

Pure digital orthodontics!

orthoX[®]

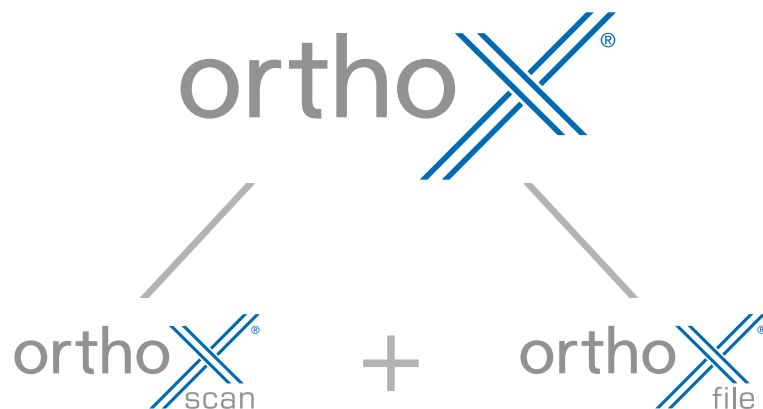


the complete package

orthoX® from DENTAURUM stands for pure digital orthodontics: your introduction into the digital future!

Dimensions	295 x 170 x 360 mm (W x H x D)
Weight	9 kg
Supply voltage	100 – 240 V~, 50/60Hz
Fuse protection	2 x T 1.6 A L 250 V
Power consumption	max. 60 W
Protection class	IP11
Operating temperature	15 °C – 30 °C
Storage temperature	-5 °C – 50 °C
Measuring point accuracy	< 20 µm
Output data format	STL
Ports	USB 2.0





The new 3D model scanner orthoX[®] scan and the integrated archiving software orthoX[®] file have been specially coordinated to meet the requirements of the orthodontic practice.

Patient models are saved in STL files which enable free data use as well as digital model archiving. The data can be used for analyzing and creating models in the 3D-printing technique. There is also the possibility of utilizing digital treatment solutions such as aligner therapy or digitally planned, highly precise indirect bonding techniques. STL files are also the perfect basis for future developments in digital orthodontics.

/// the advantages



The advantages of the 3D model scanner orthoX® scan and integrated orthoX® file software can be described in a few words: **compact // precise // quick // easy // compatible.**

The focus on digital realization of orthodontic treatment sets new standards and will appeal equally to beginners and experienced users of digital techniques.



- **Intuitive //**

Scanning requires only a few simple steps and settings.

- **Precise and quick //**

The sophisticated stripe-light projection technology enables a high scanning accuracy of < 20 µm and a scan duration of only 45 seconds per jaw.

- **Space-saving //**

Thanks to its compact size and design, the scanner is a space-saving desktop solution.

- **Hygiene-friendly //**

The unit has a metal housing that is both impact resistant and easy to clean.



- **Pure orthodontics! //**

Specially developed software to meet orthodontic requirements for adding a base to models and for archiving.

- **Versatile //**

The models are positioned correctly in the occlusal, median and tuber plane before adding a base.

- **Compatible //**

The software is an open system and can export STL format files.

/// the 3D model scanner



Functions

- Scanning individual jaw models, dental arches and models which already have a base

Operation

- Reliable placement of models using the model holder
- A single key ensures very easy operation
- The colored status display provides optical control
- Plug & Work via installation data from USB storage device included in delivery

Minimum system requirements

- Windows® 7*, 64 Bit
- Intel® Core™ i5** processor
- 8 GB RAM
- NVIDIA® GeForce® GT*** graphics card
- Screen resolution min. 1280 x 1024 or 1600 x 900
- 500 GB hard drive
- Internet connection required (for activation and support)
- network compatible
- 2 x USB 2.0 ports

