

How to Get a Successful Scan

What Can Be Scanned?

Great to Scan Under Auto Scan Mode



- Objects larger than 30*30*30 mm (1.2*1.2*1.2 in)
- Objects smaller than 250*250*250 mm (38*38*38 in)
- Object weighing less than 5 kg (11 lbs)



Difficult to Scan

- Transparent objects like glass
- Shining or reflective objects like varnished metal parts
- Dark color object like black keyboard
- Fuzzy objects like hair
- Solution: Painting white powder on objects will improve the scan quality.



Do NOT Suggest to Scan

- Moving objects
- Hollow pattern object like Eiffel Tower souvenirs
- Objects smaller than 30*30*30 mm (1.2*1.2*1.2 in)



Note: If the size and weight of the object are out as mentioned above, please scan on tripod without turntable by Fixed Scan Mode.

Our Scan Process

Build Project

Click "New Project" button to start a new scan.

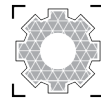
STEP 01



Texture Scan Option

STEP 02

Choose texture scan if color texture is needed for scanning. Or, choose non-texture scan (Texture scan is taking little longer time, and white balance test should be done before texture scanning).



Place Object

Make sure the object is stable during the scanning.

STEP 03



Bright



Dark or difficult to scan

STEP 04

Adjust Brightness

Choose the brightness setting according to your object surface condition. Too much red appears on the object shown in the window means over bright. Note: Please check the exposure instruction in user manual.



Bright & Dark



Medium

Scan

Click Scan button to start scanning.

STEP 05

Our Scan Process

Edit Scan

SHIFT+Left mouse: Select redundant data, the selected section will show as red. The tool bar on the top will allow you to do further edit.

STEP 06

Edit buttons:

- 1 Deselect 
- 2 Revert 
- 3 Delete 
- 4 Undo 
- 5 Show/Hide Stripes 

Click to save data and exit the single-piece edition.

Complete the Scan in More Directions

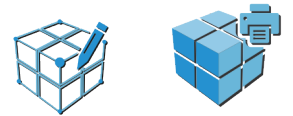
STEP 07

Sometimes, if one rotate can't give you a full scan, you can place the object in other directions to capture the missing faces. After edit, save the current scanned data, the current data will be aligned to the last scanned data automatically.

Manual Alignment

If automatic alignment fail during scanning, you can use manual alignment. (Misalignment doesn't frequently happen. Please refer the detail of manual alignment in user manual)

STEP 08



Mesh

When the scan is completed, go mesh directly. Watertight or Unwatertight model can be selected due to your request.

STEP 09

Watertight is closed model which can be printed directly. Unwatertight model is a non-closed model keeping the missing scanned area as it is, which is usually chosen for further design purpose in other program.

Save

Asc, stl, obj and ply are available.

STEP 10

Press the touch switch for 1 second twice to turn the scanner off.