



SOL[®] PRO

3D scanner



Original 90×65 mm



Texture rendering



X-ray rendering



Wireframe rendering

Accuracy
Up to 0.05 mm

Object size
Max. 170×170 mm
Min. 20×20 mm



Inspect volume, surface area, shape, size and texture

With a metrology-grade accuracy of up to 0.05 mm (50 microns), SOL PRO is one of the most accurate 3D desktop scanners on the market.

It integrates seamlessly into your 3D workflow where the scanner's precision and quality makes it a perfect partner for your quality assurance, product inspection, prototyping or 3D printing tasks.

SOL PRO is small and lightweight, and the included software with highly automated calibration and meshing processes delivers 3D models with no need for manual alignment or removing of unwanted artifacts.



SCAN DIMENSION[®]



SOL[®] PRO 3D scanner



SYSTEM REQUIREMENTS

Supported operating systems	Windows 11 and 10 64-bit (x64), MacOS Mojave, or newer
Graphics card	Minimum 2 GB memory, must support OpenGL 3.3 or higher (Support for OpenCL 1.2 or higher is recommended)
Recommended hardware	2.4 GHz processor, 8 cores (16 logical processors), 32 GB RAM, 100 GB free disk space (system drive) (Microsoft SG and Apple M1 ARM CPU's are not supported)
Power input	USB 3.0 (maximum 800 mA)
Internet	Required at setup and download of software and updates

SOL PRO 3D SCANNER

Maximum size of object (diameter x height)	170x170 mm (6.7x6.7 in)
Minimum size of object (diameter x height)	20x20 mm (0.8x0.8 in)
Maximum weight on turntable	2 kg (4.4 lbs)
Maximum accuracy	0.05 mm (0.002 in)
Point distance	> 0.26 mm
Camera resolution	8 MP optical compensated
Calibration	Automatic
Process time pr complete 360° scanning pass (calibrate, scan, mesh)	Scanning at normal speed: 15 min. Scanning at turbo speed: 8 min. (Depending on computer hardware and object complexity)
Export file types	OBJ, STL, PLY, DAE, XYZ
Data transfer	USB 3.0
Texture/colors	Yes, HDR quality
Options	Exclude texture, Dark or partially dark surface, Unsteady object
Automatic calculations	Volume, Surface area, Vertices, Faces, File size
Appending/adding scans	Yes, automatic global alignment of added scans
Software updates	Yes (requires registration of scanner)
Tent dimension (LxWxH)	62x35x32 cm (24.4x13.8x12.6 in)
Box dimension (LxWxH)	41x15x30 cm (16.1x5.9x11.8 in)
Included	SOL PRO 3D scanner, turntable, scanner stand, USB 3.0 cable, blackout tent, cylindrical target for high accuracy profiling, software available for download: SOL PRO Creator and SOL PRO Viewer, easy upload to Sketchfab, manufacturer warranty

SOL PRO 3D scanner is developed and marketed by Scan Dimension, a subsidiary of Global Scanning Denmark A/S. The Denmark-based technology company has 30 years of experience in the image-capturing sector and this collective experience is behind the engineering of SOL PRO.

TYPICAL SOL PRO 3D SCANNER USAGE



Product inspection

Supervise your production or supplier quality by comparing 3D scans to your original CAD drawings.



Science & research

As an educator in science and research classes, you can help your students to a head start within 3D scanning.



Reverse engineering

Recreate old replacement parts, discontinued parts or unobtainable original drawings.



Industrial design

Quickly generate digital models of your designs – be it foam modelling, a mold for injection molding or die casting.

WWW.SCANDIMENSION.COM

WWW.SCANDIMENSION.EU

contact@scandimension.com

Scan Dimension HQ – Global Scanning Denmark A/S, Copenhagen, Denmark, Phone: +45 4814 1122

Scan Dimension US – Global Scanning Americas (MD) Inc., Chantilly, VA, 20151, USA, Phone: +1 (703) 964 9850

Scan Dimension Japan & Asia – Global Scanning Japan A/S, Yokohama-Shi, Japan, Phone: +81 45 548 6991



SCAN DIMENSION[®]