

1 2 3 4 | **FOUR STEPS TO** A PERFECT MODEL.

Tips and tricks!

Easy sawing of the models, even on the next day:

After lifting the impression (after approx. 30 minutes), store the model-tray model in a hydrobox (airtight closable plastic container with a moist insert). The model will not dry out and the hard metal saw blade will not become dull prematurely.

model-trays can be poured out up to 5x.

For reasons of precision, they should be replaced at that time.

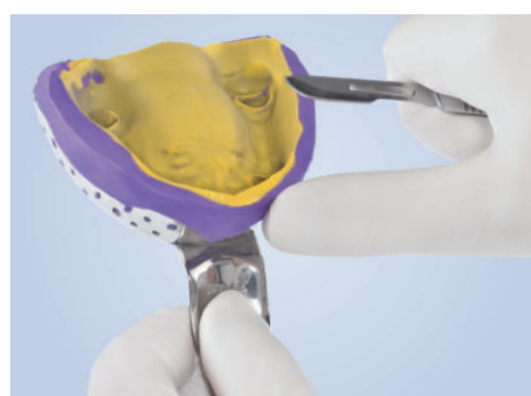
1



➤ Align

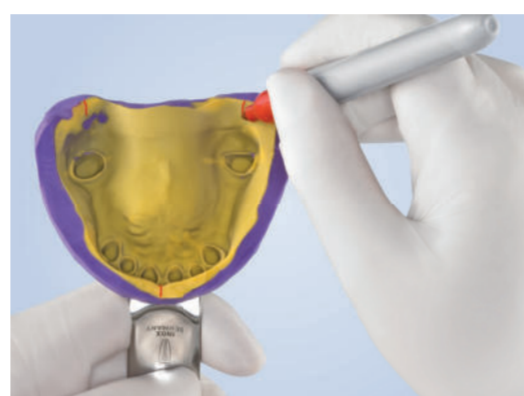
Align the impression with the markings on the model-positioner.

An optimal position of the impression guarantees an aesthetic model and good handling.



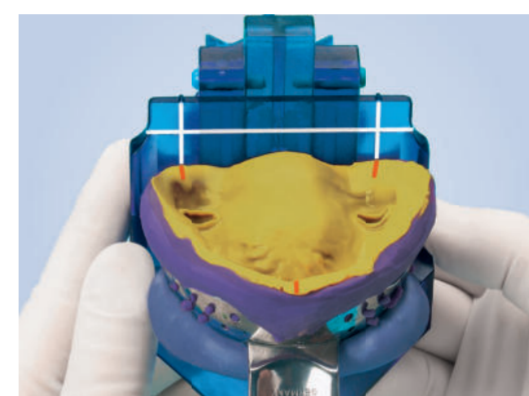
➤ 1.a

Cut back vestibular areas to a minimum horizontally to the row of teeth.



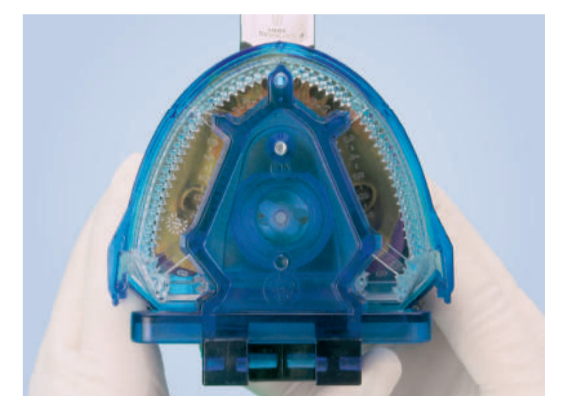
➤ 1.b

Indicate the midline and jaw ridge middle on the impression.



➤ 1.c

Fixate the impression with adhesive plasticine in the model-positioner and adjust it according to the reference lines in horizontal and bilateral symmetry.



➤ 1.d

Close the model-positioner and check the fit by inspecting it.

2



➤ Pour out

Pour out the tray and impression and close the model-positioner.

The complete saw-cut model is manufactured in only one work step.



➤ 2.a

Remove the tray from the model-positioner. Mix the class 4 model plaster according to the manufacturer's instructions and pour out the impression.



➤ 2.b

Then pour out the tray and put it back into the model-positioner.



➤ 2.c

Close the model-positioner before the thickening phase. The impression is automatically underneath, allowing the plaster to sediment in the stumps. Due to this, the highest possible edge stability is achieved.



➤ 2.d

Immediately after closing, wipe away the excess plaster with moist fingers.

3



➤ Demould

After 90 minutes, the finished model can be removed from the model-tray.

No additional work steps are necessary like in other model fabricating methods.



➤ 3.a

After 30 minutes from the start of mixing the plaster, only remove the impression from the model and remove excess plaster residue. Mounting in the articulator could already be started now.



➤ 3.b

After another 60 minutes, remove the rim and lock.



➤ 3.c

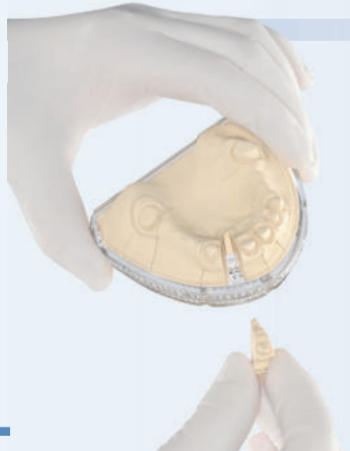
Drill through the tray from the bottom for about 5 mm using a size 8 round bur.



➤ 3.d

Remove the model from the tray using 6 bar compressed air. After lightly tapping the edge of the tray with a horn hammer, the model can be demoulded.

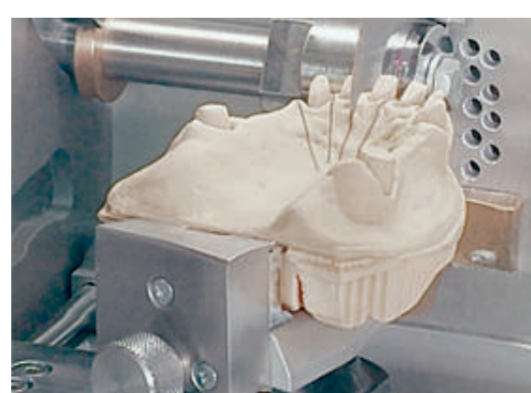
4



➤ Segment

Saw the model without restrictions by pins.

The model-tray plaster model enables very fine segmentation and entirely free cutting positions.



➤ 4.a

Saw the model manually or with the model-cut sawing machine down to the predetermined breaking line.



➤ 4.b

Using a flat lever tool, break out the segments towards the outside.



➤ 4.c

Smooth the breaking edges down to 1 mm and expose the preparation margins. Remove any adhered plaster dust.



➤ 4.d

Place the main block of the model back into the tray. The right fit is guaranteed by lightly tapping it on the table plate. Then replace the segments and fixate with rim and lock.

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