Industrial-grade high-temperature consumables 3D printer

Sermoon M1

■ Features :

1. Dual steel plate frame, firm and stable, higher insulation performance;
2. Larger power heated bed, carbon silicon glass;
3. Industrial water and air cooling system, better printing effects;
4. Bowden extruder, easy change filaments, independent extruder module, easily for customize;
5. Customized electrical and gear parts, special for high temperature printing.
6. Industrial dual temperature control system, chamber temperature monitoring.
7. Infrared and heated air circulation system, heating quickly and evenly;
8. UPS system, nozzle will homing once power unexpected failure;
9. Constant chamber, keep the filaments 10%-25% relative air humidity;
10. Industrial control and power supply system;
11. Shell cooling system, intellectly decrease the dual shell temperature while printing.

■ Product Features :

Material interruption detection, continuous printing after power failure, model preview, automatic feeding and retreating, auxiliary leveling, shutdown after finishing, high-temperature special lighting, consumables preheating and drying (optional)

Brand	CREALITY
Model	Sermoon M1
Type	FDM
Print size	400×450×500mm
Machine size	1000×985×1335mm
Shipping size	1300×1300×1500mm
Net weight	300kg
Gross weight	330kg
Print speed	30-100mm/s
Precision	±0.1mm
Layer resolution	0.1-0.4mm
XY precision	0.012mm
Filament	PLA/ABS/PETG/HIPS/ASA/PA/PC/PP
Filament diameter	1.75mm
Nozzle	1
Nozzle Temp	0.6mm(0.4/0.8mm)
Hot Bed Temp	Room temperature to 270℃
Constant Temp	Room temperature to 150℃
Nozzle diameter	Room temperature to 90℃
Connectivity	TF card, USB, WiFi
Display	4.3" touch screen
Format	STL、OBJ、Gcode
Operation system	WIN、MAC、Linux
Power supply	110/230V Output 24V
Power	3500W

CREALITY