![Flashforge logo] FLASHFORGE®

Adventurer 5M Series

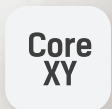## Fast and User-friendly

Adventurer 5M Pro
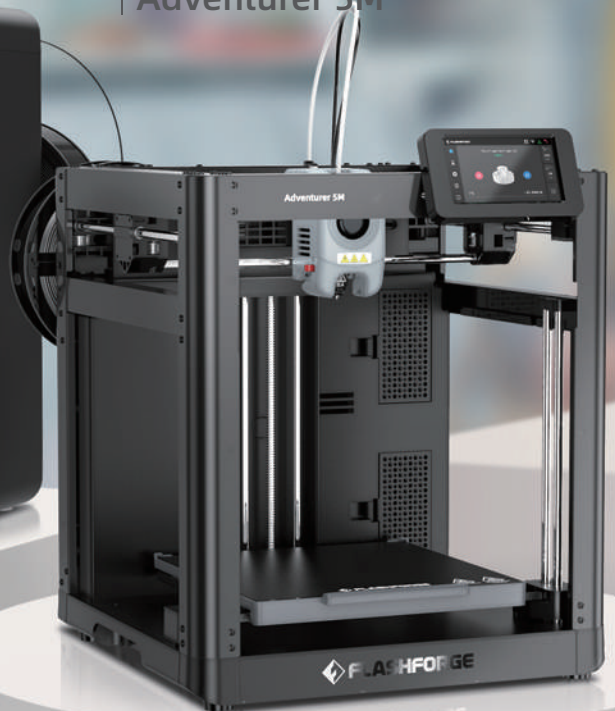
Adventurer 5M

Adventurer 5M series is well-suited for beginners, individual users, families, and educational institutions. Just one-click printing, without complicated operation procedures. Realize your ideas effortlessly.

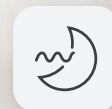| Full-auto one-click leveling	Maximum speed 600mm/s	Core XY structure	3-second quick-swap nozzle	Dual air filtration system	50dB silent printing
				available for Pro version	available for Pro version

Full-auto one-click leveling, flawless first layer

Adventurer 5M series features a full-auto one-click leveling system. It measures the distance and then calculates the correct offsets. No tools, no manual Z-axis calibration, while ensuring perfect first layer.
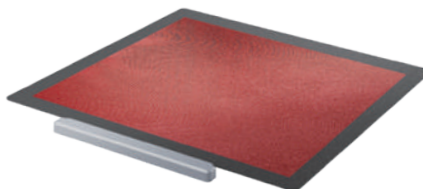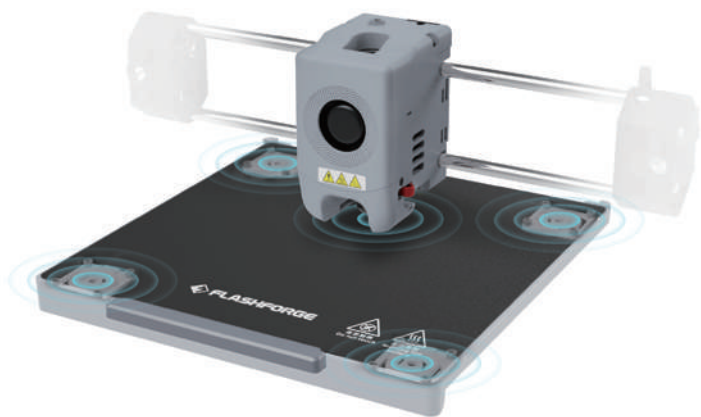
Efficiency and quality combined

10
Minutes

From unboxing to starting printing

10 minutes
From unboxing to starting printing

Printing
Maximum speed **600mm/s**
Maximum acceleration **20000mm/s²**

Less waiting time
Nozzle with a flow of **32mm³/s**
50w heating power
200℃ heating up in **35 seconds**

Astronaut
104*118*200mm（228g）

Adventurer 5M series
4h10min

Others
19h20min
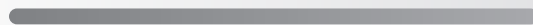
Robust designs for superior quality

Core XY structure, all-metal frame
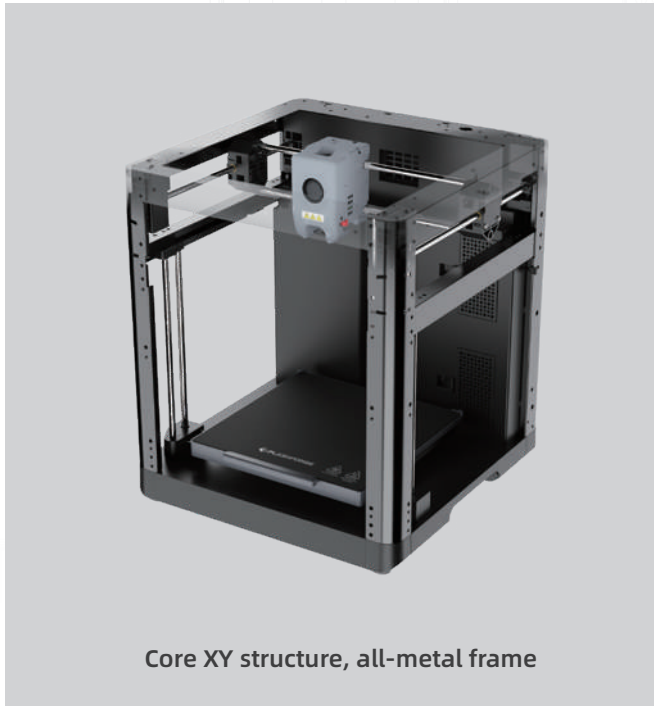
Effective cooling by dual-channel structure

available for Pro version

Auxiliary chamber cooling

Vibration compensation, eliminating ghosting in prints
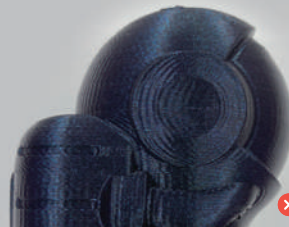
PLA

