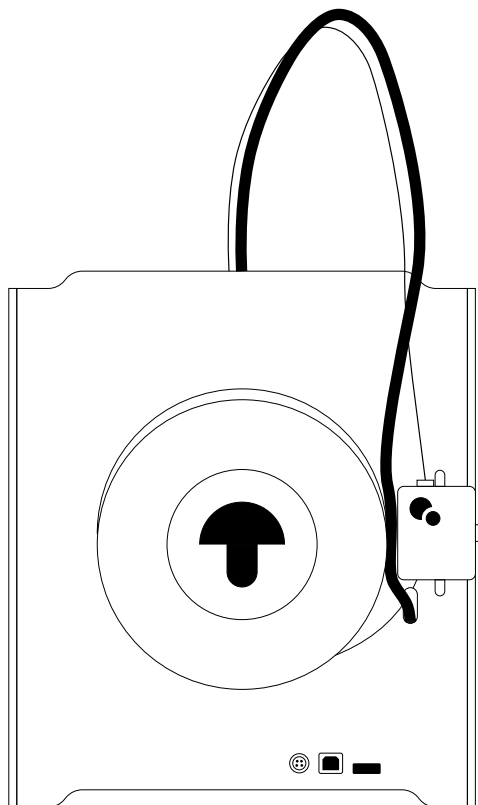
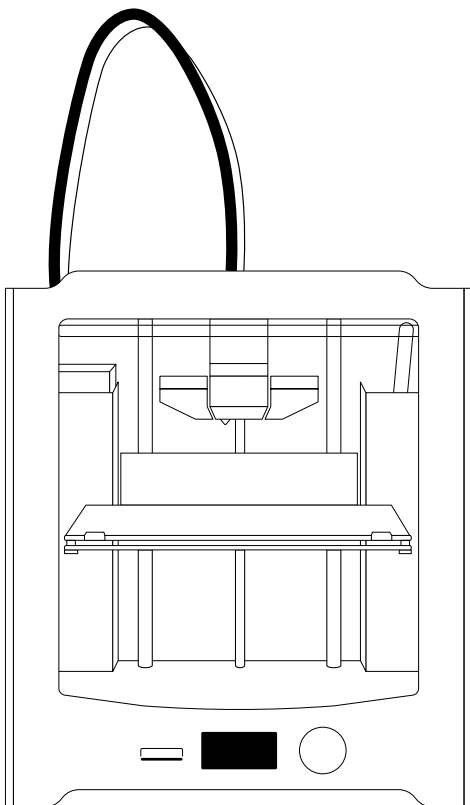


Ultimaker 2+

Specification sheet



Specifications

Printer and printing properties

Technology	Fused Deposition Modeling (FDM)
Print head	Swappable nozzle
Build volume	223 x 223 x 205 mm
Filament diameter	2.85 mm
Layer resolution	0.25 mm nozzle: 150 to 60 micron 0.40 mm nozzle: 200 to 20 micron 0.60 mm nozzle: 400 to 20 micron 0.80 mm nozzle: 600 to 20 micron
XYZ accuracy	12.5, 12.5, 5 micron
Print head travel speed	30 to 300 mm/s
Build speed	0.25 mm nozzle: up to 8 mm ³ /s 0.40 mm nozzle: up to 16 mm ³ /s 0.60 mm nozzle: up to 23 mm ³ /s 0.80 mm nozzle: up to 24 mm ³ /s
Build plate	Heated glass build plate
Build plate temperature	50 to 100 °C
Build plate leveling	Assisted leveling process
Supported materials	PLA, ABS, CPE, CPE+, PC, Nylon, TPU 95A
Nozzle diameter	Included are 0.25, 0.4, 0.6 and 0.8 mm nozzles
Nozzle temperature	180 to 260 °C
Nozzle heat up time	~ 1 minute
Build plate heat up time	< 4 minutes
Operating sound	50 dBA
Connectivity	Standalone 3D printing from SD card (included)

Physical dimensions

Dimensions	342 x 357 x 388 mm
Dimensions (with bowden tube and spool holder)	342 x 493 x 588 mm
Nett weight	11,3 kg
Shipping weight	18,5 kg
Shipping box dimensions	390 x 400 x 565 mm

Power requirements

Input	100 - 240V 4A, 50-60Hz 221 W max.
Output	24 V DC, 9.2 A

Ambient conditions

Operating ambient temperature	15 - 32 °C See material specifications for optimal conditions
Nonoperating temperature	0 - 32 °C

Software

Supplied software	Cura, our free print preparation software
Supported OS	macOS, Windows and Linux
File types	STL, OBJ and AMF