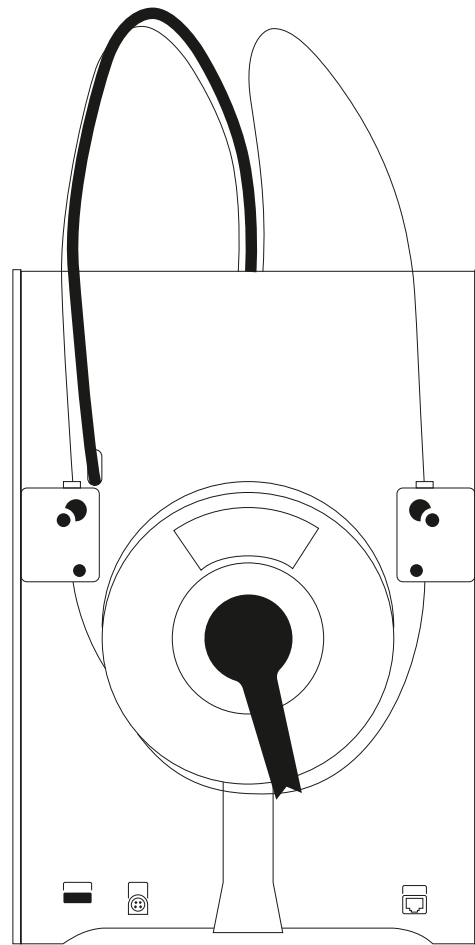
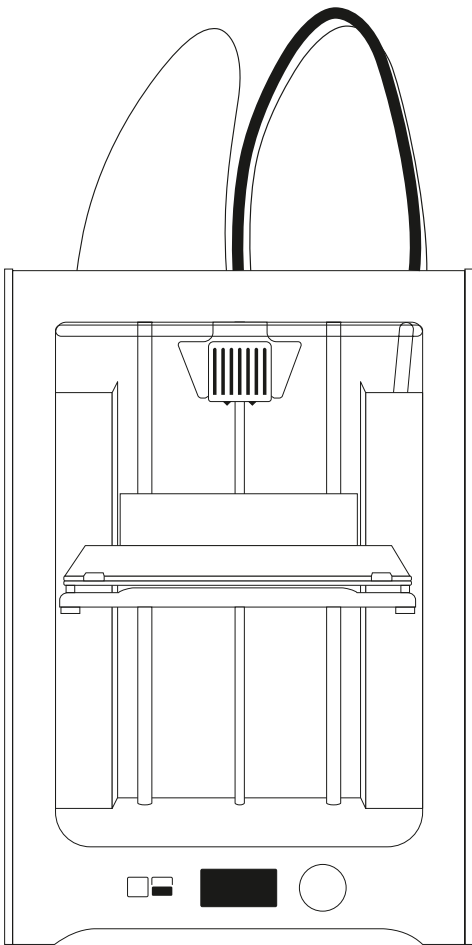


Ultimaker 3 Extended

Specification sheet



Specifications

Printer and printing properties

Technology

Print head

Build volume

Filament diameter

Layer resolution

XYZ accuracy

Print head travel speed

Build speed

Build plate

Build plate temperature

Build plate leveling

Supported materials

Nozzle diameter

Nozzle temperature

Nozzle heat up time

Build plate heat up time

Operating sound

Material recognition

Connectivity

Monitoring

Fused Deposition Modeling (FDM)

Dual extrusion print head with a unique auto-nozzle lifting system and swappable print cores

Left nozzle: 215 x 215 x 300 mm

Right nozzle: 215 x 215 x 300 mm

Dual material: 197 x 215 x 300 mm

2.85 mm

0.4 mm nozzle: 20 - 200 micron

12.5, 12.5, 2.5 micron

30 - 300 mm/s

0.40 nozzle: up to 16 mm³/s

Heated glass build plate

20 - 100 °C

Active leveling

Nylon, PLA, ABS, CPE, PVA

0.4 mm

180 - 280 °C

< 2 min

< 4 min (20 - > 60 °C)

50 dBA

Material recognition with NFC scanner

Wi-Fi, LAN, USB port

Live camera

Physical dimensions

Dimensions

Dimensions (with bowden tube and spool holder)

Nett weight

Shipping weight

Shipping box dimensions

342 x 380 x 489 mm

342 x 505 x 688 mm

11,3 kg

16,8 kg

390 x 400 x 680 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, 10 - 90% RH non condensing

See material specifications for optimal conditions

Nonoperating temperature

0 - 32 °C

Software

Supplied software

Supported OS

File types

Cura, our free print preparation software

macOS, Windows and Linux

STL, OBJ and 3MF