

### SM-3DPRO2020

High performance materials 3D printing machine



#### CORE PARAMETERS

Large build volume	310*310*480 mm
High printing temperature	Up to 450°C
High Chamber temperature	Up to 120°C
Build Plate Temperature	Up to 130°C

#### CORE FUNCTIONS

- Detachable liquid cooled double print head
- Power failure recovery
- Filament absent warning
- WiFi Control (cell phone control)
- Liquid cooling system

Materials	Printable Materials	PEEK ULTEM PPSU PEAK PEKK PC PA Carbon Fiber PETG TPU,etc.
	Filament diameter	1.75 mm (Open material system, Compatible with 3rd party filaments)
Build volume	Print size(xyz)	310 x 310 x 480 mm ( 12.2 x 12.2 x 18.8 inches )
Temperature	Max extruder temperature	842 °F / 450°C
	Max chamber temperature	248 °F / 120°C
	Max hot bed temperature	266°F / 130°C
3D Printer & printing properties	Layer resolution	50 Microns
	Position Accuracy	X/Y12.5 Microns Z:1.25 Microns
	Feeder system	Direct, Near end extrusion
	Extruder type	Dual , detachable
	Nozzle size	Standard 0.4 mm ,optional 0.2/0.6/0.8 mm
	Max print speed	150 mm/s
	Frame	Metal , glass
	Closed print chamber	Yes, fully enclosed
	Bed leveling	Semiautomatic
	Print bed	High viscosity fiberboard
	Display	5 inches full color touch screen
	Firmware	Open-source
	Connectivity	USB / SD Card / Wi-Fi ( cell phone)
	Temperature controlled print chamber	YES
Requirements	Slicing	Cura , IEMAI 3D ,Simplify 3D, Compatible with other
	Operating system(s)	Windows
Dimensions and weight	Machine dimensions (xyz)	702*624*1580 mm ( 27.6 * 24.5 * 62.6 inches)
	Packing dimensions (xyz)	780*690*980*2 mm ( 30.7 *27.1 * 38.5*2 inches)
	Net Weight	238KG
	Packing Weight	260 KG