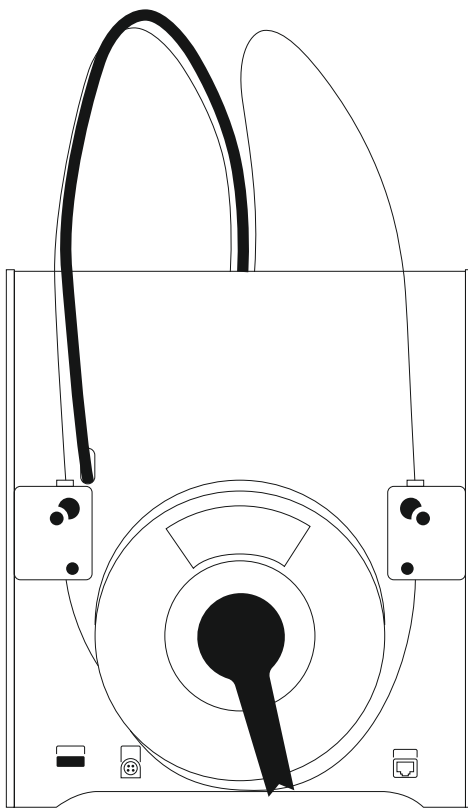
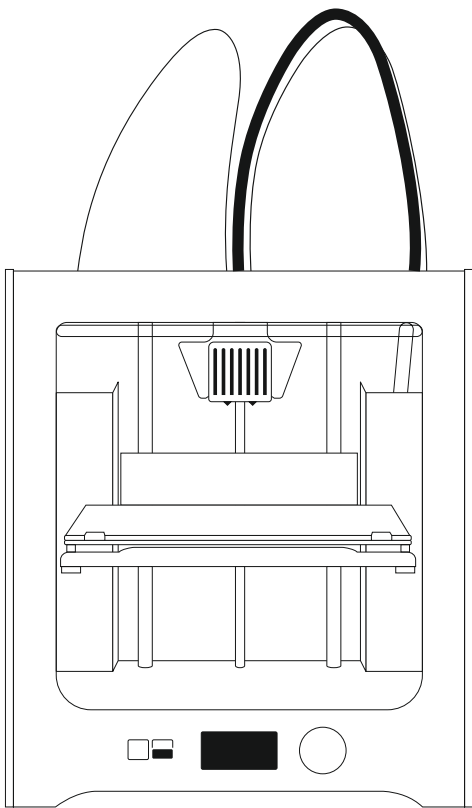


Ultimaker 3

Specification sheet



Specifications

Printer and printing properties

Technology	Fused deposition modeling (FDM)
Print head	Dual-extrusion print head with an auto-nozzle lifting system and swappable print cores
	Left nozzle: 215 x 215 x 200 mm
	Right nozzle: 215 x 215 x 200 mm
Build volume	Dual material: 197 x 215 x 200 mm
	2.85 mm
Filament diameter	0.4 mm nozzle: 200 - 20 micron
Layer resolution	12.5, 12.5, 2.5 micron
XYZ accuracy	30 - 300 mm/s
Print head travel speed	0.40 mm nozzle: up to 16 mm ³ /s
Build speed	Heated glass build plate
Build plate	20 - 100 °C
Build plate temperature	Active leveling
Build plate leveling	Nylon, PLA, ABS, CPE, CPE+, PC, TPU95A, PP, PVA
Supported materials	0.40 mm, 0.80 mm
Nozzle diameter	180 - 280 °C
Nozzle temperature	< 2 min
Nozzle heat up time	< 4 min (20 - > 60 °C)
Build plate heat up time	50 dBA
Operating sound	Material recognition with NFC scanner
Material recognition	Wi-Fi, LAN, USB port
Connectivity	Live camera
Monitoring	

Physical dimensions

Dimensions	342 x 380 x 389 mm
Dimensions (with bowden tube and spool holder)	342 x 505 x 588 mm
Nett weight	10,6 kg
Shipping weight	15,5 kg
Shipping box dimensions	400 x 395 x 590 mm

Power requirements

Input	100 - 240 V
	4 A, 50 - 60 Hz
	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
Non-operating temperature	0 - 32 °C

Software

Supplied software	Cura, our free print preparation software
Supported OS	MacOS, Windows, and Linux
File types	STL, OBJ, X3D, and 3MF
	G and GCODE
	BMP, GIF, JPG, and PNG