



UltiMaker Method XL

Product data sheet



Best-in-class reliability

The UltiMaker Method series: Reliable 3D printers, production-grade materials, and a connected 3D printing software ecosystem that scales with your business.

Precision printing. Industrial Scale.

The Method XL bridges the gap between desktop and industrial printers, providing a perfect fusion of accessibility and performance. Meticulously engineered to create large, accurate parts, this groundbreaking 3D printer utilizes industrial-grade materials that match the precision of industrial production. With its expansive build volume, exceptional dimensional accuracy, and temperature-controlled build chamber, the Method XL can create durable and complex parts with ease.

- ✓ **Extra large build volume:** Print large engineering parts with ease
- ✓ **Precise temperature control:** Both the heated build plate and the actively heated build chamber combine to create a stable environment for printing accurate parts of any size.
- ✓ **Integrated air filters:** Exhaust air from the Method XL passes through both HEPA and carbon filters
- ✓ **5-in-1 modular extruders:** Quickly change between material groups, preventing cross-contamination
- ✓ **Water-soluble supports:** Print manufacturing tools and production parts to spec with ABS and a game-changing water-soluble support material that dissolves quickly and easily in tap water
- ✓ **Ultra-rigid metal frame:** A structurally-optimized metal frame runs the full length of the body to offset flexing. Less flexing means more consistent prints with better part accuracy and fewer failures

The UltiMaker platform



3D printers that simply work

Our award-winning 3D printers are robust, reliable, and easy to use. They deliver quality parts time and again. Designed and tested to run 24/7, they allow you to achieve the results you need more quickly and easily.



Software for Industry 4.0

Trusted by millions of users across 14 languages, UltiMaker Cura integrates with any workflow through UltiMaker Marketplace plugins. Scale production and digital distribution with UltiMaker Digital Factory.



Engineering grade materials

Print manufacturing tools and production parts to spec with real manufacturing-grade materials.



Success-oriented support

Wherever you are in the world, UltiMaker support is close by. Our global network of service partners offer professional installation, training, and maintenance in your language and time zone.

UltiMaker Method XL specifications

Technology	Fused deposition modeling (FDM)
Print head	Dual-extrusion print head with swappable extruders
Build volume (XYZ)	Dual extrusion 305 x 305 x 320 mm (12 x 12 x 12.6 in)
Layer resolution	0.40 mm nozzle: 400 - 100 micron
Dimensional accuracy	+/- 0.2mm or +/- .002mm per mm of travel (whichever is greater)*
XYZ resolution	11.25 micron for XY, 0.625 micron for Z
Max chamber temp	100 °C
Build plate	Flexible build plate, heated up to 105 °C
Integrated air filters	HEPA and carbon filters
Nozzle diameter	0.4 mm
Filament diameter	1.75 mm
Operating sound	57.1 +/- 3 dB
Connectivity	Wi-Fi (2.4GHz + 5GHz), LAN, USB port
Dimensions	Printer: W 655 x D 565 x H 815 mm (W 25.8 x D 22.2 x H 32.1 in) Material case: W 223 x D 328 x H 319 mm (W 8.8 x D 12.9 x H 12.6 in)
Net weight	Printer: 56.5 kg (125 lb) Material case: 1.9 kg (4.2 lb)
Free supplied software	CloudPrint
Supported OS	MacOS, Windows, and Linux
Warranty period	12 months

*Based on internal testing of selected geometries.

Compatible accessories



The right extruder for the right material
Extruders optimized for specific materials.
Including composites and support materials.
Plus, unlock third-party materials using
the Labs open material extruder.

Compatible materials

UltiMaker ABS-R
Engineering-grade ABS
that is as easy to print
as PLA

UltiMaker RapidRinse
Water-soluble support
material that enables
you to print complex
parts with ease

UltiMaker ABS-CF
The performance of
carbon fiber combined
with the reliability
of ABS-R.

Third-party materials

- Polymaker
Polymax™ PC
- Luvocom 3F PAHT®
CF 9891
- JABIL TPE SEBS 95A

