Creality K1 MAX 3D Printer

Ref: 6971636403128

Creality K1 MAX 3D Printer

Creality K1 MAX 3D Printer
The Creality K1 Max 3D Printer revolutionizes the 3D printing industry, offering printing speeds twelve times faster than standard FDM devices. Equipped with innovative technologies such as the lightweight Core XY print head, Creality's intelligent operating system, and an advanced monitoring system, the K1 Max ensures efficiency, precision, and ease of use. Discover innovative solutions that will allow you to push the boundaries of traditional 3D printing.

Agile and Precise Printing Head
The K1 Max combines agility and precision with its lightweight print head weighing 190g, ensuring reduced motion inertia. This innovative design enables faster and more accurate printing, eliminating vibrations and enhancing overall print quality. Additionally, the improved Z-axis with precise positioning minimizes Z-banding effects, ensuring smooth and uniform layers.

Advanced Monitoring and LiDAR
The K1 Max revolutionizes the printing process by utilizing LiDAR with a 1-nanometer resolution for scanning the first layer and AI cameras for monitoring the entire process. The device immediately alerts you to errors such as spaghetti failures or the presence of foreign objects, enabling quick intervention. Spaghetti failure is a printing error resulting from the loss of adhesion of the printed object to its base, resulting in tangled filament strands resembling spaghetti. The device will alert you when such an error occurs. The system

Mobilemax - Gadgets and Accessories
Rua Vasco da Gama n61, 8005-411, Estoi - Faro, Portugal
(Continente)

Telefone: +351962484153
(Chamada para rede móvel nacional)
Email: info@mobilemax.pt

allows real-time monitoring of the printing progress and the creation of time-lapse videos.

Innovative Heating and Cooling Technology
The new ceramic heater of the K1 Max heats the filament to 200°C in just 40 seconds, while an additional 18W fan effectively improves cooling. Dual Cooling technology enables the creation of complex bridges and overhangs without the need for supports, allowing models to solidify before any distortion occurs.

Intelligent Operating System
The K1 Max utilizes Creality's intelligent operating system, providing a simple user interface and data synchronization with various devices and the cloud. With a dual-core 1.2 GHz processor and 8GB of ROM memory, the device supports fast printing and can store up to 400 models, facilitating efficient data saving and retrieval.

Ease of Use and Reliability
The Creality K1 Max is delivered fully assembled and calibrated, significantly simplifying the setup process. Pressing a single button activates an autotest that checks all key components, including the extruder, heated bed, camera, fan, and leveling.

Specifications:
Brand Creality
Model K1 Max
Printing Technology FDM
Build Volume 435 x 462 x 526mm
Product Dimensions 508 x 508 x 608 mm
Device Weight 18kg
Printing Speed Up to 600mm/s
Acceleration Up to 20000mm/s²
Printing Accuracy 100±0.1mm
Layer Height 0.1-0.35 mm
Extruder Direct Drive with Dual Gears
Filament Diameter 1.75mm
Nozzle Diameter 0.4mm
Nozzle Temperature Up to 300°C
Heated Bed Temperature Up to 110°C
Build Surface Elastic Construction Plate
Leveling Method Automatic
Data Transfer USB Memory, WiFi
Display 4.3-inch Color Touchscreen
AI Camera Yes
AI LiDAR Yes
Power Recovery Yes
Filament Runout Sensor Yes
Input Shaping Yes
Lighting Kit Yes
Sleep Mode Yes
Rated Power 100-240V~, 50/60Hz
Power Consumption 1000W
Supported Filaments ABS, PLA, PETG, PET, TPU, PA, ABS, ASA, PC, PLA-CF, PA-CF, PET-CF
File Format for Printing STL, OBJ, AMF

Mobilemax - Gadgets and Accessories
Rua Vasco da Gama n61, 8005-411, Estoi - Faro, Portugal
(Continente)

Telefone: +351962484153
(Chamada para rede móvel nacional)
Email: info@mobilemax.pt

Interface LanguagesEnglish, Spanish, German, French, Russian, Portuguese, Italian, Turkish, Japanese, Chinese

Preço:

€ 881.00

TechCraft, 3D Printers