# K2 Plus Combo
## Epic Leap of Color & Size
Next-level Professional 3D Printer

**Intelligent Creality Filament System (CFS)**
Auto filament selection, switch and relay
as well as airtight filament storage.
With 4 CFS connected, you can do 16-color printing.

**Substantial 350mm Cubed Print Size**
Able to print a larger model or many
more small pieces all at once,
satisfying your ever-expanding 3D printing ambitions.

**Advanced Step-servo Motors for All Axis**
Each motor offers 32,768 controllable microsteps per revolution.
It delivers 600mm/s speed with 30000mm/s² acceleration.
Only 45dB loud at 300mm/s.

**Super Sturdy "Matrix" Frame**
It features an exoskeleton comprising stiff top, base,
and side pieces die-cast by aerospace-grade aluminum alloy.
And the XYZ axis are reinforced to the extreme.

**Next-gen "Apus" Extruder Kit**
Packed with a filament cutter, run-out sensor and tri-metal nozzle.
Clog-free, easy-to-maintain and promising up to 40mm³/s flow.

**Super Master of Materials**
An actively heated chamber pairs with a steel-tipped
nozzle up to 350℃. No sweat to deal with high-end
materials such as PA-CF, ASA and PPA.

**Dual AI Cameras**
Toolhead AI camera for fine-tuning the PA value and flow rate.
Chamber AI camera for watching over spaghetti failure,
foreign objects, idling, etc.

**Flawless Print Quality**
No rippling at all speeds; also two auxiliary fans for
perfect part cooling. The dimensional accuracy of prints
can reach 0.05mm.

| K2 Plus SPECIFICATIONS | | | |
|---|---|---|---|
| Printing Technology | Fused Deposition Modeling | Product | K2 Plus |
| Build Voume | 350*350*350mm | Rated Voltage | 100-240V~ AC 50/60Hz 4.3" color |
| K2 Plus Dimensions | 495*515*640mm | Display Screen | touch screen |
| K2 Plus Combo Dimensions | 495*515*916mm | Supported Filaments | PLA/ABS/PETG/PA-CF/ PLA-CF/PET/ASA/PPA-CF |
| K2 Plus Net Weight | 35Kg | Rated Power | 1200W |
| Printing Speed | ≤600mm/s | AI Camera for Monitoring | Standard |
| Accelaration | ≤30000mm/s² | AI Camera for Calibration | Standard |
| Printing Accuracy | 100mm±0.1mm | Power Loss Recovery | Yes |
| Layer Height | 0.05-0.3mm | Auto Filament Relay | Yes |
| Extruder | Dual-gear direct drive extruder | Filament Tangle Detection | Yes |
| Filament Diameter | 1.75mm | Air Purifier | Yes |
| Nozzle Diameter | 0.4mm | Input Shaping | Yes |
| Nozzle Temperature | ≤350℃ | Lighting kit | Yes |
| Heatbed Temperature | ≤120℃ | Active Bed Tilt Calibration | Yes |
| Chamber Temperature | ≤60℃ | Active Belt Tensioning | Yes |
| Build Plate | Flexible build plate | Active Chamber Heater | Yes |
| Leveling Mode | Full-auto Leveling | RFID-tagged Filaments | Yes |
| XYZE Motor | Servo-step motor | Printable File Format | Gcode/3MF |
| File Transfer | USB Drive/Ethernet/WiFi | CFS Compatibility | Yest |
| File Storage | 32GB EMMC | Number of CFS Extensions | ≤4 |
| Wifi | 2.4GHz/5GHz | Slicing Software | Creality Print 5.0 or newer versions |
| RFID Sensor in Printer | Included | UI Languages | English/German/Spanish/French/ Italian/Portuguese/Russian/Turkish/ Japanese/Korean/Chinese |

| CFS SPECIFICATIONS | |
|---|---|
| Product | CFS |
| Dimensions | 379*314*276 mm |
| Net Weight | 4.56kg |
| Number of Filament Slots | 4 |
| Drying Method | Desiccant |
| Filament Buffer | IN*4 & OUT*1 |
| Number of Extensions | ≤4 |
| RFID Filament Recognition | Yes |
| Filament Diameter | 1.75±0.05mm |
| Supported 3D Printer | K2 Plus |
| Connection Port | Creality 485 *2 |
| Power Supply | DC 24V (No need of extra power supply while connected to K2 Plus) |
| Rated Power | 20W |
| Status Indicator | Indicator light (white/red) x 4 |
| Display Screen | Segment LCD showing temperature and humidity |
| Filament Spool Compatibility | 1Kg filament spool; spool diamter: 197-202mm, spool thickness: 42-68mm |
| Supported Filaments | PLA/PETG/ABS/ASA/PET/PLA-CF; *Not compatible with flexible TPU, damp BVOH/PVA, or warped cardboard spools. |
| Auto Filament Relay | Yes |

| PACKAGE INFO *The eco-friendly package is only for Australia. | | | |
|---|---|---|---|
| CFS Package Dimensions | 438*365*330mm | CFS Gross Weight | 5.8kg |
| K2 Plus Package Dimensions | 620*590*708mm | K2 Plus Gross Weight | 46kg |
| K2 Plus Combo Package Dimensions | 620*590*708mm | K2 Plus Combo Gross Weight | 51kg |
| K2 Plus Combo Eco-friendly Package Dimensions | 640*610*728mm | K2 Plus Combo Gross Weight with Eco-friendly Package | 57.14kg |