

Sermoon D3

Stable and Reliable Productivity Tool



Industrial Grade
Stability



300°C High-temp
Printing



Up to 5x
Printing Speed



Multi-printers
Control



/ Features



8,000h Steady Performance

Ultra stable with thick metal plates, aluminum alloy vertical profiles, strong linear shafts, and precision-made X/Y carriages.



300°C High-temp Printing

"Sprite" dual-gear direct extruder matched with an inner-polished nozzle and a bi-metal (copper+titanium alloys) heat break.



14 Filament Choices

Support most filaments including ABS, PC, TPU, PLA, PA66-CF, PET, PETG and ASA for producing various products.



5x Printing Speed

Allow up to 5 times of printing speed (250mm/s). The production capacity will increase by several times.



Big But Also Delicate

300×250×300mm build volume for printing more at a time. Meanwhile, it delivers 0.1mm printing accuracy.



Remote Control at Scale

Print and monitor remotely with phone or PC after connecting to LAN or Internet. It also allows multi-printers control.



Considerate Safety Features

HEPA filters are included to keep the air fresh. Also, the printer will pause when its door is opened unwarily during printing.



Simplified Operations

CR Touch auto-leveling, quick model slicing with Creatiy Print and Creatiy Cloud, and real-time model preview.



Professional Accessories

Include PC & PEI spring steel sheets, an extra steel nozzle (7.8 Mohs Hardness) kit and a professional tool kit.

/ Parameters

Printing Technology	FDM	Nozzle Kit Type	Copper Alloy Nozzle Kit Hardened Steel Nozzle Kit	Pause While Opening Door	Yes
Build Volume	300*250*300mm	Nozzle Temperature	≤300°C	Air Filtration	Yes
Product Dimensions	553*576*656mm	Heat Bed Temperature	≤110°C	Camera	Built-in 1080P HD Camera
Package Dimensions	695*670*700mm	Build Surface	PC spring steel sheet, PEI spring steel sheet	Rated Voltage	100-240V ~, 50/60Hz
Net Weight	45kg	Extruder Type	"Sprite" dual-gear direct drive extruder	Rated Power	500W
Gross Weight	50kg	Leveling Mode	CR Touch auto-leveling	Slicing Software	Creatiy Print, Cura, Simplify3D
Printing Speed	PLA≤150mm/s; ABS≤250mm/s	Display	4.3-inch touch screen	File Formats for Slicing	STL, OBJ, 3MF
Printing Accuracy	±0.1mm	Mainboard	Integrated 32-bit silent mainboard	Supported Filaments	PLA, PLA-Wood, PETG, PET, ABS, PA66, ASA, PC, PC-ABS, TPU95A, TPC, PLA-CF, PA66-CF, PET-CF
Layer Height	0.1-0.4mm	Connectivity	U-Disk, WiFi, RJ45 cable		
Filament Diameter	1.75mm	Printable File Format	G-Code	UI Languages	English, Spanish, German, French, Russian, Portuguese, Italian, Turkish, Chinese
File Transfer	U-Disk, LAN, Creatiy Cloud	Power Loss Recovery	Yes		
Nozzle Diameter	0.4mm	Filament Runout Sensor	Yes		

