

## UltiMaker 3D printers Comparison sheet







✓ Wide material selection

✓ Filters up to 95% of UFPs\*

✓ PEI-coated flexible build plate ✓



	UltiMaker S3	UltiMaker S5	UltiMaker S7	UltiMaker S7 Pro Bundle
	Professionalize your desktop 3D printing workflow.	Reliable, versatile desktop 3D printing – at scale.	Achieve a new level of print success.	Unlock true 24/7 3D printing with automatic material handling and storage.
Product overview	The UltiMaker S3 is as easy to use as it is powerful, offering the most cost-effective way for disruptive businesses to adopt in-house 3D printing	The UltiMaker S5 is a 3D printing workhorse for larger parts and bigger batch production with the widest choice of materials.	Packed with our latest tech, the UltiMaker S7 takes the huge material selection of the S5 and adds increased reliability and usability.	The UltiMaker S7 Pro Bundle offers best-in-class reliability and usability with the freedom to run your printer unattended day and night with automatic material switching.
Applications	Concept models, visual and functional prototypes.	Concept models, visual and functional prototypes, manufacturing aids.	Concept models, visual and functional prototypes, manufacturing aids.	Concept models, visual and functional prototypes, manufacturing aids.
Key features	<ul><li>Network connectivity</li><li>Advanced active leveling</li><li>Material flow sensor</li></ul>	<ul><li>Network connectivity</li><li>Advanced active leveling</li><li>Material flow sensor</li></ul>	<ul><li>✓ Network connectivity</li><li>✓ Inductive sensor bed leveling</li><li>✓ Material flow sensor</li></ul>	<ul> <li>Network connectivity</li> <li>Inductive sensor bed leveling</li> <li>Material flow sensor</li> </ul>

✓ Wide material selection



✓ Wide material selection

✓ Filters up to 95% of UFPs\* ✓ Automatic material switching

PEI-coated flexible build plate

✓ Wide material selection











	UltiMaker S3	UltiMaker S5	UltiMaker S7	UltiMaker S7 Pro Bundle
Heated build plate	<b>✓</b>	✓	✓	✓
Open filament system	<b>✓</b>	$\checkmark$	$\checkmark$	$\checkmark$
Network connectivity	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$
UltiMaker Digital Factory	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$
Touchscreen	$\checkmark$	$\checkmark$	<b>✓</b>	$\checkmark$
Dual extrusion	$\checkmark$	$\checkmark$	<b>✓</b>	$\checkmark$
Swappable print cores	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$
NFC material recognition	<b>✓</b>	$\checkmark$	$\checkmark$	$\checkmark$
Filament run out sensor	<b>✓</b>	$\checkmark$	$\checkmark$	$\checkmark$
Composite materials <sup>1</sup>	<b>✓</b>	$\checkmark$	$\checkmark$	$\checkmark$
Advanced active leveling	<b>✓</b>	$\checkmark$	$\checkmark$	$\checkmark$
Internal print-monitoring camera <sup>2</sup>	$\checkmark$	$\checkmark$	<b>✓</b>	$\checkmark$
Larger build volume		$\checkmark$	$\checkmark$	$\checkmark$
UFP filtering³			$\checkmark$	$\checkmark$
Inductive sensor-aided active bed leveling			$\checkmark$	$\checkmark$
PEI coated flexible build plate			✓	<b>✓</b>
Print head anti-flood sensor			<u> </u>	<u></u>
Bed tilt compensation			<u> </u>	<u> </u>
Easy material loading				<u></u>
Filament humidity control				<u></u>
Automatic material switching				·

Note: Metal materials are not compatible with the UltiMaker Material Station of UltiMaker S5 Pro Bundle and UltiMaker S7 Pro Bundle. UltiMaker S7 currently does not support UltiMaker Metal Expansion Kit. UltiMaker Metal Expansion Kit is not available in Australia until further notice.

<sup>1</sup> Requires print core CC (sold separately).

<sup>2</sup> Only UltiMaker S7 has a high-def print monitoring camera. UltiMaker S3 and UltiMaker S5 use standard definition cameras.

<sup>3</sup> Filters up to 95% of UFPs (ultrafine particles). \*Tested by Fraunhofer WKI. Only including UltiMaker materials.





Material compatibility









## UltiMaker S3

UltiMaker build and

- support materialsAny compatible third-party material
- Plus, access material profiles from leading brands via the UltiMaker Marketplace

UltiMaker S5

- UltiMaker build and support materials
- Any compatible third-party material
- Plus, access material profiles from leading brands via the UltiMaker Marketplace

UltiMaker S7

- UltiMaker build and support materials
- Any compatible third-party material
- Plus, access material profiles from leading brands via the UltiMaker Marketplace

UltiMaker S7 Pro Bundle

- UltiMaker build and support materials
- Any compatible third-party material
- Plus, access material profiles from leading brands via the UltiMaker Marketplace

Software

Our 3D printers come with an UltiMaker Essentials software plan, so you can prepare prints and manage printers via the cloud while also getting direct software support when you need it. Add more features and support with an UltiMaker Professional or Excellence subscription.

Learning

UltiMaker Essentials gives access to our 3D Printing Academy. Onboard and upskill engineers, operators, and IT admins with tailored e-learning courses by our experts. Unlock advanced course levels with an UltiMaker Professional or Excellence subscription.



Request a quote today at <u>ultimaker.com/quote/request</u>