SOL®
3D scanner

THE BEST PRICE-PERFORMANCE RATIO ON THE MARKET

Easily create digital copies of real-world objects with SOL 3D scanner.

SOL 3D scanner provides significant value for 3D technology enthusiasts and hobbyists. The included easy-to-use software provide integrated calibration and automated scanning and post-processing, such as global point cloud alignment and mesh reconstruction and texturing.

SOL includes the hardware, software, tent, cover, cables and a sample object (rubber duck).

The scanner is developed and marketed by Scan Dimension, a division of the scanning heavyweight Global Scanning. Global Scanning is a Danmark-based technology company with 30+ years of experience in the image-capturing sector.

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scan DIMENSION®

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SYSTEM REQUIREMENTS	
Supported operating systems	Windows 11 and 10 64-bit (x64)
Graphics card	Minimum 2 GB memory, must support OpenGL 3.3 or higher (Support for OpenCL 1.2 or higher is recommended)
Recommended hardware[1]	2.8 GHz processor, 4 cores (8 logical processors), 16 GB RAM, 100 GB free disk space (system drive)
Power input	USB 3.0 (maximum 800 mA)
Internet	Required at setup and download of software and updates

SOL 3D SCANNER	
Maximum size of object	6.7×6.7 inches/170x170 mm
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
Calibration	Automatic
360° scan from start-to-finish[2]	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)
Included	SOL 3D scanner, turntable, scanner stand, USB cables, blackout tent, scan test target (rubber duck), software available for download: SOL Creator and SOL Viewer

1 Microsoft SQ ARM CPU's are not supported

2 Depending on object complexity

MAKERS & HOBBY

Recreate an object in a new size or material, scan an existing object and "tweak" it into a new creation, or use the scan as a reference item for a new 3D model.

EDUCATION

Primary schools, high schools and art schools can let the 3D scanner be a starting point for learning and experimenting with 3D modeling and 3D printing.

DESIGN

Show your products and inventions to the world for co-partners, prototyping, processing, pre-manufacturing and funding.

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