Model	Parameters
High Temperature 3D Printer MAGIC-HT-PRO	**Temperature System:** Printing Temperature:Max 500℃ Hot Bed Temperature:Max 200℃,High-borosilicate Glass Platform Chamber Temperature:Max 120℃ Temperature Secure Function:PID Auto Tuning，Temperature Stability ±2℃
	Material System: 1.75mm Diameter 3D Printing Filament(Thermoplastic) Special Engineering: PEEK,PEKK,PAEK,PEI 1010/9085,PPSU,PPS etc,Dimensional Accuracy 100mm±0.2mm Carbon Fiber Reinforced: CF-PEEK,CF-PEI,CF-PPS,CF-PPA,CF-PAHT,CF-PA12,CF-PA6,CF-PC,CF-PET,CF-ABS,CF-ASA,CF-PETG,CF-PP,CF-PLA etc,Dimensional Accuracy 100mm±0.15mm Glass Fiber Reinforced: GF-PEEK,GF-PPS,GF-PPA,GF-PAHT,GF-PA12,GF-PA6,GF-PC,GF-PET,GF-ABS,GF-ASA,GF-PETG,GF-PP,GF-PLA etc,Dimensional Accuracy 100mm±0.15mm Other Modified: PC-ABS,PC-PBT,FR-PC,FR-ABS,ESD-PETG,ESD-ABS,316L etc,Dimensional Accuracy 100mm±0.15mm Engineering: PA12,PA6/66,PC,ASA,ABS,TPU,PETG,PLAetc,Dimensional Accuracy 100mm±0.15mm Support:E-Water,E-Remove etc
	Extrusion System: Printing Speed: Max 200mm/s Acceleration: 10000mm/s² Flow: 60mm³/s(0.6mm Nozzle，300mm/s Speed,Under Condition of PLA Printing) Nozzle Quantity: 2 Nozzle, Modular Design，Electric Individual Lifting Cooling Method: Water Cooling(Heat Dissipation Zone) /Air Cooling(Print Part Cooling) Nozzle Size:0.4mm(Standard) /0.6mm(Optional) Nozzle Material:Hardened Steel Recommended Layer Thickness:0.05-0.3mm
	**Motion Hardware:** XYZ Axis Motor:High-temperature Stepper Motor XY Axis Transmission:High-temperature Linear Guide & Synchronize Belt Z Axis Transmission:T-shaped Lead Screw Positioning Accuracy:X/Y:12.5μm Z:1.25μm
	Main Control Hardware: Screen:5In Color Touch Screen Screen Resolution Ratio:800x480px Flash Memory:32GB Internal Memory:1GB Motion Control Chip:STM32 ARM Cortex-M7 550MHz Logic Control Chip:H618 Quad-Core ARM Cortex-A53, 1.5GHz
	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,Dual Nozzle Individual Lifting, Dual Nozzle XYZ Distance Calibration, Cloud Remote OTA,Cloud Monitor and Control (FREE) Local Network Transmission and Control Applicable to Confidentiality Enterprises,An Additional Fee of USD 980,Permanently Authorize. Machine Operating System:Linux Motion Control Firmware:Optimized Firmware Based on Klipper 2nd Development Data Transmission:Ethernet,USB,WIFI File Formats:STP/STEP,STL,OBJ,3MFetc Operating System:Windows10/11 64 Bits
	Size and Weight: Build Volume:310*310*410mm Machine Size:702*625*800mm*2 Package Size:780*690*980mm*2 Net Weight:199KG Gross Weight:255KG
	Electric Parameter: Brand:Mean Well Power Supply:220V±10% 50-60Hz Max Power 3KW 24 Hrs Average Power Consumption: 3KW/H(PEEK Printing) 0.2KW/H(PLA Printing)
	Packing List: Machine,Tool Kits,Start-Up Material Sets,Spare Parts,Slicing Software