

3D Printer Technical Specification Sheet

The ICARUS *Lite* 3D Printer, by ProteorPRINT, was created for High-Flow 3D Printing. High-Flow 3D Printing means larger objects can be printed in a fraction of the time. A filament option, using the Typhoon FDM extrusion system, is available using the new air-cooled version from Dyze Design.

- Check socket
- Definitive Socket

Model Name: ICARUS *Lite*

Manufacturer: ProteorPRINT (5988 Coplay Road, Whitehall, PA, 18067)

Seller: PROTEOR (6 Rue de la Redoute - 21850 Saint-Apollinaire, FRANCE)

General Information:

- Technology: Fused Deposition Modeling (FDM)
- Build Volume (mm): 305x305x 610
- Machine Dimensions (in): Length 26 in x Depth 30 in x Height 49 in
- Weight: Around 180 lbs
- System Movement: Precision Ballscrews
- Extruder Type: High-Flow filament system | Typhoon by Dyze Design
- Interchangeable Heater Core: 0.6mm – 2.5mm nozzle
- Head Temperature Range: Up to 450°C
- Plate: Magnetic G10/FR4 and Carbon Fiber
- Bed Temperature Range: Up to 120°C

Printing Specifications (for PP with 2.5 nozzle):

- Filament Diameter: 2.85 mm
- Hotend temperature: 290°C
- Bed temperature: 80°C
- Extrusion width: 4 mm
- Layer height: 1 mm
- Print flow: Up to 200 mm³/s

Software and Connectivity:

- Supported File Formats: G-code, without size limit
- Interface: 7-inch touchscreen
- Connectivity: USB, Wi-Fi, Ethernet
- Slicer: Simplify3D or Prusa Slicer

Power Requirements:

- Input Voltage: 110VAC or 220VAC



1 year Hardware Warranty from date of installation

Emergency contact:

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Learn More:

Proteorprint.com