Functions

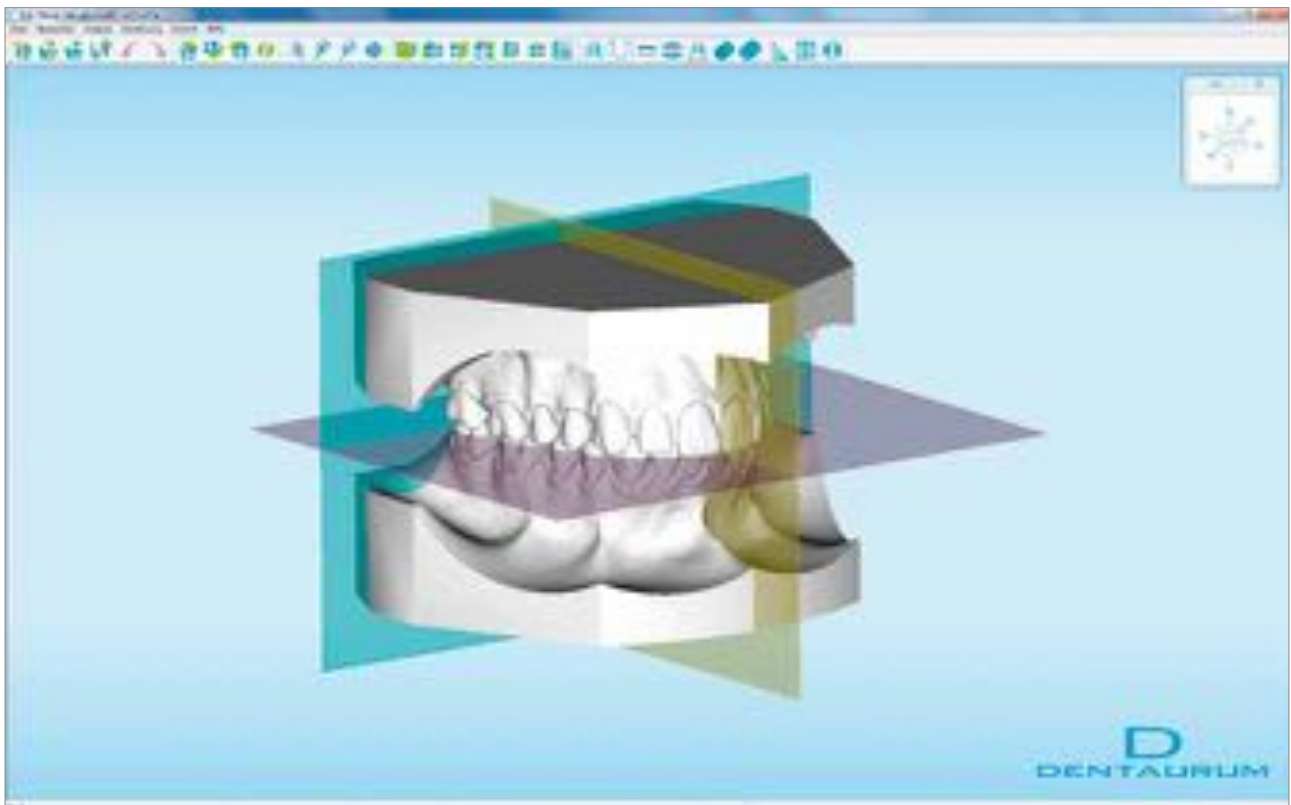
- Control of the 3D model scanner orthoX[®]scan
- Management of a digital model archive
- Patient-specific classification of the models
- Scanning models or loading STL data from a memory medium
- Three-dimensional basing
- Creation of STL data for further digital processing
- Original data is stored securely (non-editable; safe documentation in DDM format)

