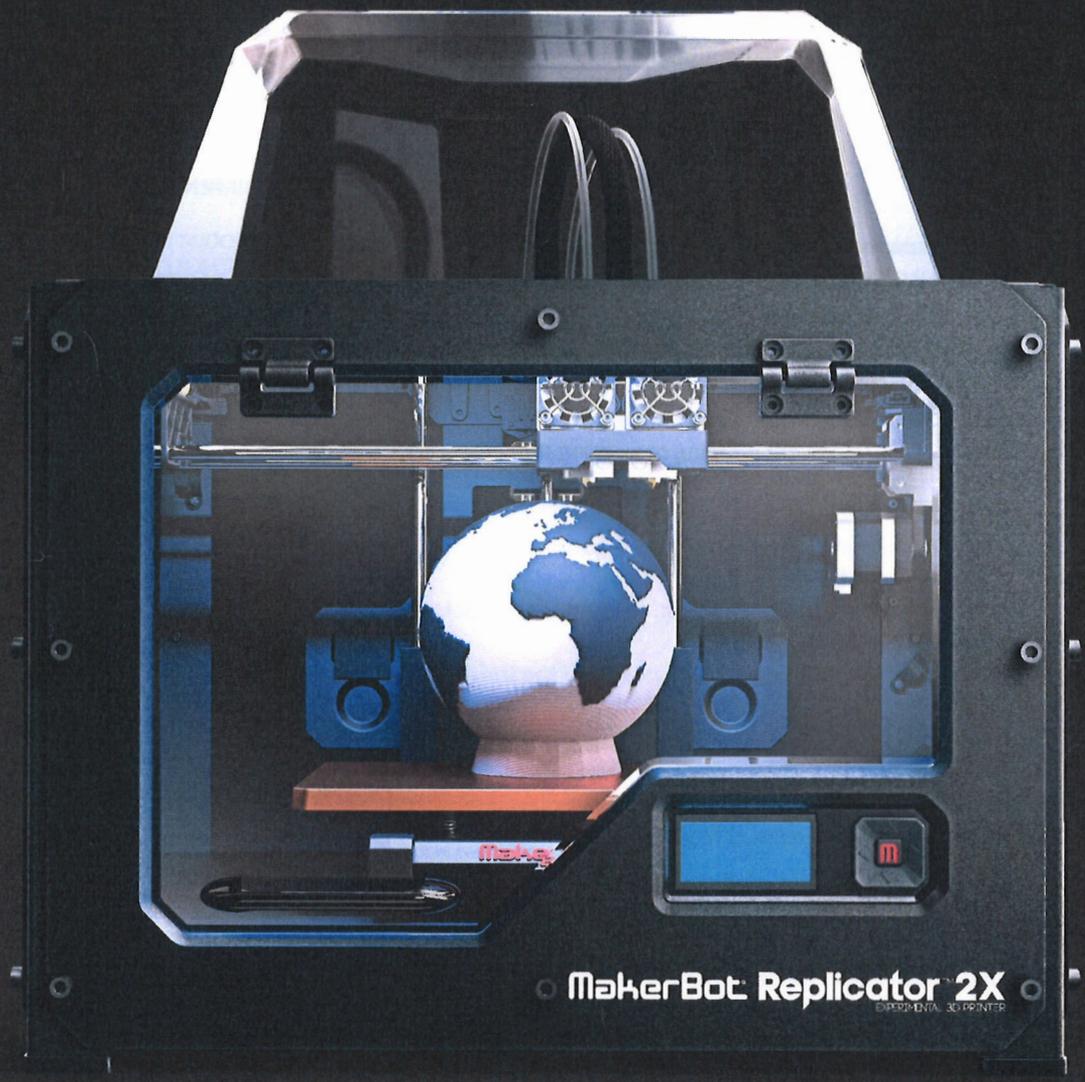


# MAKERBOT® REPLICATOR 2X®

EXPERIMENTAL 3D PRINTER

Explore the frontiers of 3D printing.  
Designed for daredevils and 3D printing experts.



MakerBot Replicator 2X  
EXPERIMENTAL 3D PRINTER

# MAKERBOT® REPLICATOR® 2X

EXPERIMENTAL 3D PRINTER

## EXPERIMENT WITH DUAL EXTRUSION

- Be ready for cutting-edge developments in filament technology and multi-material 3D printing.
- Add a new level of creativity to your 3D designs with interlaced colors.
- Print in two colors through precisely aligned dual nozzles, without swapping filament or pausing your print.
- Experiment with overhangs and internal structures using MakerBot® Dissolvable Filament as solid infill material.
- Completely reengineered, constant-force filament feeding system
- New thermal core design stabilizes the internal extruder temperature for more reliable prints.

## OPTIMIZED FOR PRINTING WITH MAKERBOT® ABS FILAMENT

- MakerBot ABS filament is a ductile petroleum-based thermoplastic filament with elastic deformation properties that make it good for snaps, living hinges, and threadability.
- Superflat heated aluminum build plate is optimized for ABS:
  - Machined for crucial flatness to prevent warping or sagging that can affect build quality.
  - Anodized for longevity and durability.
  - Heated accurately and evenly with better temperature control.
- Six-sided enclosure stabilizes ABS cooling:
  - Draft-blocking enclosure prevents uneven cooling, shrinking, and cracking.
  - Magnetic lid snaps on and off for easy access.
  - Clear-view top and sides let you monitor your progress and see the action.

## WORLD-CLASS 100-MICRON LAYER RESOLUTION

- Create professional-quality, high-resolution prototypes and complex models.
- Get smooth-to-the-touch surfaces that don't need sanding, finishing, or post-production.
- Create realistic prototypes and models for demonstrations and presentations.
- Choose settings that range from fast draft to finer resolution.

## SPECIFICATIONS

### PRINTING

PRINT TECHNOLOGY  
Fused Deposition Modeling

BUILD VOLUME  
25 L x 16 W x 15 H cm  
[9.8 L x 6.3 W x 5.9 H in.]

LAYER RESOLUTION  
100 microns [0.0039 in.]

FILAMENT DIAMETER  
1.75 mm [0.069 in.]

FILAMENT COMPATIBILITY  
MakerBot® PLA Filament  
MakerBot® ABS Filament

BUILD PLATFORM  
Glass

### DIMENSIONS & WEIGHTS

PRODUCT DIMENSIONS  
WITHOUT SPOOL  
49 L x 32 W x 53.1 H cm  
[19.1 L x 12.8 W x 20.9 H in.]

WITH SPOOL  
49 L x 42 W x 53.1 H cm  
[19.1 L x 16.5 W x 20.9 H in.]

PRODUCT WEIGHT  
~27.8 lbs / ~12.6 kg

### ELECTRICAL

POWER REQUIREMENTS  
100-240V, 50-60Hz, ~4A max, 150W

### SOFTWARE

FILE TYPES  
STL, OBJ, THING

OPERATING SYSTEMS  
Windows (7+)  
Mac OS X (10.7+)  
Linux (Ubuntu 12.04+)

CONNECTIVITY  
USB and SD Card  
(Both Included)