

Print removal easier than ever: **New Dremel DigiLab 3D40 Flex** Particularly fast results for rapid prototyping

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- ▶ Particularly easy and safe removal of objects thanks to flexible build platform
- ▶ Faster printing of up to 30 percent in new “high speed mode”
- ▶ Improved print resolution

With the DigiLab 3D40 Flex, Dremel has made 3D printing even easier and more efficient – enabling printing novices and printing experts alike to realize creative ideas in a wide range of colors and shapes. The new simplified operating concept of the DigiLab 3D40 Flex incorporates a flexible metal build platform, which is particularly useful for newcomers and students in 3D printing. When printing for your own creative project or for a school project, for example, it is now much easier to remove your printed objects from the platform – without the need of any extra tools. Users of all ages and skill levels simply need to bend the plate – and they can hold their finished print object in their hands.

New features for increased efficiency and more precision

Another new feature is an additional print mode that offers increased efficiency when the priority is on maintaining continuous operation, for example, in classrooms or in rapid prototyping: In “high speed mode”, the machine prints up to 30 percent faster than the predecessor, the 3D40 Idea Builder – which saves valuable time. This is also particularly helpful if you want to create an object and first want to see a draft of it. At the same time, the Dremel DigiLab 3D40 Flex enables users working in education, industry or design to achieve maximum precision for complicated projects that require a high level of accuracy. Compared to its predecessor the print resolution has improved significantly from 100 to 50 microns in the “ultra high resolution mode”. This means print results are even more precise and have a smoother surface, which is ideal for projects involving curves, diagonals, organic shapes or intricate details, such as engravings.

User-friendly for diverse 3D printing applications

The build platform of the Dremel DigiLab 3D40 Flex can print objects of up to 25.4 x 15.2 x 17.0 centimeters in size and is therefore suitable for a wider range of projects. Precise printing results are achieved by a semi-automatic two-point leveling system that is able to calibrate the print bed quickly and accurately. The DigiLab 3D40 Flex features the integrated “Dremel DigiLab 3D Slicer” software as well as a color touchscreen, allowing users to conveniently and intuitively adjust the print file – and guiding them effortlessly from their initial idea to the finished object. It also maintains an overview of the print status at all times.

Cleaner, quieter printing

The build chamber of the DigiLab 3D40 Flex is safeguarded by a pair of transparent doors that keep out sources of contamination such as dust while printing is in progress. They also offer a good view over the work piece and dampen the noise generated by the fan regulating the temperature inside the machine. The DigiLab 3D40 Flex uses PLA, an eco-friendly plant based plastic. Filaments are available in eleven different colors – white, black, red, orange, purple, blue, green, silver, gold, translucent white and pink too.

The Dremel DigiLab 3D40 Flex will be available from March 2019 onwards. All prices are recommended retail prices including VAT. For more information, please visit www.dremeleurope.com.

Specifications	Dremel DigiLab 3D40 Flex
Maximum resolution	50-340 µm (0.05 – 0.34 mm)
Maximum print size (length x width x height)	25.4 x 15.2 x 17.0 cm
Data transfer	USB, Wi-Fi, Ethernet
Software	Dremel DigiLab 3D Slicer
Dimensions (length x width x height)	40 x 51.5 x 40.6 cm
Weight (excluding filament)	16 kg
Scope of delivery/recommended retail price including VAT	<ul style="list-style-type: none">• Printer, white PLA filament, flexible build platform, USB cable, USB stick, “Dremel DigiLab 3D Slicer” software, cleaning pin, spatula, flexible build tape: €1299 Accessories: <ul style="list-style-type: none">• Flexible build tapes: € 21.99• PLA filament: €29.99

Subject to change.

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Dremel is one of the leading providers of precision power tools for do-it-yourself experts and hobbyists. The brand aims to combine innovative tool solutions, functionality and sophisticated design. Dremel was founded by Albert J. Dremel in Wisconsin, USA, in 1932. Today, the company is part of the global Bosch Group. The company's products are available in more than 90 countries. Dremel's European head office is located in Breda, in the Netherlands.

Their product range includes compact tool systems (e.g. compact saws and glue guns), benchtop tool systems (e.g. scroll saws) and rotary tool systems (multitools). A wide range of accessories and attachments can be ordered to further enhance the versatility of the tools. The innovative 3D technology used in the Dremel 3D Idea Builders is another valuable addition to the product range.

For more information, please visit www.dremel.com or www.dremeleurope.com