

## 3D PRINTER K2 PLUS

**€ 1.179,00**

Excl. BTW: € 974,38

### Afbeeldingen





## Beschrijving

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### **Creality K2 Plus 3D Printer**

The Creality K2 Plus is a 3D printer with a large (350 x 350 x 350 mm) workspace that allows for fast and precise printing of larger models. With its robust design, optional CFS multicolor system and advanced extruder, the device guarantees high quality prints and reliability, meeting the needs of both novice users and professionals.

### **Large workspace for greater freedom**

The Creality K2 Plus offers a workspace of 350 x 350 x 350 mm, allowing the printing of large models without the need to split them. This makes the device ideal for complex projects such as prototypes, decorations or architectural models.

### **Reliable "Matrix" design and stable operation**

The "Matrix" frame made of cast aluminum provides exceptional rigidity and durability. Thanks to its robust design and a double Z-axis supported by four linear guides, the device operates stably even when printing at high speeds. This solution minimizes vibration, which is crucial when creating precision parts.

### **Actively heated chamber and versatile filament support**

One of the key advantages of the K2 Plus is its ability to work with a wide range of filaments, such as PLA, ABS, PETG, PA (nylon), etc. The actively heated chamber provides the right conditions for printing even the most demanding filaments, allowing you to achieve professional results. In addition, thanks to the optional CFS system, the K2 Plus allows printing in up to 16 colors simultaneously.

### **New generation precision extruder**

The K2 Plus is equipped with an advanced extruder with direct filament feeding function, which guarantees precise and stable printing. The 0.4mm diameter nozzle can reach temperatures of up to 350°C, allowing it to work with a variety of filaments. In addition, the quick-change nozzle system improves maintenance of the device.

### **Intelligent print monitoring with AI cameras**

Dual AI cameras monitor the printing process in real time, adjusting filament flow and identifying potential errors such as nozzle blockages. These features guarantee stable operation and minimize the risk of print failure. The K2 Plus also offers automatic leveling, which saves the user time and ensures a perfectly smooth first layer.

## Drive system and quiet operation

The printer uses an advanced drive system with a high-precision stepper motor to achieve print speeds of up to 600 mm/second at an acceleration of 30,000 mm/second. Despite its high power, the K2 Plus runs extremely quietly (45 dB), making it an ideal choice for both the office and home.

## Innovative features - from filament cutting to active belt tensioning

The K2 Plus offers amenities that make the printing process even more efficient. The built-in automatic filament cutting system eliminates unnecessary manual operations, while the active belt tensioning system ensures precise print head movements, which affects the quality of prints.

## Easy operation

The printer is ready to use right out of the box. The calibration process is intuitive and quick, allowing the user to focus on completing projects. The built-in RFID reader automatically recognizes the filaments and selects the optimal print settings, which minimizes the risk of errors and saves time.

## Remote control and dedicated software

With built-in Wi-Fi and the Creality Cloud app, you can control the printer remotely. Also at your disposal is Creality OS, which offers intelligent management of multiple filaments and allows for precise settings in expert mode. The FLUIDD WebUI interface is also supported for your convenience. Creality Print 5.0, on the other hand, supports Gcode and 3MF file formats and allows precise settings of printing parameters for full control over the process. In addition, a 4.3-inch color touchscreen makes operating the device extremely convenient and intuitive.

## Safe and environmentally friendly

The built-in air purifier effectively filters the volatile organic compounds (VOCs) emitted during printing, making the printer safe to use even indoors. With its robust design and advanced features, the K2 Plus meets the highest safety standards.

## Included

- 3D printer
- touch screen
- screen base
- spool holder
- filament
- PTFE cable
- tool kit
- user's manual

<b>Manufacturer</b>	Creality
<b>Model</b>	K2 Plus
<b>Printing technology</b>	FDM
<b>Print area</b>	350 x 350 x 350 mm
<b>Printer dimensions</b>	495 x 515 x 640 mm
<b>Weight</b>	35 kg

<b>Printing speed</b>	≤600 mm/sec
<b>Acceleration</b>	≤30,000 mm/s <sup>2</sup>
<b>Printing Accuracy</b>	100 mm ± 0.1 mm
<b>Layer height</b>	0.05-0.3 mm
<b>Extruder</b>	Direct extruder with double gear drive
<b>Filament diameter</b>	1.75 mm
<b>Nozzle diameter</b>	0.4 mm
<b>Nozzle temperature</b>	≤ 350°C
<b>Table temperature</b>	≤ 120°C
<b>Chamber temperature</b>	≤ 60°C
<b>Working surface</b>	Flexible printing surface
<b>Leveling mode</b>	Automatic leveling
<b>XYZ motor</b>	Stepper motor with servo drive
<b>File transfer</b>	USB / Ethernet / Wi-Fi
<b>Supported file formats</b>	Gcode / 3MF
<b>Internal memory</b>	32 GB EMMC
<b>Wi-Fi</b>	2.4 GHz / 5 GHz
<b>RFID sensor</b>	yes
<b>Rated voltage</b>	100-240 V~ AC 50/60 Hz
<b>Display screen</b>	4.3" color touch screen
<b>Rated power</b>	1200 W
<b>Supported filaments</b>	PLA / ABS / PETG / PA-CF / PLA-CF / PET / ASA / PPA-CF
<b>AI camera for monitoring</b>	Standard
<b>AI camera for calibration</b>	Standard
<b>Power Loss Recovery</b>	Yes
<b>Automatic filament feeding relay</b>	Yes
<b>Tangled filament detection</b>	Yes
<b>Air purifier</b>	Yes

<b>Input Shaping</b>	Yes
<b>Lighting kit</b>	Yes
<b>Active table tilt calibration</b>	Yes
<b>Active belt tensioning</b>	Yes
<b>Active chamber heating</b>	Yes
<b>Support for RFID filaments</b>	Yes
<b>Supported file formats</b>	Gcode / 3MF
<b>Compatibility with CFS system</b>	Yes
<b>Number of CFS extensions</b>	≤ 4
<b>Cutting software</b>	Creality Print 5.0 or later versions
<b>User interface languages</b>	English, German, Spanish, French, Italian, Portuguese, Russian, Turkish, Japanese, Korean, Chinese

## Productinformatie

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Artikelnummer	K2PLUS
Merk	CREALITY
Is on Sale	Nee

