


Model	Parameters
<p data-bbox="168 994 414 1197"> High Temperature 3D Printer MAGIC-HT-M </p> 	<p>Temperature System: Printing Temperature:Max 500°C Hot Bed Temperature:Max 150°C,High-borosilicate Glass Platform Chamber Temperature:Max 90°C Temperature Secure Function:Temperature PID Auto Tuning, Temperature Stability ±2°C</p>
	<p>Material System: 1. 75mm Diameter 3D Printing Filament (Thermoplastic) Performance:PEEK, PEKK, PEI 1010/9085, PPSU, PPS etc, Dimensional Accuracy 100mm±0.2mm Composite:CF-PEEK, GF-PEEK, CF-PC, CF-PA, GF-PA, CF-ABS, CF-ASA, CF-PETG, CF-PLA etc, Dimensional Accuracy 100mm±0.15mm Engineering:PC, PA, ASA, ABS, TPU, PETG, PLA etc, Dimensional Accuracy 100mm±0.15mm</p>
	<p>Extrusion System: Printing Speed: Max 300mm/s Acceleration: 10000mm/s² Flow: 48mm³/s (0.6mm Nozzle, 300mm/s Speed, Under Condition of PLA Printing) Nozzle Quantity: 1Nozzle Cooling Method: Air Cooling(Print Part Cooling) Nozzle Size:0.4mm(Standard) /0.6mm(Optional) Nozzle Material:Hardened Steel Recommended Layer Thickness:0.05-0.3mm</p>
	<p>Motion Hardware: XYZ Axis Motor:Stepper Motor XY Axis Transmission:High-temperature Linear Guide & Synchronize Belt Z Axis Transmission:T-shaped Lead Screw Positioning Accuracy:X/Y:12.5 μm Z:1.25 μm</p>
	<p>Main Control Hardware: Screen:5In Color Touch Screen Screen Resolution Ratio:800x480px Flash Memory:1GB Internal Memory:16GB Motion Control Chip:STM32 ARM Cortex-M4 550MHz Logic Control Chip:H618 Octa-Core 64Bits 1.8GHz</p>
	<p>Software Functionality: Slicing Software:IEMAI 3D SLICER, CURA, S3D, Prusa, OrcaSlicer Feature Functionality:Power Failure Recovery, Filament Detection, Automatic Leveling, Automatic Switch-Off, Temperature PID Auto Tuning, Cloud Remote OTA, Cloud Monitor and Control, Local Network Transmission and Control Applicable to Confidentiality Enterprises, an additional fee of USD 980. Machine Operating System:Linux Motion Control Firmware:Optimized Firmware Based on Klipper 2nd Development Data Transmission:USB, WIFI File Formats:STL, OBJ, 3MF etc Operating System:Windows10/11 64 Bits</p>
	<p>Size and Weight: Build Volume:220*220*220mm Machine Size:505*435*515mm Package Size:535*465*675mm Net Weight:35KG Gross Weight:51KG</p>
	<p>Electric Parameter: Brand:Mean Well Power Supply:220V±10% 50-60Hz Max Power 950W 24 Hrs Average Power Consumption: 0.8KW/H(PEEK Printing) 0.2KW/H(PLA Printing)</p>
	<p>Packing List: Machine, Tool Kits, Start-Up Material Sets, Spare Parts, Slicing Software</p>