

Primeprint Clinician Pre-Install Site Survey

Section 1: Gas

1. Order Nitrogen Tank(s)

Nitrogen Tank size: 40 cu ft (recommended)


Pressure: Regulated to 4-8bar (58-116 psi)

Flow rate: Preset at factory to approximately 6/l m at 4bar (58 psi)

Gas Quality: Nitrogen must be at least 99% pure

Consider having a reserve nitrogen tank.

2. Order Regulator

Example: Harris Regulator 25GX-145-CA580 

With this you also need

** This added fitting converts it to ¼ female NPT which mates to our included fitting* 

** Whichever regulator they select it needs to have a ¼ female NPT. We supply a ¼ Male NPT*

Section 2: Supplies

3. 99% isopropanol {IPA} (4 x 1 gallon)

Each resin requires 1.3 gallons to fill the two washing containers (2.5 liters/each)

Section 3: Structural & Electrical

4. Power required: PRIMEPRINT 115VAC @ 60Hz, unit rated at 2.0A current draw & PRIMEPRINT PPU 115VAC @ 60Hz, unit rated at 3.4 current draw. Combined: 2x 115VAC Outlets, combined draw 5.4A.

5. Table/ Counter: Units require a sturdy table or counter (min. 54 in. wide x 24 in. deep.) capable of supporting 250 lbs. Table or counter recommended to be bolted to wall. Table must be completely level. Determine location for nitrogen tank, ideally 1 meter from PPU. Secure the nitrogen tank according to gas suppliers' recommendations.

Section 4: IT & Networking

6. Both the Primeprint & Primeprint PPU each require an ethernet port & communicate over a network (Cat5 or higher). Each unit will need an IP address, which can be assigned or distributed through DHCP.

7. The CAM software requires a dedicated hard wire to the network PC meeting the following specs:

Minimum (inLab v. 4.0.1)

i7-6700K 4.0 Ghz, 16 GB (2x8) DDR4-2133, AMD R9 285 (2GB), 1 TB HD, Windows 10 Enterprise

Recommended (inLab v. 6.0.x)

i5-9600KF 3.7 Ghz, 32 GB, AMD Pulse Radeon RX 570 (8GB), 2 TB + 250 GB EVO, Windows 10 Enterprise