SOL PRO 3D scanner

Let's get started!

WHAT'S IN THE BOX

A Scanner
B Turntable
C Scanner stand
D USB 3.0 cable
E Black-out tent
F Cylindrical target for high-precision enabling

SYSTEM REQUIREMENTS

scandimension.com/pro-install
SOL PRO 3D scanner requires Internet access to work.

1 HARDWARE ASSEMBLY
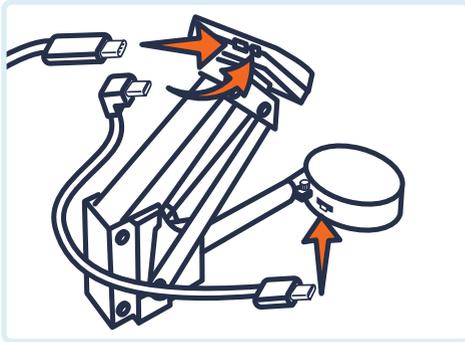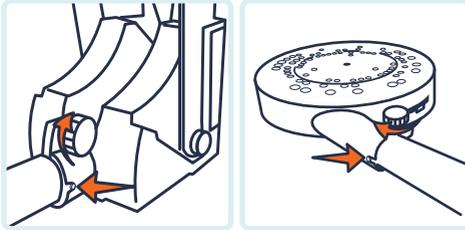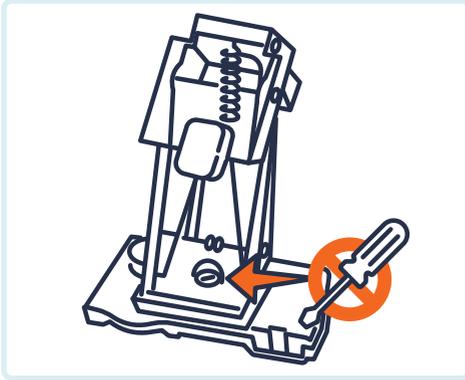
2 SOFTWARE INSTALLATION

Download the SOL PRO software from:
scandimension.com/pro-install

Run the installer and follow the instructions on the screen.

3 LET'S GET STARTED

scandimension.com/pages/start

1. Make sure that the scanner is properly assembled, placed inside the tent, connected to power and USB 3.0 port and has access to the Internet
2. Open SOL PRO Creator and follow the instructions on the screen
3. Register your scanner and receive future updates for free

4 TEST SCAN

We recommend the provided cylindrical target for your first test scan.

After one scanning pass, it should look like below. If not, something in the process has gone wrong.

Check if you have followed the back page guidelines from the "Checklist for a successful scanning", and try again.

If you still experience problems, please contact us:
scandimension.com/support
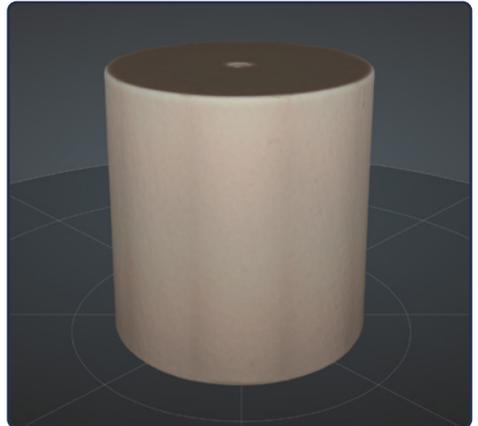
5 HIGH-PRECISION ENABLING (OPTIONAL)

To obtain the highest accuracy of 0.05 mm, perform a high-precision enabling procedure.

Have your cylindrical target at hand and open SOL PRO Creator. Select High accuracy scanning mode and follow the instructions in the software.

If you experience problems, please contact us: **scandimension.com/support**
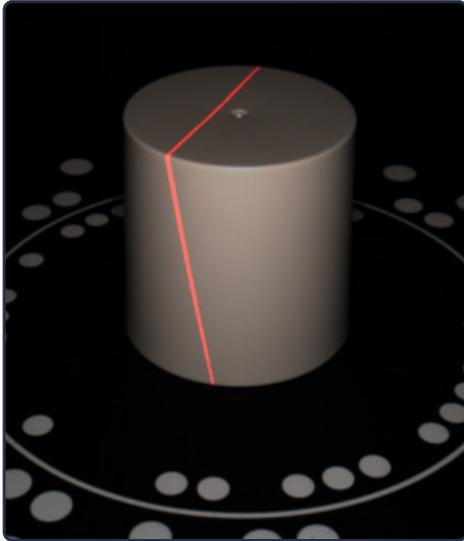
OBJECT SIZES

Max scannable weight on the turntable is 2 kg (4.4 lbs or 70.5 ounces).

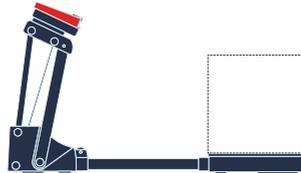Be sure to use the correct scanner position, depending on the size of your object.

Scanner position near:
Objects 20-100 mm in diameter and 20-100 mm tall (0.8-4 inches in diameter, 0.8-4 inches tall).

Scanner position far*:
Objects 70-170 mm in diameter and 80-170 mm tall (2.75-6.7 inches in diameter, 3.2-6.7 inches tall).

*Scanning in far position may lower the accuracy.

SOL PRO CREATOR

In short, this is what happens:

CALIBRATE · SCAN · MESH DONE

Calibration makes sure your scanner and turntable are working properly together.

Scanning in up to five passes with your object scanned in different orientations optimizes the texture.

Meshing is where the different information from the scanning passes is combined into a 3D file.

SOL PRO VIEWER

After meshing, your new 3D file opens in SOL PRO Viewer. Here you have access to more advanced viewing options.

SOL PRO Viewer lets you save and share your 3D scans.

WILL IT SCAN?

Optimal:

- Asymmetrical objects, with abundant scan alignment features
- Matte surfaces
- Opaque surfaces
- Light colored surfaces
- Dark surfaces (with dark mode enabled)

Problematic:

- Symmetrical objects
- Shiny or reflective surfaces*
- Translucent or transparent surfaces*
- Too small or too large objects**

* Spray shiny or transparent objects with developer spray before scanning. You may also just try with a fine layer of talcum or baby powder.

** See 'Object sizes'

Visit Scan Dimension's Knowledge Base for more answers and problem-solving:
kb.scandimension.com

CHECKLIST
FOR A SUCCESSFUL SCANNING

1 Always power your computer, connect it to the Internet and use a USB 3.0 port (if USB hub is used, this must be powered)

2 Place the scanner inside the tent and cover with the cloth

3 Place the scanner on a steady surface (preferably not the same as the computer is placed on) and ensure that it is not moved or shaken while scanning. Note that even small movements may disturb the scanning accuracy, especially in high-accuracy mode.

ENJOY YOUR SOL PRO 3D SCANNER

WWW.SCANDIMENSION.COM
WWW.SCANDIMENSION.EU

SCAN DIMENSION