Creality K2 Plus 3D Printer

Gamintojas: **CREALITY** · Modelis: **1202080033** · EAN: **6971636403371** · Prekės kodas: **21864**



1 384,91 €

Kaina su PVM

Be PVM: **1 144,55 €**

Sandėlyje

Prekė internetu
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Aprašymas

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

Pateikta prekės informacija yra orientacinio pobūdžio. Techninės savybės, nuotraukos, aprašymai ir kaina gali keistis be išankstinio perspėjimo. Gamintojas ir pardavėjas neatsako už galimus duomenų neatitikimus ar tipografines klaidas. Prieš įsigyjant rekomenduojame pasitikrinti aktualią informaciją.

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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

Manufacturer	Creality
Model	K2 Plus
Printing technology	FDM
Print area	350 x 350 x 350 mm
Printer dimensions	495 x 515 x 640 mm
Weight	35 kg
Printing speed	≤600 mm/sec
Acceleration	≤30,000 mm/s²
Printing Accuracy	100 mm ± 0.1 mm
Layer height	0.05-0.3 mm
Extruder	Direct extruder with double gear drive
Filament diameter	1.75 mm
Nozzle diameter	0.4 mm
Nozzle temperature	≤ 350°C
Table temperature	≤ 120°C
Chamber temperature	≤ 60°C
Working surface	Flexible printing surface
Leveling mode	Automatic leveling
XYZ motor	Stepper motor with servo drive
File transfer	USB / Ethernet / Wi-Fi
Supported file formats	Gcode / 3MF
Internal memory	32 GB EMMC
Wi-Fi	2.4 GHz / 5 GHz
RFID sensor	yes
Rated voltage	100-240 V~ AC 50/60 Hz
Display screen	4.3" color touch screen
Rated power	1200 W
Supported filaments	PLA / ABS / PETG / PA-CF / PLA-CF / PET / ASA / PPA-CF
AI camera for monitoring	Standard
AI camera for calibration	Standard

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

Gross weight: 46000, Net weight: 35000, Box length: 62,00, Box width: 59,00, Box height: 70,80, test: Drukarka 3D Creality K2 Plus, Printer type: FDM , Printing speed (mm/h): 600, GPSR Link: https://psr-assets.innpro.pl/creative_technologies/sg_creative_technologies_3d_print.pdf, Pobierz instrukcję: https://files.innpro.pl/Creality/6971636403371, Information about data generation: https://dataact.innpro.pl/creality/6971636403371

Techninė specifikacija

Matmenys ir svoris	
Matmenys (I × P × A)	62,00cm × 59,00cm × 70,00cm
Svoris	46,00kg