

INITIAL SITE SURVEY CHECKLIST

Consider the following factors before you decide on your FabPro 1000 facility. Write the names below of three rooms in your facility where you might stage the printer. Then use the checkboxes in the corresponding numbered columns to evaluate each room. The room with the most checks is the ideal room for your printer.

Room 1

Room 2

Room 3

Room			
1	2	3	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Is there enough space for all equipment in that area, or will you separate the SLA system from the post-processing equipment? The printer is 43 x 43 x 61.2 cm (16.9 x 16.9 x 24.1 in). The LC 3D-Print Box is 41 x 44 x 38 cm (16.1 x 17.3 x 15 in). Optional ultrasonic cleaner dimensions will vary.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Is the printer staging area a level, solid, nonporous surface suitable for cleaning with isopropyl alcohol?
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The printer weighs 37.5kg (82.7 lbs). The LC-3DPrint Box weighs 22kg (48.5 lbs). Is the printer staging area rated to hold each of these machines together? Or do you have separate staging areas that can accommodate each of these machines individually?
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Can the location be isolated as a UV/resin safety precaution? Can closing and locking the door during installation or servicing prevent access to the location by unauthorized personnel?
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Does the air conditioning keep the room at room temperature and no more than 28°C (82.4°F)? Is the temperature change less than 1°C (1.8°F) per hour? Can humidity be maintained at an appropriate, non-condensing level for the print material (30-70% RH)?
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Is adequate electrical power available to the site? Are there at least two power outlets rated for 100/220 VAC, 50/60Hz, 2A?
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Is there minimal UV-intensive lighting and minimal natural sunlight?
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Are there two network connections, one for the printer (wired only) and the other for the computer running 3D Sprint? Are both networks connected to the internet?
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Is the room clean? Is construction of floors, ceilings, and walls complete?
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Do you have another person to help team-lift the printer?
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Are the hallways and doorways adequate to allow passage of the printer with two people carrying it? If you are using a pallet jack, is there adequate space for it to fit through hallways and doors?
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Is there a green part-rinsing and finishing area or does sufficient area exist to create one?
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Is there a sink and eyewash station or place where these could easily be installed?
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Is there a compressed air connection, shop air, or other setup for drying printed parts? Any of these methods is optional; but you must have a system in place for drying parts.