

Sermoon D3

Stable and Reliable Productivity Tool

-  Industry-grade Stability
-  300°C High-temp Printing
-  Up to 5-times 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, PA-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 sliding with Creality Print and Creality 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

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|----------------------------|--------------------------------|-------------------------------|--|---------------------------------|---|
| 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*578*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 | Creality 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, PA, ASA, PC, PC-ABS, TPU95A, TPC, PLA-CF, PA-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, Creality Cloud | Power Loss Recovery | Yes | | |
| Nozzle Diameter | 0.4mm | Filament Runout Sensor | Yes | | |

