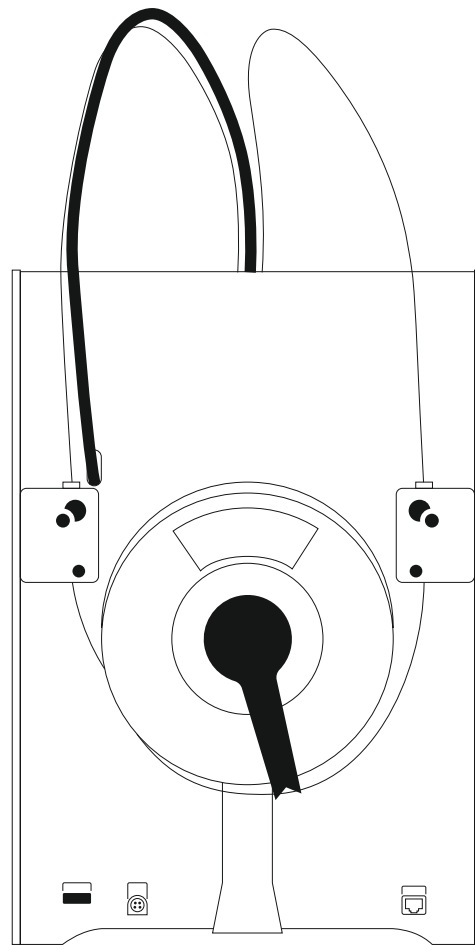
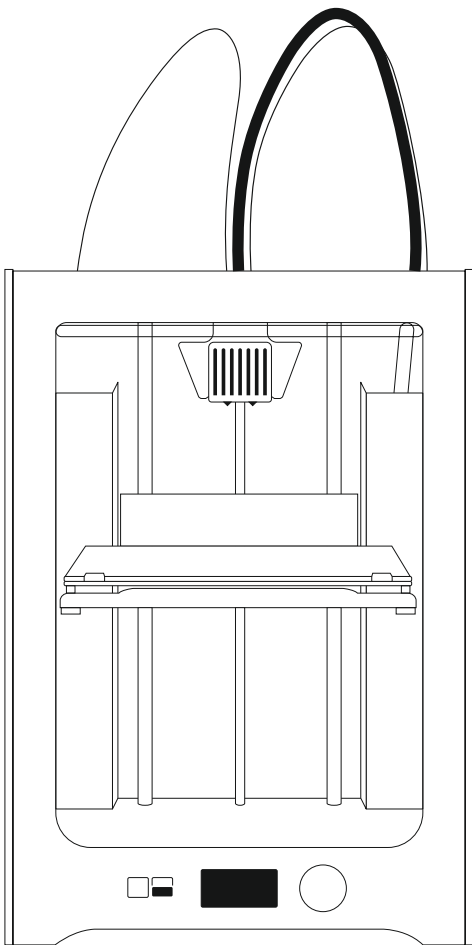


Ultimaker 3 Extended

Specification sheet



Specifications

Printer and printing properties

Technology	Fused Deposition Modeling (FDM)
Print head	Dual extrusion print head with a unique auto-nozzle lifting system and swappable print cores
Build volume	Left nozzle: 215 x 215 x 300 mm Right nozzle: 215 x 215 x 300 mm Dual material: 197 x 215 x 300 mm
Filament diameter	2.85 mm
Layer resolution	0.4 mm nozzle: 20 - 200 micron
XYZ accuracy	12.5, 12.5, 2.5 micron
Print head travel speed	30 - 300 mm/s
Build speed	0.40 nozzle: up to 16 mm ³ /s
Build plate	Heated glass build plate
Build plate temperature	20 - 100 °C
Build plate leveling	Active leveling
Supported materials	Nylon, PLA, ABS, CPE, PVA
Nozzle diameter	0.4 mm
Nozzle temperature	180 - 280 °C
Nozzle heat up time	< 2 min
Build plate heat up time	< 4 min (20 - > 60 °C)
Operating sound	50 dBA
Material recognition	Material recognition with NFC scanner
Connectivity	Wi-Fi, LAN, USB port
Monitoring	Live camera

Physical dimensions

Dimensions	342 x 380 x 489 mm
Dimensions (with bowden tube and spool holder)	342 x 505 x 688 mm
Nett weight	10,6 kg
Shipping weight	15,5 kg
Shipping box dimensions	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	Cura, our free print preparation software
Supported OS	macOS, Windows and Linux
File types	STL, OBJ and 3MF