

# PRE-INSTALLATION PREPARATION CHECKLIST

The following list helps you to prepare for your NextDent 5100 Printer. Prior to printer installation, complete the checklist to ensure you have everything you need.

## MOVING EQUIPMENT AND SITE ACCESSIBILITY

- Is there an adequately rated pallet jack, hand truck, or another person available during installation to move the equipment to its destination?
- Have you coordinated the move with your shipping department?

## NEXTDENT SYSTEM AREA

- Is adequate space available for the equipment and supplies?
- If you did not order the pedestal, do you have a low, non-porous table or workbench? Is it rated to carry the weight of the printer (34.5 kg kg, 76 lbs.)?
- Is the following electrical outlet in place? 100-240VAC, 50-60Hz, 4.0A
- In the room where the NextDent 5100 Printer will be installed, does the air conditioning meet the following requirements?
  - Does it keep the space at room temperature and in the range of 18°C - 28°C (64.4°F - 82°F)? Does the air change at least six times per hour?
  - Is humidity maintained at an appropriate non-condensing level for the resin (30-70% RH)?
- Are there two internet connections, one for the printer (wired only), and the other for the computer running 3D Sprint?
- Is there minimal UV-intensive lighting and minimal natural light in the room?
- Is a cabinet available to store resin containers? Is it fireproof (optional)?
- 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?
- Do you have a waste can for hazardous materials? Is it fireproof (optional)?

## 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 NextDent 5100 Printer?
- Have you set up a method for quick-drying printed parts, such as: shop air, compressor, fans, etc.?
- Is a workbench installed for working with green printed 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, nonabrasive paper towels, and safety glasses?
- 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 90+% IPA/EtOH for part cleaning?

## JOB SUBMISSION

(Workstations and Network Access)

- Has 3D Systems' 3D Sprint software been loaded on at least one workstation so that you can submit a print job to the NextDent system?
- Are both the printer and 3D Sprint computer connected to the internet, in order to send information back to 3D Systems?
- Does the computer set up for 3D Sprint meet the minimum technical specifications set out in the User Guide?