

INTAMSYS FUNMAT PRO 410- 3D PRINTER

Give your design a real touch

New Generation Smart Single Extruder 3D Printer

Physical Characteristics:

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Printing Technology: Fused Filament
Fabrication (FFF)

Build Envelope (Volume):

305 x 305x 406mm (12" X 12" X 16")

Build Platform: PI Sheet Heating+ Ceramic
Glass

Leveling: Automatic Leveling

Layer Thickness: 0.05-0.5mm

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: 200kg

Shipping Weight: 294kg



Outer dimensions: 720 x 670 x 1460 mm

Connectivity: Wifi, Ethernet, USB

Software: Intamsuite, Cura, Simplify3D

Extruder: Single

Nozzle Diameter: 0.4mm

Display: Touchscreen

Smart Monitor & Control: Filament Jam Warning, Filament Absence Warning, Power Failure Recovery

Inbuilt Camera: Yes

Operation requirement:

Extruder Temp.: Max. 500°C

Heat Bed Temp.: Max. 160°C

Chamber Temperature: Max. 90°C

Features:

- Nozzles can be cleaned automatically, a filament absence warning system is included, status are indicated by a LED system while an inside camera provides you with a live observation how the printing process.
- A linear guide and a high-performance oriental motor ensure a high speed and a high precision with auto bed levelling.
- Advanced thermal system design of this 3D printer includes a 90°C constant temperature chamber, 160°C heated build plate, and 500°C high-temperature extruder with all-metal hot end.

Specifications:

Power Requirement: 2500W 100-120 V, 20A/200-240V

Input File Type: STL, OBJ

Operating Systems: Windows, Linux, Mac

Position Resolution: XY: 16 μ m Z: 1.6 μ m

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

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