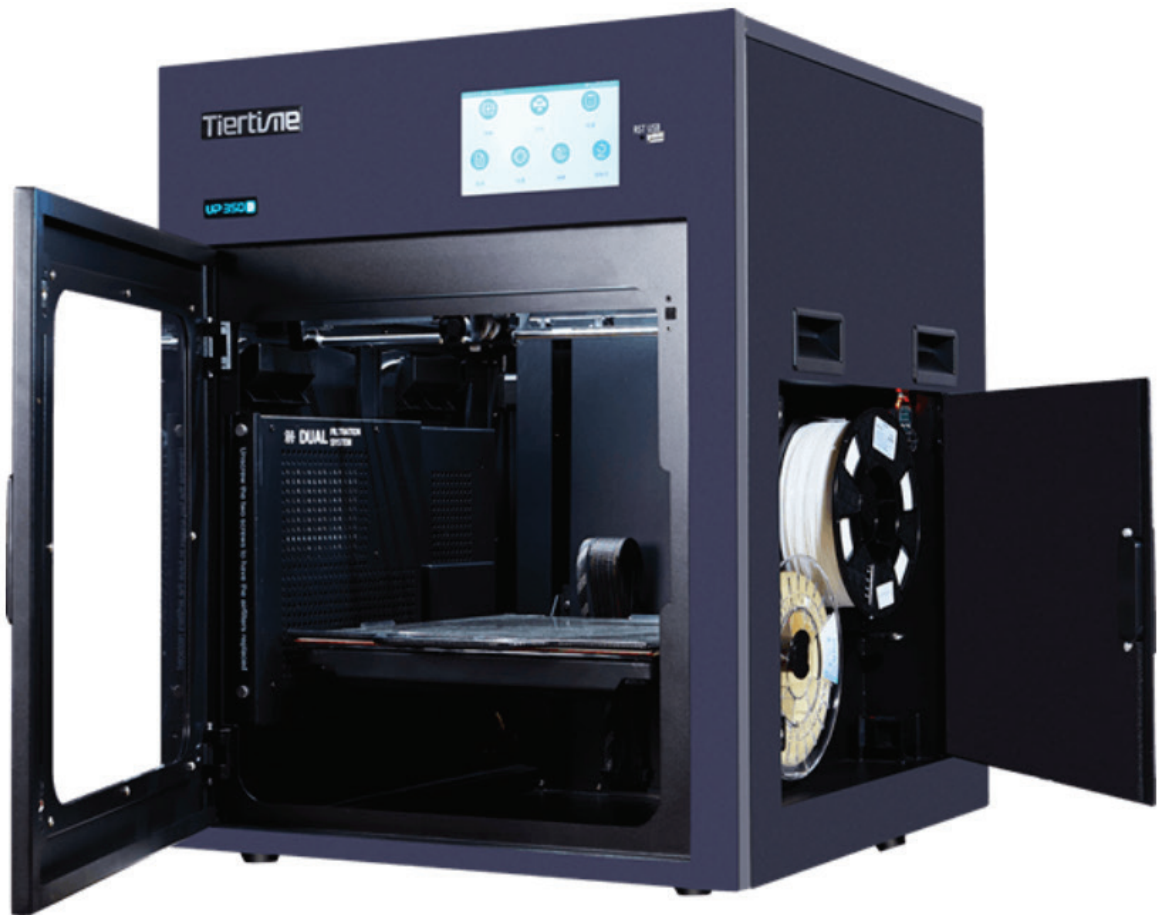


Tiertime

MEET UP WITH THE UP350/UP350D

The UP350 and UP350 Dual are the latest of Tiertime's 3D printers designed with professionals in mind. It offers high precision and standard industrial volume. With a build chamber as big as 350 mm cube, the printer optimizes temperatures of build chamber and filament compartment to achieve the best printing result. Not to mention its innovative bed leveling Mechanism.

