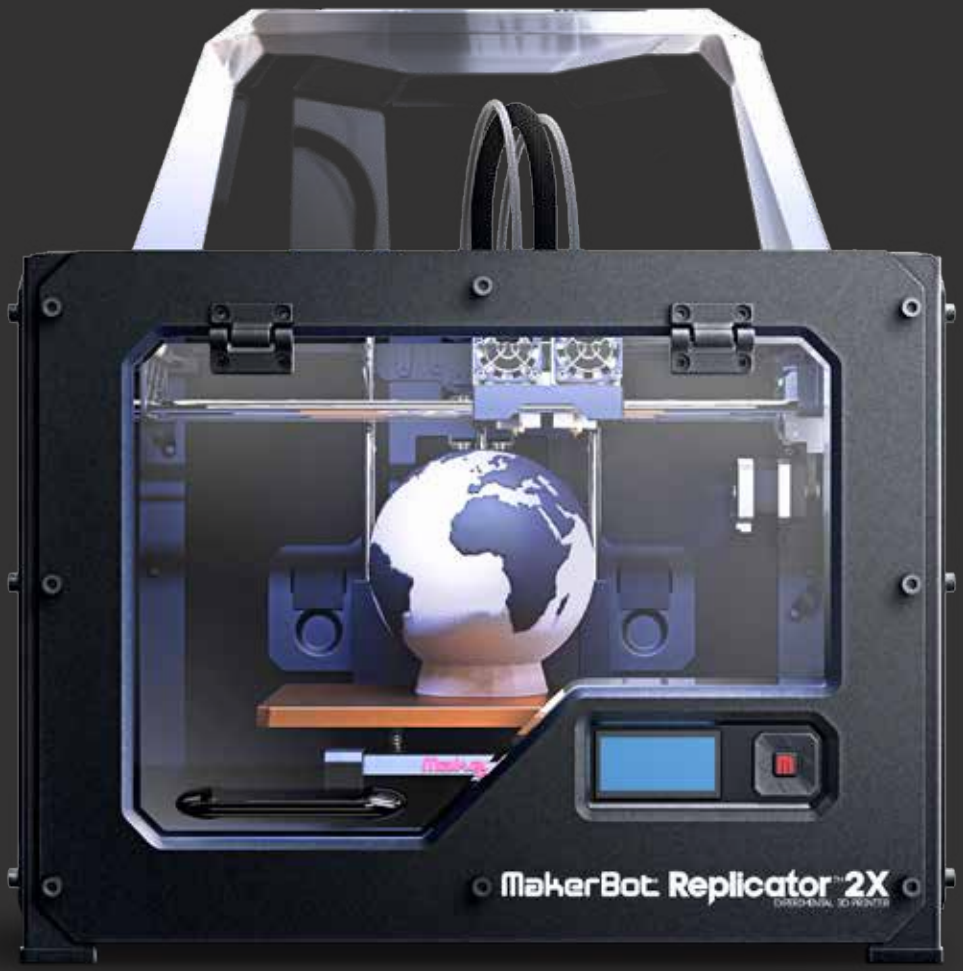
MAKERBOT® REPLICATOR® 2X

EXPERIMENTAL 3D PRINTER

Explore the frontiers of 3D printing with a full-featured desktop 3D printer and experimental dual-extrusion.



MAKERBOT.COM/REPLICATOR2X

MAKERBOT: SETTING THE STANDARD IN DESKTOP 3D PRINTING

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 helps reduce 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
  - Friction-hinge door stays where you put it for easy and fast print retrieval

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
24.6 W x 15.2 D x 15.5 H cm
[9.7 W x 6.0 D x 6.1 H in]

5796 cubic centimeters
[355 cubic inches]

LAYER RESOLUTION
100 microns [0.0039 in]

FILAMENT DIAMETER
1.75 mm [0.069 in]

FILAMENT COMPATIBILITY
MakerBot ABS Filament
MakerBot Dissolvable Filament

BUILD PLATE
Heated, Black Anodized Aluminum

SIZE & WEIGHT

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

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

PRODUCT WEIGHT
12.6 kg [27.8 lbs]

ELECTRICAL

POWER REQUIREMENTS
100-240V AC; 50-60 HZ

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)