

Press release

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Planmeca introduces new 3D tools for orthodontists and dental labs

Planmeca Romexis® is a comprehensive software suite used by dental professionals for acquiring, viewing and processing 2D and 3D images. Planmeca now introduces a new Planmeca Romexis® 3D Ortho Studio module to the software, bringing innovative 3D tools for orthodontists and dental laboratories. The new module is designed for examination and analysis of digital dental models scanned with Planmeca ProMax® 3D X-ray units and for planning orthodontic treatments in 3D.

Dental model analysis

Dental impressions and plaster casts scanned with the **Planmeca ProMax® 3D** model scanning mode can be studied and analysed in the **Planmeca Romexis® 3D Ortho Studio** module. The module makes dental model analyses easier than ever by offering all the necessary tools for virtual base creation, occlusion examination and versatile teeth and arch measurements.

Treatment planning in 3D

A staged treatment plan can be established in Planmeca Romexis 3D Ortho Studio by displacing the teeth in a virtual tooth setup, while visualising intersections and contacts. All the applied changes such as tooth movements, interproximal reductions and teeth extractions are summarised in a detailed treatment plan report, which can be easily shared with others.

Export of digital dental models in STL format

The Planmeca Romexis 3D Ortho Studio module generates a sequence of digital dental models for each stage of the treatment. The models can be exported in STL format for 3D printing, custom appliance design and manufacturing.

"The new module is a powerful tool for orthodontic treatment planning and analysis in 3D. Our Planmeca Romexis software, together with the Planmeca ProMax 3D units, offer all the necessary tools for orthodontists: the same system is used for capturing cephalometric and CBCT images, 3D face photos and dental model scans, for creating cephalometric analyses, and now also for orthodontic treatment planning and analysis in 3D", says Ms **Helianna Puhlin-Nurminen**, Vice President of Digital Imaging and Applications division at Planmeca Oy.

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Planmeca Oy and Planmeca Group

Planmeca Oy is one of the world's largest dental equipment manufacturers with products distributed in over 120 countries worldwide. Headquartered in Helsinki, Finland, the company is a global leader in many fields of dental technology, with a product range covering digital dental units, world-class 2D and 3D imaging devices and comprehensive software solutions. Planmeca is also the largest privately held company in the field of dental equipment, with a strong commitment to pioneering in-house R&D and design.

The Planmeca Group's estimated turnover for 2013 is approximately EUR 760 million with over 2,500 employees.
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