

# 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/s<sup>2</sup> 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 Extruder Kit

Packed with a filament cutter, run-out sensor and tri-metal nozzle. Clog-free, easy-to-maintain and promising up to 40mm<sup>3</sup>/s flow.

### Super Master of Materials

An actively heated chamber pairs with a steel-tipped nozzle up to 350°C. 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                                               |                                 |                                                      |                                                                                          | CFS SPECIFICATIONS           |                                                                                                            |
|----------------------------------------------------------------------|---------------------------------|------------------------------------------------------|------------------------------------------------------------------------------------------|------------------------------|------------------------------------------------------------------------------------------------------------|
| Printing Technology                                                  | Fused Deposition Modeling       | Product                                              | K2 Plus                                                                                  | Product                      | CFS                                                                                                        |
| Build Volume                                                         | 350*350*350mm                   | Rated Voltage                                        | 100-240V~ AC 50/60Hz                                                                     | Dimensions                   | 379*314*276 mm                                                                                             |
| K2 Plus Dimensions                                                   | 495*515*640mm                   | Display Screen                                       | 4.3" color touch screen                                                                  | Net Weight                   | 4.56kg                                                                                                     |
| K2 Plus Combo Dimensions                                             | 495*515*916mm                   | Supported Filaments                                  | PLA/ABS/PETG/PA-CF/PLA-CF/PET/ASA/PPA-CF                                                 | Number of Filament Slots     | 4                                                                                                          |
| K2 Plus Net Weight                                                   | 35Kg                            | Rated Power                                          | 1200W                                                                                    | Drying Method                | Desiccant                                                                                                  |
| Printing Speed                                                       | ≤600mm/s                        | AI Camera for Monitoring                             | Standard                                                                                 | Filament Buffer              | IN*4 & OUT*1                                                                                               |
| Acceleration                                                         | ≤30000mm/s <sup>2</sup>         | AI Camera for Calibration                            | Standard                                                                                 | Number of Extensions         | ≤4                                                                                                         |
| Printing Accuracy                                                    | 100mm±0.1mm                     | Power Loss Recovery                                  | Yes                                                                                      | RFID Filament Recognition    | Yes                                                                                                        |
| Layer Height                                                         | 0.05-0.3mm                      | Auto Filament Relay                                  | Yes                                                                                      | Filament Diameter            | 1.75±0.05mm                                                                                                |
| Extruder                                                             | Dual-gear direct drive extruder | Filament Tangle Detection                            | Yes                                                                                      | Supported 3D Printer         | K2 Plus                                                                                                    |
| Filament Diameter                                                    | 1.75mm                          | Air Purifier                                         | Yes                                                                                      | Connection Port              | Creality 485 *2                                                                                            |
| Nozzle Diameter                                                      | 0.4mm                           | Input Shaping                                        | Yes                                                                                      | Power Supply                 | DC 24V (No need of extra power supply while connected to K2 Plus)                                          |
| Nozzle Temperature                                                   | ≤350°C                          | Lighting kit                                         | Yes                                                                                      | Rated Power                  | 20W                                                                                                        |
| Heatbed Temperature                                                  | ≤120°C                          | Active Bed Tilt Calibration                          | Yes                                                                                      | Status Indicator             | Indicator light (white/red) x 4                                                                            |
| Chamber Temperature                                                  | ≤60°C                           | Active Belt Tensioning                               | Yes                                                                                      | Display Screen               | Segment LCD showing temperature and humidity                                                               |
| Build Plate                                                          | Flexible build plate            | Active Chamber Heater                                | Yes                                                                                      | Filament Spool Compatibility | 1Kg filament spool; spool diameter: 197-202mm, spool thickness: 42-68mm                                    |
| Leveling Mode                                                        | Full-auto Leveling              | RFID-tagged Filaments                                | Yes                                                                                      | Supported Filaments          | PLA/PETG/ABS/ASA/PET/PLA-CF; *Not compatible with flexible TPU, damp BVOH/PVA, or warped cardboard spools. |
| XYZE Motor                                                           | Servo-step motor                | Printable File Format                                | Gcode/3MF                                                                                | Auto Filament Relay          | Yes                                                                                                        |
| File Transfer                                                        | USB Drive/Ethernet/WiFi         | CFS Compatibility                                    | Yes                                                                                      |                              |                                                                                                            |
| 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 |                              |                                                                                                            |
| <b>PACKAGE INFO</b> *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                                                                                  |                              |                                                                                                            |

