MAKERBOT®
DIGITIZER™

DESKTOP 3D SCANNER

Unlock your creativity. Now you can create, scan,
and share your very own 3D models.

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HAVE FUN SCANNING AND SHARING THE THINGS THAT YOU CREATE AND LOVE

- Play in 3D and scan all kinds of stuff
- Digitally capture and preserve your 3D mementos, creations, and precious objects
- Explore the frontiers of 3D scanning and share adventures with enthusiasts of all ages
- Participate in educational and entertaining 3D scanning projects and challenges
- With our easy-to-use software, you can create clean 3D models in just two clicks
- No design or 3D modeling experience required to get started

OPTIMIZED FOR MAKERBOT REPLICATOR DESKTOP 3D PRINTERS AND MAKERBOT THINGIVERSE®

- Get a ready-to-print 3D model every time.
- Turn your scanned creations into 3D printed things to share as personalized gifts
- Make copies of your models quickly and easily
- The MakerBot Digitizer works seamlessly with your MakerBot Replicator
- Modify, remix and improve your scans with 3D modeling programs
- Easily upload your scans to Thingiverse, the 3D design community for discovering, printing, and sharing 3D models
- Share photos of your creations on social media

SPECIFICATIONS

SCANNING

SCAN VOLUME
Up to 20.3 cm (DIAMETER) x 20.3 cm (HEIGHT) [8 x 8 in]

DIMENSIONAL ACCURACY
+- 2.0 mm [+- 0.079 in]

DETAIL RESOLUTION
0.5 mm [0.0197 in]

TRIANGLES PER 3D MODEL
Approx. 200K

SCAN SPEED
Approx. 12 Minutes

SCAN PER ROTATION
800 per rotation

MAXIMUM WEIGHT ON TURNTABLE
3 kg [6.6 lbs]

OPTIMAL LIGHT CONDITIONS
Artificial indoor light

SIZE & WEIGHT

PRODUCT DIMENSIONS
47.5 L x 41.1 W x 20.3 H cm
[18.7 L x 16.2 W x 8.0 H in]

PRODUCT WEIGHT
~4.7lbs / ~2.1 kg

ELECTRICAL

POWER REQUIREMENTS
100–240 V, ~2 A, 50–60 HZ

SOFTWARE

FILE TYPES
STL | THING

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

INCLUDED SOFTWARE
MakerWare for Digitizer

COMPONENTS

LASERS
Two eye-safe class 1 laser line generators

CONNECTIVITY
USB Connection