



Creality CR-10 SE 3D Printer

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Ref: 6971636400998

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The Creality CR-10 SE 3D Printer is an advanced device that combines precision, speed, and ease of use, making it the perfect solution for both professionals and enthusiasts. Equipped with automatic leveling, precise linear rails, an advanced cooling fan, innovative printing algorithms, and fast task execution, this printer is the epitome of efficiency and quality. With a wide range of supported filaments and advanced connectivity options, the Creality CR-10 SE is a versatile tool for anyone seeking excellence in 3D printing.

Automatic Leveling - First Layer Perfection

Automatic leveling in the Creality CR-10 SE printer is the key to achieving perfect prints. It allows for a neat, smooth, and uniform first layer without the need for manual calibration. This simplifies and streamlines the printing process, significantly reducing the entry barrier for new users and ensuring high-quality prints even in the hands of beginners.

Precise Linear Rails - Stability and Accuracy

Precise linear rails on the X and Y axes guarantee unmatched stability and accuracy in the printer's movements. Made from durable steel and equipped with ball bearings, these rails minimize friction, ensuring smooth motion and reliability. This is a crucial element that translates into exceptional print quality.

Advanced Cooling Fan - Better Bridges and Overhangs

The 12,000 RPM fan is an innovation that significantly improves print quality. Its strong airflow immediately cools the freshly printed section of the model, allowing for the creation of better bridges and overhangs. This is particularly important for complex geometries and thin elements that require precise cooling.

Quality-Optimizing Algorithms

The use of advanced algorithms in the Creality CR-10 SE printer is another step towards perfection. These algorithms effectively dampen printer vibrations, minimizing distortions, and optimizing material flow. The result is a significant improvement in print quality, with a particular focus on precision and detail sharpness.

Printing Speed - Practical Efficiency

Printing speeds up to 600 mm/s with acceleration up to 8000 mm/s² are exceptional features of the Creality CR-10 SE printer. It allows for fast task execution, significantly reducing the time required to create a model. This is especially important in professional environments where time is a critical factor.

Specifications

Brand Creality
Model CR-10 SE
Printing Technology FDM
Build Volume 220 x 220 x 250mm
Product Dimensions 490 x 470 x 625mm
Device Weight 7.8kg
Printing Speed Up to 600mm/s
Acceleration Up to 8000mm/s²
Printing Accuracy 100±0.1mm
Layer Height 0.1-0.35 mm
Filament Diameter 1.75mm
Data Transfer USB Drive, LAN Printing, Cloud Printing
Extruder Upgraded Direct Drive "Sprite" Extruder
Leveling Type Automatic
Nozzle Diameter 0.4mm
Nozzle Temperature Up to 300°C
Heated Bed Temperature Up to 110°C
Build Surface Elastic PEI Build Plate
Leveling Mode Automatic
Display 4.3-inch Touchscreen
Mainboard Type 32-bit Mainboard
Lighting Kit Yes
Filament Runout Sensor Yes
Lighting Kit Yes
Camera Optional
AI LiDAR Optional
Rated Power 100-240V~, 50/50Hz
Power Consumption 350W
Supported Filaments PLA, PETG, PET, TPU, Wood PLA, ABS, ASA, PA, PLA-CF

Slicing File Format STL, OBJ, 3MF, STEP

Slicing Software Creality Print, Cura, Simplify3D, PrusaSlicer

Print File Format G-code

Interface Languages English, Spanish, German, French, Russian, Portuguese, Italian, Turkish, Japanese, Chinese

Price:

€ 531.00

TechCraft, 3D Printers