Snapmaker U1 3D Printer (Global Version)

LKR 615,600.00



- **12-Month Warranty Included** for worry-free operation.
- **Ultra-Fast Printing** – CoreXY motion system enables speeds up to **500 mm/s**, allowing you to finish prints dramatically faster than standard 3D printers.

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- **Multi-Color & Multi-Material Printing** – Supports **up to 4 toolheads**, making complex multi-color prints and advanced material combinations easy.
- **Large 270 × 270 × 270 mm Build Volume** – Plenty of space to print bigger models or multiple parts in a single job.
- **High Temperature Hotend (300 °C)** – Compatible with a wide range of filaments including **PLA, PETG, TPU, and engineering materials**.

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Next-Generation Multi-Color 3D Printing Made Simple

Snapmaker U1 details

Looking for a fast, powerful machine that turns your ideas into colorful reality? The **Snapmaker U1 3D Printer** is built for makers who want speed, precision, and creativity in one device. With its advanced CoreXY motion system and lightning-fast toolhead swapping, this printer can produce complex multi-color or multi-material prints without the usual hassle. Whether you are prototyping, creating products, or experimenting with designs, it keeps your workflow smooth and efficient.

What really makes this machine exciting is its intelligent automation and engineering. Smart calibration, vibration compensation, and pressure-controlled extrusion work together to deliver crisp details and consistent layers even at high speeds. And yes, you can monitor prints remotely through the app or touchscreen interface. At *Master3D*, we know creators want reliability and flexibility, and this machine delivers both with confidence.

Why Choose the Snapmaker U1 3D Printer?

Imagine printing multiple colors or materials without wasting filament or waiting for slow swaps. Thanks to the SnapSwap™ toolhead system, this printer can switch between up to four extruders in seconds. That means faster prints, less waste, and more creative freedom. Combine that with automatic filament handling and precision motion control, and you get a machine that feels almost effortless to use.

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The **Snapmaker U1 3D Printer** also supports a wide range of materials including PLA, PETG, TPU, and engineering plastics when used with an enclosure. Whether you're building prototypes, functional parts, or artistic models, the printer adapts to your needs while maintaining excellent surface quality and accuracy.

Key Specifications

- **Build Volume:** 270 × 270 × 270 mm
- **Maximum Speed:** Up to 500 mm/s CoreXY motion system
- **Toolheads:** 4 independent extruders for multi-color printing
- **Nozzle Temperature:** Up to 300 °C
- **Heated Bed Temperature:** Up to 100 °C with PEI flexible build plate

Smart Design for Faster, Cleaner Prints

Speed alone doesn’t make a great printer. Consistency does. That’s why the **Snapmaker U1 3D Printer** includes features like vibration compensation and dynamic flow calibration to reduce common artifacts such as ghosting or uneven extrusion. The result? Smooth walls, sharp corners, and professional-looking prints even during high-speed production.

With Wi-Fi connectivity, a responsive touchscreen, and powerful slicing software, controlling your prints becomes incredibly simple. From beginners to experienced makers, this machine feels intuitive, powerful, and ready for serious creative work.

FAQs

1. **Q1. Can this printer print multiple colors in a single model?**
   A.Yes. It supports up to four toolheads, allowing multi-color or multi-material prints without complicated filament switching.
2. **Q2. Is it beginner-friendly?**
   A. Absolutely. Automatic calibration, smart filament handling, and intuitive software make it accessible even if you are new to 3D printing.
3. **Q3. What materials can it print?**
   A. It supports PLA, PETG, TPU, PVA, and other advanced materials. With an enclosure, it can also handle engineering filaments like ABS or PC.

Technical Specifications

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Specification	Details
Product Name	Snapmaker U1 3D Printer
Printer Type	High-speed CoreXY FDM 3D Printer
Build Volume	270 × 270 × 270 mm
Maximum Printing Speed	Up to 500 mm/s
Maximum Acceleration	Up to 20,000 mm/s²
Extruder System	SnapSwap™ modular multi-toolhead system
Number of Toolheads Supported	Up to 4 extruders
Nozzle Diameter	0.4 mm (standard)
Maximum Nozzle Temperature	300 °C
Heated Bed Temperature	Up to 100 °C
Build Plate Type	Flexible PEI Spring Steel Plate
Motion System	CoreXY precision motion structure
Auto Calibration	Automatic bed leveling and calibration
Filament Diameter	1.75 mm
Supported Materials	PLA, PETG, TPU, and other compatible filaments
Connectivity	Wi-Fi, USB
User Interface	Touchscreen display
Software Compatibility	Snapmaker Luban and compatible slicers
Frame Construction	Rigid metal frame for stability
Monitoring	Remote monitoring via network connection
Power Supply	AC 100–240V, 50/60Hz

Disclaimer: Dimensions, weight, and specifications may vary slightly depending on production batches. Product images are for illustration purposes only and may differ from the actual item.

