS, Orthodontist,
Alvetro Orthodontics

"I can print models in six minutes. That means this is approaching the point where models can be printed almost as fast as we can scan a patient."

Dr. Christopher Baer, DMD,
Baer Dental

20% larger print surface and **30% larger build volume** for increased productivity.

2 new dental resins provide high print speeds, increased accuracy, finer features, and improved aesthetics at lower cost.

15+ materials for dental applications, including biocompatible resins.

"We have a printer that is super fast, it has great resin options for every single indication in dentistry, and it comes at an affordable cost."

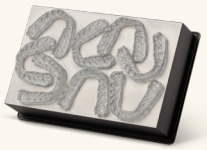
Dr. Ahmad Al-Hassiny DMD,
Institute of Digital Dentistry, IDD

Faster ROI and substantially lower operating costs thanks to cost-effective materials and long-lasting consumables.

If you handle 20 aligner treatment cases per month (20 models per case), you'll save $3000 per year.

Form 4B

11 clear aligner models
at 160 µm



8 occlusal splints
at 100 µm

10 restorative models
at 50 µm

Build volume
20.0 x 12.5 x 21.0 cm
7.9 x 4.9 x 8.3 in

Fast Model Resin - $79/L

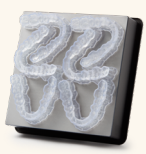
- Prints 3x faster
- Stronger and stiffer — 45% higher strength and modulus
- More opaque and matte in color

Precision Model Resin - $129/L

- Better fine feature resolution and consistency
- More opaque and matte aesthetics to better visualize margin lines
- Prints 3x faster

Form 3B/+

9 clear aligner models
at 100 µm



7 occlusal splints
at 100 µm

8 restorative models
at 50 µm

Build volume
14.5 x 14.5 x 19.3 cm
5.7 x 5.7 x 7.6 in

Draft Resin V2 - $149/L

Model Resin V3 - $149/L

Improvement

Improved tank lifetime and management to minimize upkeep costs and waste.

Unrivaled accuracy that matches your commitment to a perfect fit, every time.

"Consistent print quality with great surface accuracy makes this printer an excellent choice for dentistry. The surface comparison yielded some of the best results I have ever measured on a 3D printer."

Stephan Kreimer, MDT,
Kreimer Dentallabor

Cartridge redesign for hassle-free, efficient, and fast automatic resin dispensing.

Access images and timelapses online to remotely monitor your prints.

Form 4B

Form 4B Tank $99

75,000+ layers with any Formlabs material.

Approximately 340 prints using clear aligner models (22 mm tall), any resin, and 100 µm layer height.

Restorative models with Precision Model Resin

- 99.7% of surfaces within 100 µm of CAD model
- 95% of surfaces within 50 µm of CAD model
- 69% of surfaces within 25 µm of CAD model

Form 3B/+

Form 3B/+ Tank $149

250-800 hours of printing and/or 10-35 weeks exposed to resin, depending on the material.

Approximately 70 prints using Grey Resin V4 and average print time (11 hours).

Restorative models with Model Resin V2

- 94% of surfaces within 100 µm of CAD model
- 73% of surfaces within 50 µm of CAD model

5-10x faster tank filling | 63% less waste | 30% less shelf space

Improved Post-Processing

Form Wash (2nd Generation)

- 3x more agitation
- Adjustable mounts for Build Platforms, configurable at various heights and widths

Form Cure (2nd Generation)

- 2x-8.6x faster post-curing
- Pre-programmed and validated cure settings for Formlabs resins and the possibility to save custom profiles for curing third-party materials
- Nearly instant heat up time and maximum temperature of 100 °C
- Larger size, designed to fit any part printed on Form 4 (235 mm turntable diameter, 205 mm maximum part height)

Additional Specs	Form 4B	Form 3B/+
Technology	LOW FORCE DISPLAY™ (LFD)	LOW FORCE STEREOLITHOGRAPHY™ (LFS)
Key Components of the Print Engine	• Low Force Display™ (LFD) • Backlight Unit • Light Processing Unit 4 (LPU 4) • Release Texture • Flexible Film Resin Tank • Intelligent Control Systems • High-Speed Automatic Resin Handling	• Low Force Stereolithography™ (LFS) • Laser • Light Processing Unit (LPU) • Flexible Film Resin Tank • Intelligent Control Systems • Automatic Resin Handling
Typical Dimensional Tolerances	1-30 mm features: ±0.15% (lower limit: ±0.02 mm) 31-80 mm features: ±0.2% (lower limit: ±0.06 mm) 81-150 mm features: ±0.3% (lower limit: ±0.15 mm)	Not measured
Average Print Speed 100 µm layer height	Average: 40 mm/hour across all materials Range: 15-100 mm/hour depending on the material	Average: 11 mm/hour across all materials Range: 4-17 mm/hour depending on the material
Maximum Print Speed	100 mm/hour | 3.9 in/hour	31 mm/hour | 1.2 in/hour
Printer Weight	18.3 kg | 40.4 lb	17.5 kg | 38.5 lbs
Printer Dimensions	40.7 × 47.8 × 84.4 cm 16.0 × 18.8 × 33.2 in	40.5 × 53 × 78 cm 15.9 × 20.9 × 30.7 in