Description

Zortrax M200 Plus with Zortrax HEPA Cover

Zortrax HEPA Cover is a filtering device compatible with Zortrax M200 Plus wireless 3D printer. Based on the award winning Zortrax M200, Zortrax M200 Plus has been designed to work in large 3D printing farms. Zortrax HEPA Cover perfectly complements the M200 Plus in this application. Having the two working together, it's possible to maintain higher temperatures inside the printing chamber which significantly reduces shrinkage of ABS-based materials. HEPA filters catch over 99% of 3D printing emissions, including ultra fine particles, while carbon filters work to reduce unpleasant smells to ensure safe and smooth operation of a 3D printing farm.

Worldwide warranty

Thanks to the global warranty and a network of Zortrax partners running service centers around the world, all users are provided with extensive technical support and assistance for each Zortrax device.

Specification

3D PRINTING

DEVICE

Build volume	
200 x 200 x 180 mm (7.9 x 7.9 x 7.1 in)	
Nozzle diameter	
0.4 mm (0.016 in) – standard	
0.3 mm (0.012 in)	
0.6 mm (0.024 in)	
Extruder	
Single (compatible with demanding materials like TPU or nylon)	
Extruder cooling system	
Radial fan cooling the extruder block	
Hotend	
Single, V3	
Platform	
Heated	
Material endstop	
Mechanical	
Connectivity	
Wi-Fi	
USB	
Ethernet	
Operating system	

Android	
	Processor
Quad Core	
	Touchscreen
4" IPS 800 x 480	
	Camera
Yes	

FILAMENTS

	Available Filaments
Z-ABS, Z-ABS 2, Z-ASA Pro, Z-ESD, Z-FLEX, Z-GLASS, Z-HIPS, Z-NYLON, Z-PCABS, Z-PETG, Z-PLA, Z-PLA Pro, Z-ULTRAT	
	External materials
Applicable	
	Support
Mechanically removed – printed with the same material as the model	
	Filament container
Spool	
	Filament diameter
1.75 mm (0.069 in)	

PRINTING

	Technology
LPD (Layer Plastic Deposition) – depositing melted material layer by layer onto the build platform	
	Layer resolution
90-140 microns (for 0.3 mm / 0.012 in nozzle) 90-390 microns (for 0.4 mm / 0.016 in nozzle) 300-400 microns (for 0.6 mm / 0.024 in nozzle)	
	Minimal wall thickness
450 microns (for 0.4 mm / 0.016 in nozzle)	
	Platform levelling
Automatic or manual measurement of platform points' height	

TEMPERATURE

	Maximum printing temperature (extruder)
290 °C (554 °F)	
	Maximum platform temperature
105 °C (221 °F)	
	Ambient operation temperature
20-30 °C (68-86 °F)	
	Storage temperature
0-35 °C (32-95 °F)	

ELECTRICAL

	AC Input
110V ~ 5.9 A 50/60 Hz 240V ~ 2.5 A 50/60 Hz	
	Maximum power consumption
320 W	

SOFTWARE

	Software bundle
Z-SUITE	
	Supported input file types
.stl, obj, .dxf, .3mf, .ply	
	Supported operating system

Mac OS Catalina and newer versions
Windows 7 and newer versions

IN THE BOX

3D Printer, Hotend V3, Side Covers, Z-SUITE, Starter Kit, Material Spool, Spool Holder, USB Memory Stick

ADDITIONAL INFORMATION

All information contained in this brochure and specification is subject to change without notice. Each delivered printer may have worked up to 90 hours during the quality control test prints.

HEPA COVER

ELECTRICAL

	AC input
100 - 240 V ~ 0.7 A 50/60 Hz	
	Power supply parameters
12 V DC, 0.5 A (min)	
	Maximum power consumption
6 W	

FILTRATION

	Odor reduction filter
Carbon	
	Particle reduction filter
HEPA	
	Filtration efficiency
99.5%	

WEIGHT AND PHYSICAL DIMENSIONS

	Without filtering module (W x D x H)
368 x 357 x 230 mm (14.5 x 14.1 x 9.1 in)	
	With filtering module (W x D x H)
426 x 357 x 230 mm (16.8 x 14.1 x 9.1 in)	
	Box dimensions
405 x 380 x 255 mm (15.9 x 15 x 10 in)	
	Device weight
1.95 kg (4.3 lb)	
	Total weight of the box
3,35 kg (7.4 Ibs)	

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