

3D Printer User Manual

ProtoLab PRO-109

Printer Type: SLS

Target User: Prosumer

1. Safety Instructions

Always operate your 3D printer in a well-ventilated area. Avoid touching heated parts during or after printing. Keep the printer out of reach of children. Follow all setup procedures as described.

2. Setup & Assembly

This printer comes as: DIY kit. Assembly typically takes 15-60 minutes. Ensure all components are included in the box. Use a level surface and connect power only after full assembly.

3. Printing Guide

Use supported slicers like Cura. Load filament/resin type: Castable Resin. Recommended layer height: 0.12 - 0.32 mm. Print via: USB, SD Card.

4. Maintenance & Care

Clean the nozzle regularly, keep the bed level, and ensure firmware is up to date. For resin printers, clean the vat after each print.

5. Technical Specifications

Build Volume: 207x244x337 mm

Nozzle Diameter: 0.2 mm

Max Print Speed: 135 mm/s

Heated Bed: Yes (Max Temp: 60°C)

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Firmware: Marlin

Certifications: UL, RoHS, CE

Warranty: 1 years