

UltiMaker S7

Product data sheet



Best-in-class reliability

We took everything our users loved about the award-winning UltiMaker S5, and we made it even better. The UltiMaker S7 can be trusted to do its job, giving you the freedom to do yours. The inductive sensor-enabled bed leveling of the S7 ensures a perfect first layer and the integrated Air Manager maintains the build volume at an optimally regulated temperature. Additionally, run-out and fan bracket sensors will pause your print and notify you if you run out of filament or if there is a clog that causes your print head to flood.

Ultimate connectivity

The UltiMaker S7 is your gateway to the entire UltiMaker platform. Access all the tools you need to start 3D printing. Manage and monitor your prints securely with the UltiMaker Digital Factory, improve your 3D printing knowledge with e-learning courses on the UltiMaker Academy, and choose from hundreds of materials and plugins using the UltiMaker Marketplace.

- ✓ **Easy setup and monitoring:** Start printing quickly with a simple first-time user experience. Including NFC material recognition and a high-resolution internal camera
- ✓ **Access to the UltiMaker platform:** Seamless integration with the extensive UltiMaker platform. Including software, materials, and hardware
- ✓ **Environmental control:** The integrated air manager filters out up to 95% of UFPs while also keeping the build chamber temperature carefully regulated
- ✓ **Advanced active leveling:** Use almost any material with our open filament system, including composites
- ✓ **Wide material choice:** Use almost any material with our open filament system, including composites
- ✓ **Large build volume:** Scale up with bigger parts or batch production
- ✓ **Flexible build plate:** The PEI-coated build plate makes for reliable print adhesion and removal.

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.



Massive material selection

The UltiMaker S series offers the widest material choice on the market. Through our Material Alliance, choose the perfect filament for your application – from advanced polymers to carbon fiber composites.



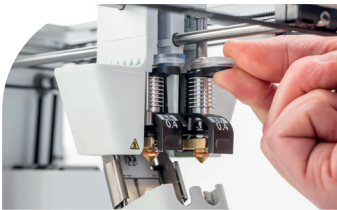
Success-oriented support

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 S7 specifications

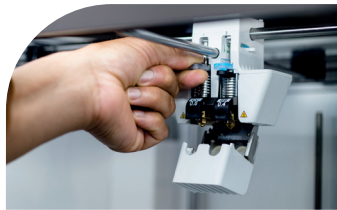
Technology	Fused deposition modeling (FDM)
Print head	Dual-extrusion print head with a unique auto-nozzle lifting system and swappable print cores
Build volume (XYZ)	330 x 240 x 300 mm (13 x 9.4 x 11.8 in)
Layer resolution	0.25 mm nozzle: 150 - 60 micron 0.4 mm nozzle: 200 - 20 micron 0.6 mm nozzle: 300 - 20 micron 0.8 mm nozzle: 600 - 20 micron
XYZ resolution	6.9, 6.9, 2.5 micron
Build speed	< 24 mm ³ /s
Build plate	PEI-coated flexible build plate (20 - 140 °C)
Air Manager	EPA filter - Independently tested according to UL2904 (Standard Method for Testing and Assessing Particle and Chemical Emissions from 3D Printers) with UltiMaker materials and corresponding Cura print profiles.
Nozzle diameter	0.4 mm (included), 0.25 mm, 0.6 mm, 0.8 mm (sold separately)
Filament diameter	2.85 mm
Operating sound	< 51 dBA
Connectivity	Wi-Fi (2.4GHz + 5GHz), LAN, USB port
Dimensions (with spool holder)	W 495 x D 585 x H 800 mm (W 19.5 x D 23 x H 31,5 in)
Net weight	29.1 kg (64.2 lbs)
Free supplied software	UltiMaker Personal (for individuals) UltiMaker Essentials (for organizations) Find our full range of enterprise plans at ultimaker.com/software
Supported OS	MacOS, Windows, and Linux
Warranty period	12 months

Compatible accessories



Print core BB

Quick-swap nozzles for water-soluble support materials. Available in 0.4 and 0.8 mm



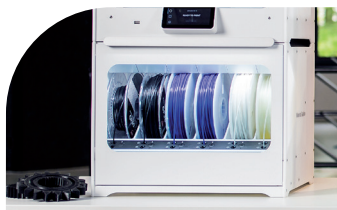
Print core CC

Hardened steel nozzle for composites and other abrasives. Available in 0.4 and 0.6 mm



PVA Removal Station

Remove water-soluble PVA support material up to 4X faster



Material Station

Simplify and automate material handling

Compatible materials

Easy to print

- UltiMaker PLA
- UltiMaker Tough PLA
- UltiMaker PETG

Mechanical strength

- UltiMaker ABS
- UltiMaker PC
- UltiMaker CPE

Flexibility

- UltiMaker TPU 95A
- DuPont™ Hytrel® 3D4100FL

Reinforced composites

- BASF Forward AM
- XSTRAND GF30-PA6
- Covestro Addigy® F1030 FR

Heat resistance

- UltiMaker CPE+
- Lehvoss LUVOCOM 3F PAHT® 9825 NT
- Lehvoss LUVOCOM 3F PAHT® 9826 NT

