



# Zfx™ Digital- intraModel system

Instruction for use





## 1. Important Notes

### Vers. 1 / June 2016

The instruction for use is considered part of the product offering. Please read and follow the instructions. Failure to observe the instructions may invalidate the warranty.

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## 2. General information – Use

The Zfx™ Digital-intraModel system is a simple and practical solution for the management of physical models manufactured from intraoral scans.

The system is made up of a **hardware component** that consists of:

- × An intercuspidator designed for models manufactured from digital impressions
- × Two reusable plates, each with 88 holes to provide the highest flexibility
- × 30 threaded pins to secure the models

The **software component** allows the design of sectioned models as well as their positions on the plates. The models can be produced either by laser-sintering process or CAM process.

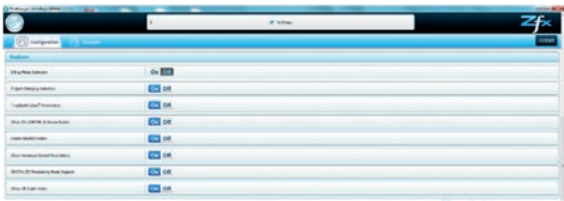
### 3. Indications

- × Ideal for the production of models through various manufacturing processes
- × Suitable for laser-sintering
- × Suitable for CAM process

### 4. Advantages

- × an intercuspidator for models, manufactured of digital impressions
- × no additional tools(plaster-free)
- × Variable height adjustment (36 mm to 80 mm)
- × Easy handling
- × Accurate
- × Flexible
- × Economical (reusable)

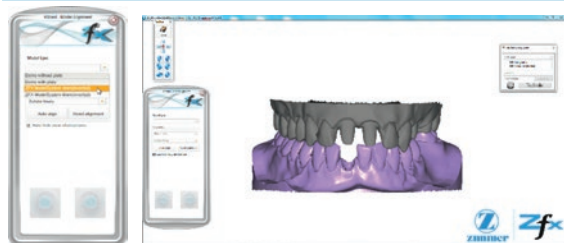
### 5. Instruction of use software



Activate the Zfx™ Digital-intraModel system in the Zfx™ Manager module.



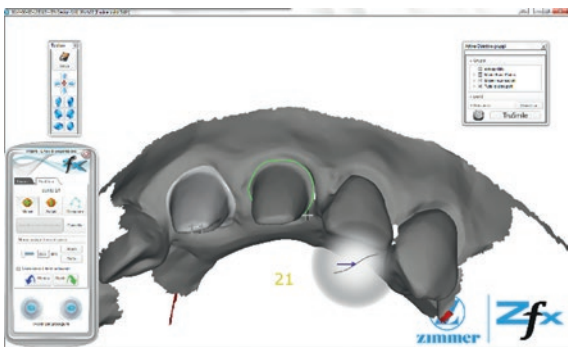
Import the intraoral scan and set up the project in Zfx™ Manager. Start the Zfx™ Digital-intraModel system by clicking the **"Start Model creator" Button** on the right side of the screen.



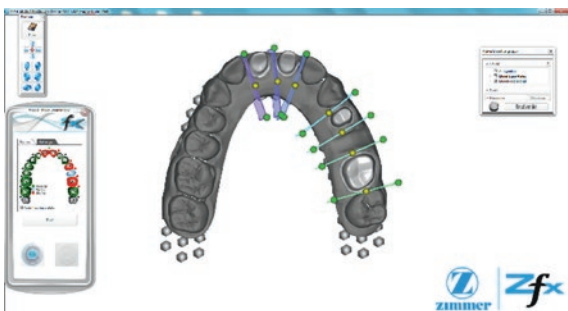
**Select the Model type in the Wizard:**

- × Zfx Model system 4 mm (inverted)
- × Zfx Model system 6 mm (inverted)

Place the scans between the plates with the aid of the Wizard settings. The red-coloured areas aren't developed.



Define the preparation margins on the dies.



**Set the section cuts for the segments:**

The central ball moves the slice. The balls at the ends adjust the tilt. Click **"Run"** to finalize the sections.



Follow the same process for the antagonist (opposing model).