The Snapmaker U1 is available from Master3D in Sri Lanka. Shop more Core-XY 3D Printes at Master3D, or see the official SnapMaker range.

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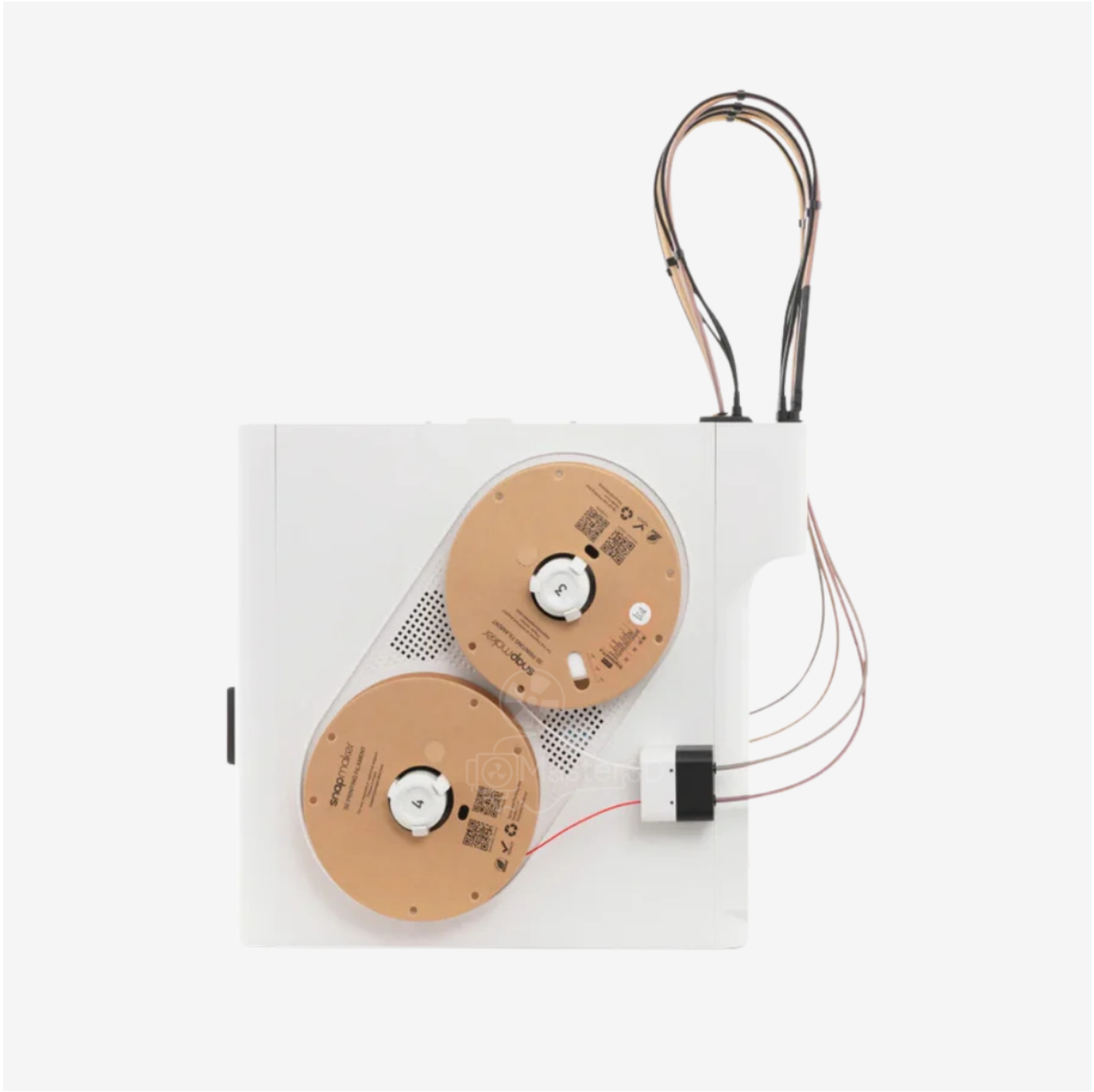

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