PETG

PLA
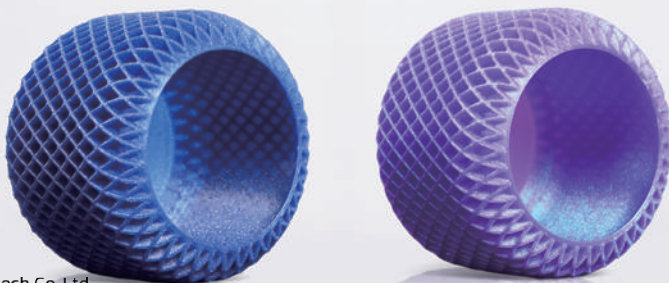
TPU

Eco-friendly printing

Adventurer 5M Pro adopts a dual filtration system of internal and external circulation. Dual-layer filtration: HEPA13 and activated carbon, effectively blocking 99% of particles and VOCs, thus protecting your respiratory system.

Internal Circulation Filtration

Continuously filters and circulates the air inside the chamber.
(Suitable for ABS, etc.)
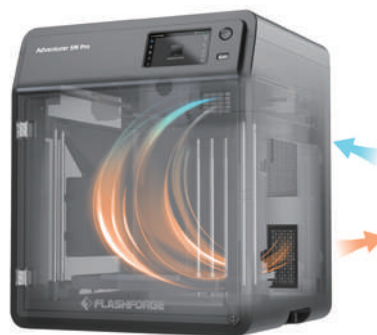
External Circulation Filtration

Draws fresh air from the outside into the chamber while the filtered internal air circulates outside the printer.
(Suitable for PLA/PETG, etc.)

50dB low-noise printing, no disturbance to work or study

(available for Pro version)

Easy-maintenance nozzle for both rookies and experts

Quick-detachable nozzle requires no tools for change in **just 3 seconds**

Various nozzle diameter (0.25/0.4/0.6/0.8mm) options
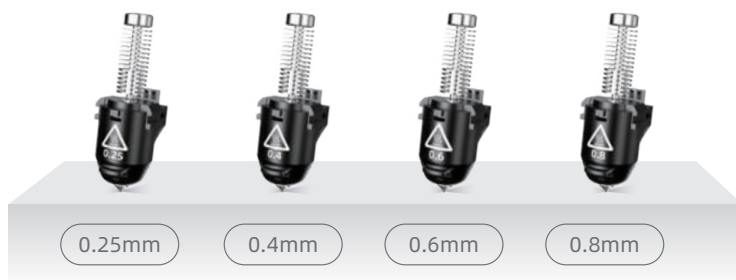**suitable for both high-precision and high-efficiency mode**

| 0.25mm | 0.4mm | 0.6mm | 0.8mm |

Remote Camera Monitoring
available for Pro version

Filament Run-out Reminder

Automatic Shutdown
available for Pro version

Power Loss Recovery

Flexible PEI Steel Plate

Integrated Printing Management

Adventurer 5M Pro

Enclosed 3D printer equipped with a dual filtration system, suitable for use in closed environments such as study rooms and classrooms

Adventurer 5M

Open 3D printer, suitable for use in open and well-ventilated environments

Parameters

Machine Name	Adventurer 5M Pro	Adventurer 5M
Extruder	Direct drive; Qty: 1	Direct drive; Qty: 1
Filament	*PLA/*PETG/*TPU (0.4mm nozzle) ABS/ASA PLA-CF/PETG-CF (0.6/0.8mm nozzle) Note: Materials marked with * are recommended for printing.	*PLA/*PETG/*TPU (0.4mm nozzle) PLA-CF/PETG-CF (0.6mm nozzle) Note: Materials marked with * are recommended for printing.
Nozzle Diameter	0.4mm/0.6mm/0.8mm/0.25mm	0.4mm/0.6mm/0.8mm/0.25mm
Extruder Temperature	280°C	280°C
Platform Temperature	110°C	110°C
Build Volume	220*220*220mm	220*220*220mm
Speed	Maximum extruder speed: 600mm/s	Maximum extruder speed: 600mm/s
Acceleration	Maximum acceleration: 20000mm/s²	Maximum acceleration: 20000mm/s²
Build Plate	Flexible removable PEI steel plate	Flexible removable PEI steel plate
Display Screen	4.3-inch	4.3-inch
Device Size	380*400*453mm (excluding the spool holder)	363*376*413mm (excluding the display screen and spool holder) 363*402*448mm (including the display screen, excluding the spool holder)
Power Supply	AC 100~240V, 50/60Hz, 350W	AC 100~120 / 200~240V, 50/60Hz, 350W
Compatible Slicing Software	FlashPrint/Prusa Slicer/Cura/Orca Slicer	FlashPrint/Prusa Slicer/Cura/Orca Slicer
Air Filtration	Internal circulation + external circulation (HEPA 13 + activated carbon)	/
Shell	Enclosed	Open
Noise	Low-noise mode: 50dB; Standard mode: 55dB	/
Connectivity	Wi-Fi 2.4GHz ; Ethernet; USB	Wi-Fi 2.4GHz ; Ethernet; USB
Other Functions	Camera monitoring; Filament run-out reminder; Automatic shutdown; Power loss recovery	Filament run-out reminder; Power loss recovery