

INTAMSYS FUNMAT HT- 3D PRINTER

Give your design a real touch

New Generation Smart Single Extruder 3D Printer

Physical Characteristics:

Printing Technology: Fused Filament Fabrication (FFF)

Build Envelope (Volume):

260 x 260x 260mm (10.2" X 10.2" X 10.2")

Build Platform: PI Sheet Heating + Ceramic Glass

Leveling: Automatic Leveling
Layer Thickness: 0.05-0.3mm

Build Speed: 30-300mm/s

Filament Diameter: 1.75mm

Printing Material: PEEK, PEEK+CF, PEKK, ULTEM (PEI), PPSU, PC, PC Alloys, PA, PA+CF, ABS, Carbon Fiber-Filled, Metal-Filled, Fiberglass-Filled, ASA, PETG, ESD-Safe, HIPS, TPU, PLA, PVA, etc.

Printer Weight: 43kg

Shipping Weight: 90kg

Box dimensions: 635 x 737 x 889 mm

Outer dimensions: 538 x 498 x 650 mm



Connectivity: SD card, USB

Software: Intamsuite, Cura, Simplify3D

Extruder: Single

Nozzle Diameter: 0.4mm

Display: Touchscreen

Inbuilt Camera: Yes

Print Recovery: Yes

Filament Sensor: Yes

Operation requirement:

Extruder Temp.: Max. 450°C

Heat Bed Temp.: Max. 160°C

Chamber Temperature: Max. 90°C

Features:

- This machine is fully capable of 3D Printing high performance functional materials like PEEK, ULTEM & PPSU.
- Users can achieve 50-micron high resolution industrial quality 3D printing of the FUNMAT HT.
- Advanced thermal system design of this 3D printer includes a 90°C constant temperature chamber, 160°C heated build plate, and 450°C high-temperature extruder with all-metal hot end.

Specifications:

Power Requirement: 1200W 100-120 V, 20A/200-240V

Input File Type: STL, OBJ

Operating Systems: Windows, Linux, Mac

Position Resolution: XY: 12.5 μ m Z: 1.25 μ m

System requirement: i5 Processor, 2GB Graphics Card, OpenGL2.1

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