# MAKERBOT® DIGITIZER™

DESKTOP 3D SCANNER

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





**DESKTOP 3D SCANNER** 

#### 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
- $\cdot$  No design or 3D modeling experience required to get started

# OPTIMIZED FOR MAKERBOT REPLICATOR DESKTOP 3D PRINTERS AND MAKERBOT THINGIVERSE $^\circ$

- 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]

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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