



Essentium HSE 240 HT Dual Extruder 3D Printer Specifications

Printer Dimensions	1168 x 795 x 1687 mm	Throughput	125 g/hr
Weight	452 kg	Electrical Requirements	200-240VAC, 50-60 Hz Single Phase 16 A circuit
# of Print Heads	1	Maximum Power Consumption	3.8 kW
# of Extruders	2	Filament Diameter	1.75 mm
Print Modes	Single Head Printing, Support Material, Multi Material	Auto Spool Switching	Yes
Build Volume	430 x 350 x 375 mm	Chamber Type	Enclosed
Nozzle Diameter	.4 and .8 mm	Heating Type	Convection
Hozzle Heated Nozzle	Hozzle 240 Gen I	Maximum Bed Plate Temperature	up to 190 C
Max Nozzle Temperature	550 C	Maximum Build Chamber Temperature	up to 185 C
Layer Heights	.1 -.55 mm	Scrubber Ready?	Not required
Position Accuracy	XY < 30 µm, Z < 5µm	Build Plate Placement	Magnetic
Motion System Accuracy	0.081 mm @70 mm/s and 0.091 mm @300 mm/s	Build Plate Materials	PEI powder coat for HT PEI film for LT
Part Accuracy	.15% or 0.25 mm (whichever is larger)	Camera Included?	Yes
Encoder Accuracy	1 µm	Machine Interface	19" High resolution touchscreen
Part Speed	375 mm/s		