

ScanMaster Kit Assembly

Dear Scan Master Operator,

We're excited you've chosen the new "print your own" ScanMaster 3D Scanner Kit. The ScanMaster 3D Scanner will allow you to capture the world around you.

You can share your 3D scans in several ways:

- Share them on Sketchfab.com in full colour, so others can see your awesome scans.
- Send to Sculpteo or Shapeways and order full colour 3D Prints.
- Export the model and print it out on your local 3D Printer.

We can't wait to see what you capture, share your scans with **#scanmaster**

Happy scanning,

3D Printing Systems



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1 Parts List

- ScanMaster Printer Files for UP Plus 1/2 in UP3 format
- 7" Touch Screen with USB cable
- Asus Xition Pro Sensor with USB cable
- 4 x screws to attach printed case to back of screen
- 2 x Bolts & 2 x Nuts to attach handle to printed case

2 Printing

Download the ScanMaster model files:

http://3dprintingsystems.com/download/ScanMaster-3D_Printer_files.zip

- Ensure that you pre-heat the platform for at least 20 mins. The platform should be very hot before starting.
- Print the files as they appear in the UP software (don't rotate them)
- Recommend to print in the UP Premium Black ABS for easy support removal.

3 Assembly

Once you have printed the parts and removed the support material.



<p>Glue the left and right case together</p>	<p>Acetone or a standard glue should do. It's best to apply the glue on the inside of the cover.</p>
<p>Remove the stand from the Asus sensor by popping off the two covers, then unscrewing the star/Philips head screw.</p>	

<p>Then remove the nut, screws and base. We won't be needing these.</p>	
<p>Push fit the nuts into the case. You might need to scrape away a small amount of plastic for them to fit in place.</p>	
<p>Fit in the Asus sensor, with the cable coming out below. Ensure the cable is wrapped around and underneath the nut.</p>	
<p>Connect the Monitor USB cable Micro side to the screen.</p> <p>DO NOT CONNECT THE ASUS SENSOR TO THE USB PORT ON THE MONITOR AS YOU WILL GET VERY POOR FRAME RATES.</p>	
<p>Place screen on top with the case "screen screw fitting at the bottom" then ensure that the screens USB cable does not get pinched or caught between the case mount. i.e. the screen should fit flush onto of the case.</p>	
<p>Insert each screw, ensuring you locate the hole for each. This can be a bit fiddly getting them to locate the holes.</p>	

Feed the screen USB cable through the handle.
Then feed the Asus sensor USB cable through the handle.



Bolt in the handle.



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