

# PRE-INSTALLATION PREPARATION CHECKLIST

The following list helps you to prepare for your FabPro 1000. Prior to the delivery of your SLA system, complete the checklist to ensure you have everything you need and have made all necessary preparations.

## MOVING EQUIPMENT AND SITE ACCESSIBILITY

- Is there another person who can help team-lift the printer or is there a pallet jack to help with transporting the printer?
- Have you coordinated the move with your shipping department?
- Is there adequate doorway and hallway clearance to move system components using available moving equipment and/or personnel?

## SLA SYSTEM AREA

- Is adequate space available for the printer?
- Is the printer staging area a level, solid, nonporous surface suitable for cleaning with IPA?
- Is the staging area properly rated to hold a printer weighing 37.5kg (82.7 lbs)?
- Do you have a power outlet rated for a printer that uses 100/220 VAC, 50/60Hz, 2A?
- In the room where the FabPro 1000 will be installed, does the air conditioning meet the following requirements?
  - Does it maintain a non-condensing 30-70% RH?
  - Does it 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?
  - Does the air change two to five times per hour?
- Is there minimal UV-intensive lighting and minimal natural light in the room?
- Is a cabinet available to store resin containers?
- Are there two network connections, one for the printer (wired only), and the other for computer running 3D Sprint?
- Is all construction to floors, ceilings, and walls complete and does it meet local building-code specifications? Are floors clean and easily cleanable with solvents?
- Is there a telephone line? (Optional for calling 3DS service)

## WASTE DISPOSAL AND SAFETY

- Has a local waste disposal company been arranged for periodic pickup of waste materials?
- Can the printer staging area be isolated in the event of an emergency?

## PART FINISHING AREA

- Is adequate space available for cleaning/curing equipment and supplies you have ordered?
- Is all construction to floors, ceilings, and walls complete and does it meet local building-code specifications? Are floors clean and easily cleanable with solvents?
- Have you decided what other equipment, accessories, and supplies that you want to have with the FabPro 1000?
- Have you set up a method for quick-drying build parts, such as: shop air, compressor, fans, etc.?
- Is a workbench installed for working with green SLA parts?
- Are the following power outlets available?
  - For LC 3D-Print Box: 110V/230V – 50/60Hz – 2.6A/1.3A
  - For ultrasonic cleaner (optional): specs will vary depending on cleaner
- Are there enough power outlets available in the room for other equipment and tools you plan to use?
- Have you ordered all recommended safety/cleaning equipment, including nitrile gloves and non-abrasive paper towels?
- Do you have stainless steel or glass beakers for part cleaning? Have you purchased an ultrasonic cleaner (optional)? Is the ultrasonic cleaner big enough to fit the beakers you have?
- Have you purchased the cleaning solvents you intend to use for part cleaning?

## JOB SUBMISSION

- Has 3D Sprint software been loaded on at least one workstation so that we can submit a print job to the SLA system?
- Does the computer set up for 3D Sprint meet the minimum technical specifications set out in the User Guide?