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Planmeca Creo® C5

The ultimate dental 3D printer



ENGLISH

PLANMECA

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Why 3D printing?

The applications you need – when you need them

Every dental application is different – which is why their production can be time-consuming and costly. But this is not the case anymore. 3D printing enables fabricating customised dental applications in a fraction of the usual time. The key to everything is a 3D printer that is fast, durable, and uses printer-optimised materials designed specifically for dentistry.

Print the applications you need when you need them for quicker and smoother treatments

Create your vision

Save time and resources by producing several models at once

Obtain predictable, industry-grade results with a device targeted for dentistry

Take charge of your workflow from start to finish

Store and transfer your 3D models digitally for easy access and use

Add value to your clinic with new production capabilities



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Planmeca Creo® C5

The exceptionally fast dental 3D printer

Planmeca Creo® C5 *is the combination of speed and precision you have been waiting for. Designed specifically for dental professionals, the durable and compact 3D printer enables fabricating dental applications, such as surgical guides, dental models and aligner bases, while you wait.*

Unique capsule dosing

The materials for **Planmeca Creo® C5** come in brand new and convenient capsules. They are a completely unique way to dispense high-quality 3D printing materials – without any going to waste. The capsules are incredibly easy to insert into the printer and ensure that the valuable material inside is always utilised efficiently.



Speed and performance

Combining high speed with high repeatability, this 3D printer is truly made to perform.

Industry quality at an accessible price

A professional grade 3D printer that is both reliable and cost-effective. Designed and manufactured in Finland.

From professionals to professionals

Developed in cooperation with some of the best clinical experts in dental technology.

Printer-optimised materials

The printing materials are printer-optimised as well as medically approved (when applicable) to ensure a safe, high-quality result.



Full-aluminium body

Durable, rigid and stable all-metal construction.

As easy as pressing a button

The easy-to-use touch display guides you every step of the way. Comes with pre-programmed and optimised material settings – no need to set parameters.

A true chairside 3D printer

A compact printer with a streamlined design which sits perfectly on a countertop or desk.

Monochrome LCD printing technology

Cooler, quieter and quicker 3D printing with monochrome LCD technology. No calibration needed – just plug and print!

Specifications

Open import	STL, PLY
Printing technology	Monochrome LCD
Build area	128 x 78 x 100 mm (5.0 x 3.1 x 4.0 in.)
Dimensions	Ø 300 mm (11.8 in.), h 500 mm (19.7 in.)
X,Y resolution	50 µm
Z resolution	25–100 µm
Weight	32 kg (70.5 lbs)

Printing materials

Dental models	FotoDent model/model2 FotoDent setup
Surgical guides	FotoDent guide
Gingiva segments in dental models	FotoDent gingiva
Impression trays	FotoDent tray
Indirect bonding trays	FotoDent IBT

Plug and play	✔
Automatic nesting	✔
No calibration needed	✔
Remarkable build speed	✔
High resolution printing	✔
Small footprint	✔
Touch display	✔

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Seamless implant guide workflow

Stop guessing and start performing precise surgery

Planmeca offers a unique complete workflow for producing implant guides. Use any Planmeca CBCT unit to obtain an image of the area of interest and capture a digital impression with a Planmeca intraoral scanner. Design the implant guide in the ***Planmeca Romexis®*** *software. Proceed to print the guide directly with* ***Planmeca Creo® C5****. Done.*

Scan

Acquire a cone beam image of the area of interest with any Planmeca CBCT unit. Obtain a digital impression with a Planmeca intraoral scanner, such as the quick and precise **Planmeca Emerald™ S**.

Design

Analyse the data in the powerful **Planmeca Romexis®** software and create a complete virtual setup for the implant plan. Then use your plan to create an implant guide in the software with just a few clicks.

3D Print

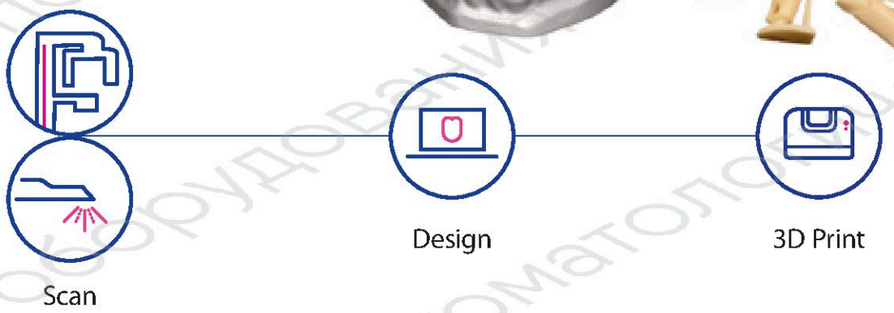
Print the implant guide and dental model with the lightning-fast **Planmeca Creo® C5**.















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Planmeca Oy designs and manufactures a full line of industry-leading dental equipment, including 3D and 2D imaging devices, CAD/CAM solutions, dental care units and software. Planmeca Oy, the parent company of the Finnish Planmeca Group, is strongly committed to better care through innovation, and it is the largest privately held company in the field.

Follow us on social media!

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