

MP20

Desktop 3D Printer

- Advanced software
- Enclosed chamber



Automatic
calibration



All-metal
hotend



Air filtration
& circulation



Status
notifications



High
precision



Touch screen
interface

EXTRUSION SYSTEM

Single-nozzle bowden
All-metal hotend and feeder
Extrusion temperature up to 300 °C
Included nozzle: 0.4 mm

BUILD CHAMBER

Enclosed chamber
Build volume: 0200 mm x 200 mm
Round glass printbed
Printbed heating up to 120 °C

SOFTWARE



FabControl®

Device control and management

MP20

Desktop 3D Printer

Printer

Technology: Fused Filament Fabrication (FFF)
Build volume (d x h): 0200 mm x 200 mm, cylindric
Motion system: precision linear guideways
Maximum printhead travel speed: 250 mm/s
Positioning accuracy: 6 micron
Ultimate layer resolution: 50 micron
Electronics: 32-bit
Firmware: open-source Repetier-Firmware Remote
Monitoring: built-in HD camera (optionally)
Connectivity: USB 2.0 and Ethernet jacks, Wi-Fi
Automation ready: yes (software interfaces)

Chamber

Build chamber: enclosed
Build chamber door: polycarbonate
Build chamber illumination: yes

Build plate

Type: glass plate
Temperature up to 120 °C
Heatup time: 5 min

Power requirements

Max: 465 W

Regulatory compliance

CE, WEEE

Safety

Air filtering: air & active carbon filters
Overheating protection: yes

Printer size

Dimensions (w x d x h):
340 mm x 370 mm x 641 mm
340 mm x 390 mm x 641 mm (with spool holder)
Weight: 22.5 kg
Shipping dimensions (w x d x h):
400 mm x 400 mm x 760 mm
Shipping weight: 30 kg

Ambient conditions

Operating ambient temperature: 15-35 °C, 10-90 % RH

Software

Supplied software:

FabControl® (printing, drying profile
management software)
FabControl® Embedded (device control
software)

Supported 3D models file format : .stl, .obj, .3mf
Supported print file format: .gcode (up to
150MB)