Operation

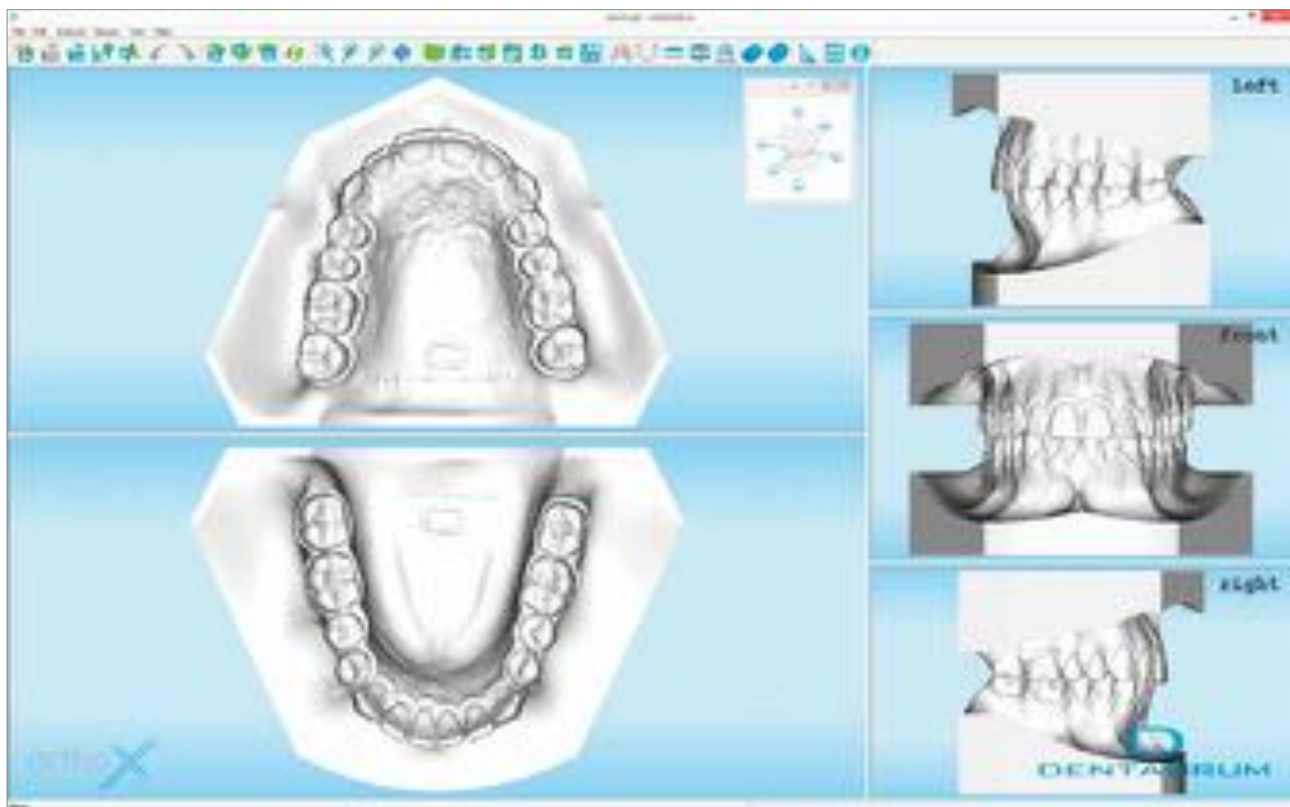
- Simple user interface with a Model Wizard for logical, step-by-step guidance through the individual stages
- Analyze digitized models from different views
- Patient-specific labeling and archiving of models
- Plug & Work via installation data from USB storage device included in delivery

Interface

- OnyxCeph^{3™}, 3D-Basic or Pro-Software interfaces for utilizing other solutions for diagnosis, treatment planning and patient consultation



View of the jaw model with occlusal, raphe median and tuber plane.



Simultaneous display of the occlusal, lateral and anterior view of the model.

plug & work orthoX[®] scan

Setting up and connecting



Remove the 3D model scanner from the packaging carefully and connect it to the power supply using the power cable.

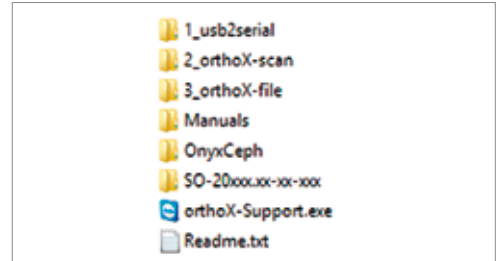


Connect the orthoX[®] scan with the computer using the USB cables.

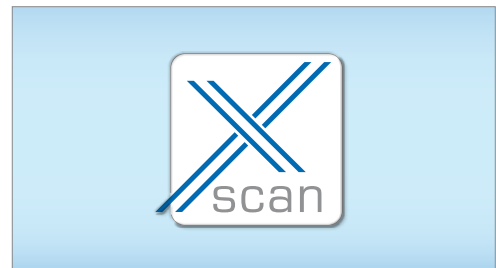


Switch on the orthoX[®] scan.

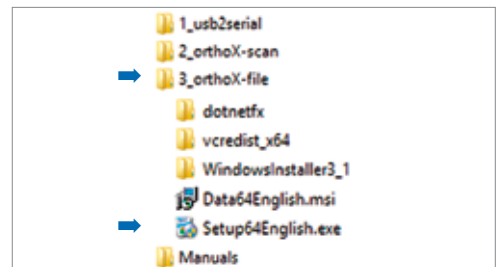
Initial installation



Open the USB stick in Explorer and run the setup file.



The program icon for orthoX[®] scan appears on the desktop.



Final step: run the .exe file in the folder "orthoX-file".

Dentaurum Group

Germany | Benelux | España | France | Italia | Switzerland | Australia | Canada | USA
and in more than 130 countries worldwide.



DENTAURUM
QUALITY
WORLDWIDE
UNIQUE

➔ For more information on our products and services, please visit www.dentaurum.com

Date of information: 10/16

Subject to modifications



www.dentaurum.com



Like us on Facebook!



Visit us on YouTube!