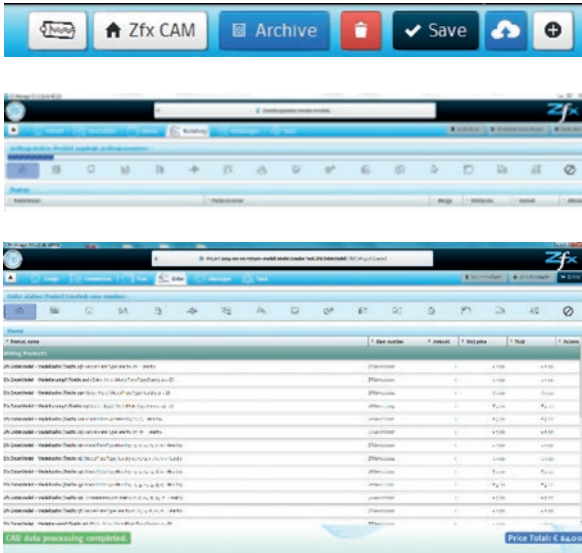


Clicking the **"Stop without CAD"** button will finalize the creation of the digital model without designing the restoration.



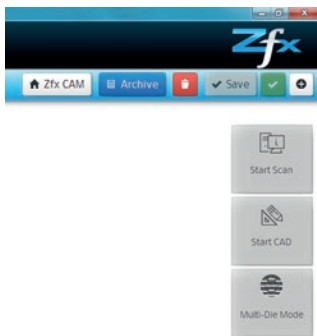
**Important:** The digital model can now be used to design the restoration.

## Option A – Sending the model file

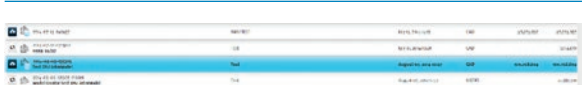


Clicking the **"Order Model creator files"** icon will copy the project and send the file directly through the Zfx portal.

The Order status screen informs the user of the case number, the status of the order and the total price of the service.



**Important:** After clicking the **"Order Model creator files"** icon, the CAD design stage can only be started by loading the original file.



The preview in Zfx™ Manager shows the presence of a Project MODEL and a Project CAD.

## Option B – CAD design of the restoration



**Important:** This step allows you to design the restoration after the creation of the digital model.

Click the **"continue with CAD" button.**



Design the restoration following standard procedure. Once the design is completed, save and open the project in Zfx CAM for milling in-lab or send it to the portal for milling at a Zfx Center.

## 6. Hardware



### The hardware component is composed of:

- × 1 pc. Intercuspidator
- × 2 pc. Zfx™ Plates **1**
- × 1 pc. Check Block **2**
- × 30 pc. Metal Pins **3**
- × Hex driver (HXLGR1.25), Long with GemLock for Zfx™ IntraScan Matchholders **4**

The intercuspidator can simulate the eccentric movements of the jaws.

To simulate the lateral and protrusion movements, release the locking levers and push the centric cursor upward. To carry out small movements just move the cursor only halfway.

Thread the pins on the plates to retain the sections of the model.

### Parts Specification

- 1** Upper carrier
- 2** Zfx™ Plates for Digital-intraModel System – upper jaw
- 3** Zfx™ Plates for Digital-intraModel System – lower jaw
- 4** Lower carrier
- 5** Fixing screw
- 6** Centric push handle
- 7** Locking lever





# Instruction for use Zfx™ Digital-intraModel system

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Replaces version: -  
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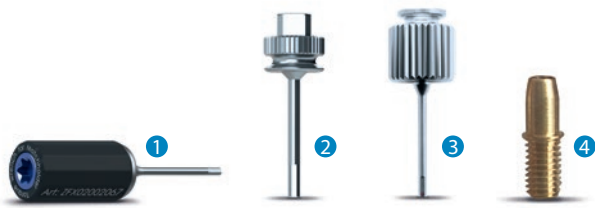
Screw the Zfx™ Metal Pins on the plate to move the segments into the right position.



**Important:** Thread the Zfx™ Metal Pins with the aid of a Zfx™ Torque Wrench for Matchholders. The Zfx™ Torque Wrench ensures equal tightening of each pin.

#### Screwdriver

- 1 Torque wrench for Zfx™ Evolution Matchholders:  
Art. No.: ZFX02002067
- 2 Hex driver, Long Standard for Zfx™ IntraScan Matchholders  
Torque wrench adapter without GemLock: Art. No.: HXL1.25
- 3 Hex driver, Long with GemLock Retention for Zfx™ IntraScan  
Matchholders with GemLock Retention: Art. No.: HXLGR1.25
- 4 Zfx™ Metal Pin Set (50 pc, Reorder): Art. No.: ZFX02002524



Analogs are simply pushed into their receptacles and locked into place with the cross pin. The cross pin will ensure the correct position in the exact height and angle using a patented mechanism.