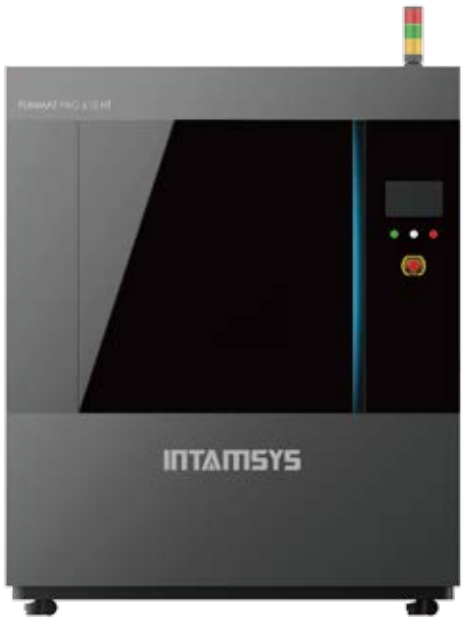
INTAMSYS

# FUNMAT PRO 610 HT

*High Build Volume Functional Materials 3D Printer*




## High Build Volume

High Build Volume Up to 610 × 508 × 508mm for Industrial Applications

## Big Size High Performance Materials Capability

3D Print Big Size PEEK, PEKK, ULTEM (PEI), PPSU and other Functional Materials

## Advanced Thermal Design

Heated Chamber Up to 300°C, Platform Up to 300°C, Extruder Up to 500°C

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|---|---|
| Model | FUNMAT PRO 610 HT |
| Printing Technology | Fused Filament Fabrication (FFF) |
| Build Volume | 610 × 508 × 508mm（24 × 20 × 20 in） |
| Build Platform | Vacuum System |
| Leveling | Automatic Leveling |
| Layer Thickness | 0.05-0.5mm |
| Printing Speed | XY: Max. 500mm/s Z: Max. 300mm/s |
| Printing Nozzles | 2 Printing Nozzles Without Scratching |
| Extruder Temperature | Max. 500°C/932°F |
| Platform Temperature | Max. 300°C/572°F |
| Chamber Temperature | Max. 300°C/572°F |
| Filament Chamber Temperature | Max. 70°C/158°F |
| Input File Type | STL, OBJ |
| Filament Diameter | 1.75mm/2.85mm |
| Position Resolution | XY: 12μm Z: 7μm |
| Motor Drive | High Precision Servo System |
| Smart Monitor & Control | Auto-cleaning Nozzles, Filament Jam Warning, Filament Absence Warning, Power Failure Recovery, Water and Active Air Cooling, Over Heat Protection |
| Safety Certification | FCC and CE |
| Connectivity | WIFI, Internet, USB |
| Supported 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. |