Creality K1C 3D Printer

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The Creality K1C 3D Printer offers excellent print quality, speed, and reliability. Ideal for professionals and enthusiasts, this printer is equipped with advanced technologies, such as a metal extruder, a tri-metal "unicorn" nozzle, reinforced carbon fiber components, a super-fast CoreXY system, and much more. Let's take a closer look at the five key features that set the K1C apart in the market.

All-Metal Extruder
The K1C's all-metal extruder ensures reliability and durability. Its spring and ball-bearing reinforced design creates a strong grip that doesn't loosen, ensuring precise and even filament flow. This is crucial for maintaining print consistency and quality, especially for large tasks.

Innovative Tri-Metal "Unicorn" Nozzle
The "Unicorn" nozzle is a revolutionary component of the K1C, combining copper, steel, and titanium to prevent clogs and enable fast nozzle changes. This nozzle ensures exceptional print quality and is resistant to high temperatures, essential for using various filament types.

High-Speed and Efficiency with CoreXY

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The CoreXY system in the K1C guarantees speed and precision. The printer achieves a maximum speed of 600 mm/s and acceleration of 20000 mm/s², significantly boosting printing efficiency. Faster printing without compromising quality is a significant advantage for any user.

Automatic Calibration
The K1C's automatic calibration is convenient and time-saving. Thanks to intelligent sensors, a single touch is all it takes to initiate the leveling process, eliminating the need for manual adjustments. This not only simplifies operation but also ensures excellent result repeatability.

AI Camera and Real-Time Monitoring
The AI camera is another innovative feature of the K1C. It allows real-time monitoring of the printing process, recognizing filament beam damage and foreign objects. Frame-by-frame recording enables detailed analysis and improvement of printing processes.

Packed with Features
The Creality K1C also offers other advanced features, such as dynamic balancing to reduce vibrations, a quiet operating mode, an air filter, and an excellent software ecosystem with Creality OS, Creality Print, and Creality Cloud. These additions make the printer even more versatile and user-friendly.

Specifications
BrandCreality
ModelK1C
Printing TechnologyFDM
Build Volume220 x 220 x 250mm
Product Dimensions441 x 441 x 578mm
Device Weight12.4kg
Printing SpeedUp to 600mm/s
AccelerationUp to 20000mm/s²
Printing Accuracy100±0.1mm
ExtruderFull-metal direct drive extruder
Filament Diameter1.75mm
Data TransferUSB Drive, WiFi
LevelingAutomatic
Nozzle Diameter0.4mm
Nozzle TemperatureUp to 300°C
Heated Bed TemperatureUp to 100°C
Build SurfaceElastic PEI build plate
Leveling ModeAutomatic
Display4.3-inch touchscreen
Mainboard Type32-bit board
Power RecoveryYes
Lighting KitYes
Filament Runout SensorYes
AI CameraYes
AI LiDARYes
Sleep ModeYes
Nominal Power100-240V~, 50/50Hz
Rated Power350W

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Supported FilamentsABS, PLA, PETG, PET, TPU, PA, ASA, PC, PLA-CF, PA-CF, PET-CF
Slice File FormatSTL, OBJ, 3MF
Slicing SoftwareCreality Print, Cura version 5.0
Print File FormatG-code
Interface LanguagesEnglish, Spanish, German, French, Russian, Portuguese, Italian, Turkish, Japanese, Chinese

Preço:

€ 642.99

TechCraft, 3D Printers