



SOL
3D scanner



THE MARKET'S MOST USER-FRIENDLY 3D SCANNER

SOL 3D scanner provides an easy-to-use solution for creating digital copies of real-world objects. The scanner can help a variety of users achieve their goals regardless if their 3D workflow is scan-to-print, scan-to-model, or scan-to-share.

SOL 3D scanner is small and lightweight, and uses a combination of laser triangulation and white light technology. The turntable helps automating the 3D scanning process. The dedicated SOL software notifies the user of next steps with sound or text messages. 3D scans are viewed directly in the SOL software and can be exported and further edited in third-party 3D software.

The scanner is developed and marketed by Scan Dimension, a division of the scanning heavyweight Global Scanning. Global Scanning is a Denmark-based technology company with 30 years of experience in the image-capturing sector. This collective experience is behind the engineering of SOL, which was designed to be – above all – portable, affordable, easy to use and precise.

WWW.SCANDIMENSION.COM
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SCAN DIMENSION

SYSTEM REQUIREMENTS	
Supported operating systems	Windows 10 64-bit (x64) Mac OS X 10.14 (Mojave) or 10.15 (Catalina)
Graphics card	Minimum 2 GB memory, must support OpenGL 3.3 or higher (Support for OpenCL 1.2 or higher is recommended)
Recommended hardware	2.8 GHz processor, 4 cores (8 logical processors), 16 GB RAM, 100 GB free disk space (system drive)
Minimum hardware	2 GHz processor, 2 cores (4 logical processors), 8 GB RAM, 25 GB free disk space (system drive)
Power input	Maximum 800 mA (USB 3.0)
Internet	Required

SOL 3D SCANNER	
Maximum size of object	3.9×3.9 inches/100×100 mm in near position 6.7×6.7 inches/170×170 mm in far position
Minimum size of object	1×1 inch/25×25 mm
Maximum weight of object	4.4 lbs/2 kg
Working range	210–360 mm
Maximum accuracy	0.1 mm (0.004 inches)
Camera resolution	5 MP optical compensated
Calibration	Automatic
360° scan from start-to-finish*	Normal mode: 20 min./Turbo mode: 10 min.
Export file types	OBJ, STL, PLY, DAE, XYZ
Data transfer	USB 3.0
Texture/colors	Yes
Appending/adding scans	Yes
Software updates	Yes (requires registration of scanner)

* Depending on the object



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- Crafters
- Designers

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or reproduce your designs

HOBBYISTS

- Collectors
- Artists
- Creators

Share and manage your
collections

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- STEM/STEAM
- Science labs

Get hands-on experience in
the world of 3D

ENTREPRENEURS

- Designers
- Businesses
- Start-ups

Show your inventions to the
world

INCLUDED:

- SOL 3D scanner
- Turntable
- Scanner stand
- USB cables
- Blackout tent with enclosure
- Scan test target
- SOL 3D scanner software
(available for download)
- Free technical support
- Manufacturer warranty

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