UP350D

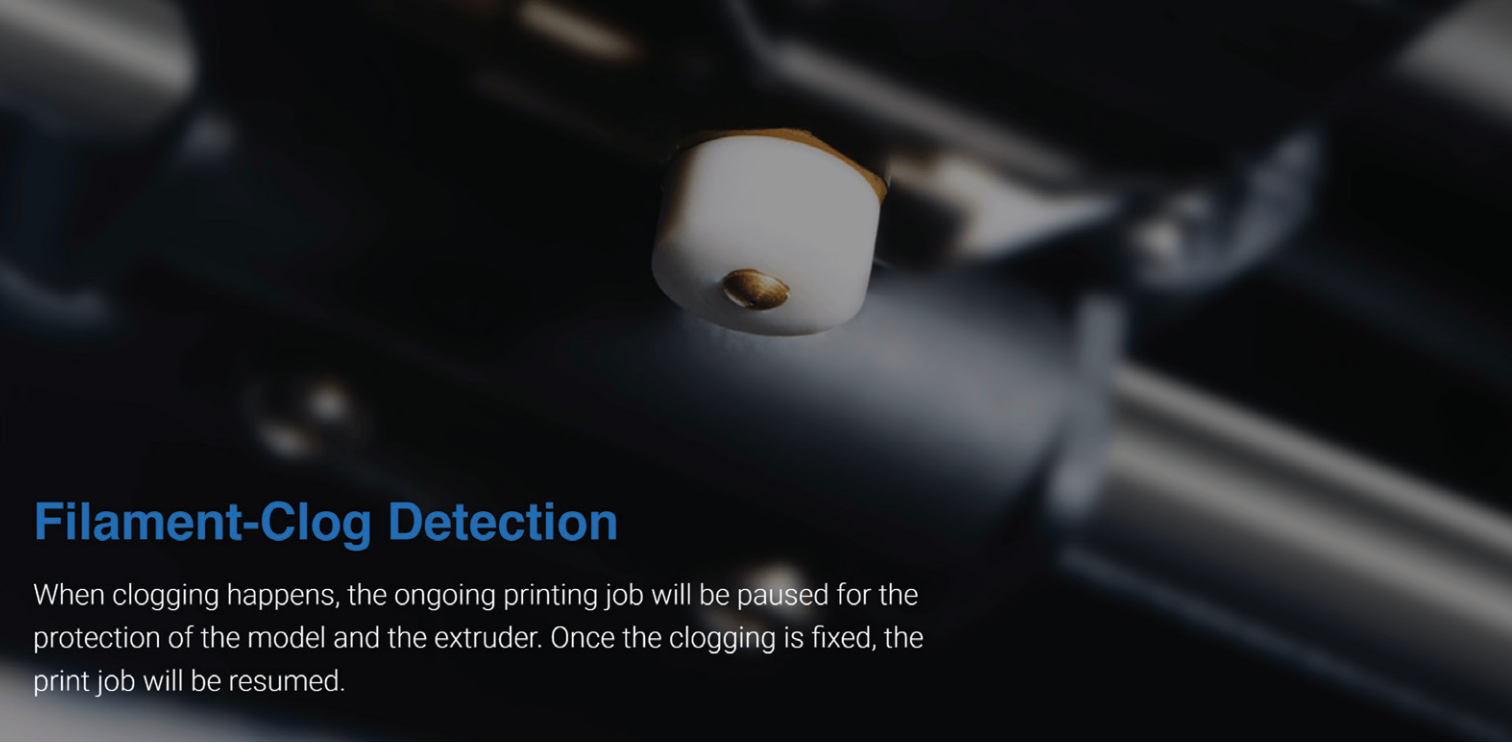


Most Wanted Volume in Industrial Uses



True Auto Calibration based on Load Balancing

The new bed leveling mechanism is based on the concept of load balancing. The calibration does not need human intervention, which is easy to operate and accurate as well.



Filament-Clog Detection

When clogging happens, the ongoing printing job will be paused for the protection of the model and the extruder. Once the clogging is fixed, the print job will be resumed.

Smart Temperature Protection (STP)

The temperature in the build chamber is monitored in real time during printing. When it surpasses the preset temperature, the heater in the filament compartment, and the heater on the build plate will be adjusted by the STP to ensure the temperatures are optimal.



Specifications

Printing technology	FDM (Fused Deposition Modeling)
Extruder	Single and Dual
Nozzle Diameter	0.2mm, 0.4mm, 0.5mm, 0.6mm
Extruder Maximum Temperature	LT < 300 °C, HT < 350°C
Print Head Maximum Travel Speed	200 mm/sec
XYZ Positional Precision	0.03mm, 0.03mm, 0.015mm
Connectivity	USB cable, Wi-Fi, LAN and USB Stick
Display	7 inch Touch Screen (TFT-LCD)
Build Volume	Single : 350 x 350 x 350 mm Dual : 335 x 335 x 350 mm
Printed Object Accuracy	±0.1mm/100mm
Layer Resolution	0.1/0.15/0.2/0.25/0.3/0.35/0.4mm
Calibration/Build Plate Leveling	Automatic (True Touch 2.0)
Build Plate Maximum Temperature	100°C
Print Board (Heated Bed Material)	Flexible Removable Magnetic Plate
Enclosure	Full Heated Chamber
Dual Filtration System	HEPA and Activated carbon filters V2
Supported Materials	ABS, ABS+, PLA , TPU and more
Filament Diameter	1.75mm
Filament Spool Compatibility	500 - 1000g
Power Loss Recovery	Yes
Pause to Change Filament Type	Yes
Out of Filament Detection	Yes (Filament run-out sensor)
Compatible with 3 rd party Materials	Yes

Physical dimensions

Machine Dimensions	625 x 586 x 733 mm (24.6" x 23" x 28.8")
Net Weight	60kg

Power requirements

Input	110-240VAC, 50-60Hz, 360W
Extra USB Input for Add-on	5V, 1A

Software

Software	UP Studio
Supported OS	Windows 7 SP1 or later, Mac OS X, iOS 8.x/9.x
Hardware Requirements	OpenGL 2.0, At least 4GB of RAM
Supported File Formats	up3, .ups, .tsk .stl, .obj, .3mf, .ply, .off, .3ds, .g code
Preview Support Structures	Yes
Editable Support Structures	Yes
Cloud Print Settings	Yes

Standard Accessories

Necessary Cables, Connectors, USB Flash Drive, Trays, Power Cable/Adaptors, User Manual/Troubleshooting Manual in English

Ambient Environment

Operating Ambient Temperatures	0 - 30°C, 0 - 40% RH non
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