SPECIFICATIONS OF EQUIPMENT

2. MACHINE NAME – STEREOLITHOGRAPHIC 3D PRINTER MACHINE

DESCRIPTION –

'A stereolithographic 3D printer machine is a type of additive manufacturing technology commonly used in the jewelry industry. It uses a process called photo polymerization to create three-dimensional objects by selectively curing liquid resin layer by layer.'

TECHNICAL SPECIFICATIONS

Technology	Low Force Stereolithographic (LFS)
XY Resolution	25 microns
Laser Spot Size	85 micron
Laser Power	One250 mW laser
Build Volume	14.5 x 14.5 x 18.5 cm
Layer Thickness	25 - 300 microns
Materials Compatibility	Biocompatible Materials
Slicing and build preparation software	Preform Dental
Scan Model	3D scanned files into solid, printable models directly in Slicer
Printing Mode	Fast Arch Printing
Resin Fill System	Automated
Supports	Auto-Generated, Light-Touch Removal
Temperature Control	Air-heated print chamber
Printer Control	5.5" interactive touch screen, 1280 × 720 resolution
Additional Equipment	Form Wash & Form Cure (one of each with each printer)

IMAGES

SECTION - VII
SCHEDULE OF QUANTITIES

SECTION – VII - Schedule of Quantities

<table>
<tr><th>SR. NO.</th><th>MACHINE SERVICES</th><th>SPECIFICATIONS</th><th>Qty</th></tr>
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