

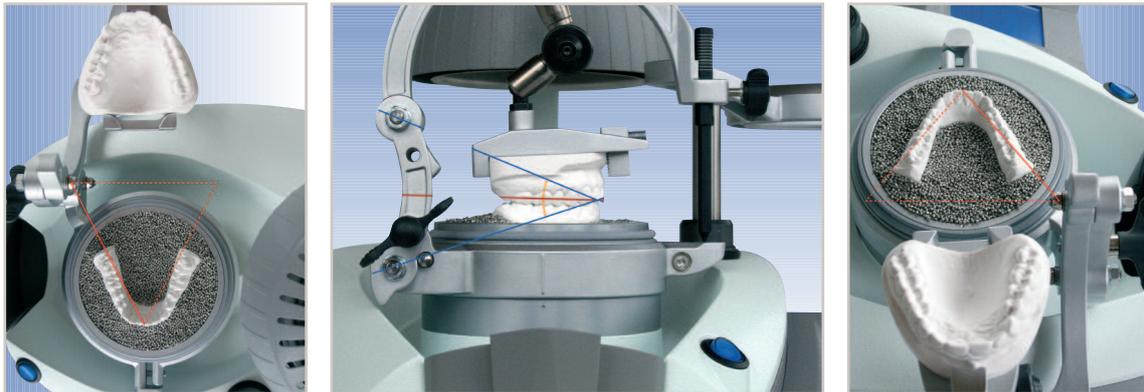
# The function of the Occluform device

## Occluform-3

The Occluform is an occludator that can be integrated in a thermoforming unit to **imprint the opposing bite** (pat. 19915567).

- The Occluform-3 can only be installed at the Erkoform-3d/3 units.
- It allows to directly imprint the opposing bite in the Erkoform-3d/3 during the thermoforming process!
- Plaster-free model fixation.
- The articulation of the models is ensured by a hydraulic system that can be fixed in every position.
- The single column construction enables best model accessibility.
- The construction of the Occluform-3 device is based on a Bonwill triangle with a side length of 11.5 cm and a Balkwill angle of 20°. That way it allows a median elevation of the bite.

(The Occluform (without the supplement "-3") is only suitable for the Erkoform-RVE unit, the functionality is the same except for the missing semi-adjustability of the Occluform-3 (similar to a semi-adjustable articulator). With the Occluform a median bite elevation is not possible, here for this reason always a construction bite should be used.



The Erkoform-3d/3 units are prepared for the simple installation of the Occluform-3, the device will only be mounted with a single clamping screw on the thermoforming unit.

## Hints

- Please carefully read the instructions of the Occluform device.
- Reduce models that exceed the inner dimensions of the retainer jaws in the model pot and that are too high for the total inner dimensions (both models articulated) by trimming.
- For very small models turn the retainer jaw that shows to the marking point at the edge of the model pot in order to avoid that the incisal point will move too much backwards.

## Working with the Occluform device (illustrations: Occluform-3)

All thermoforming materials can be adjusted that means the opposing bite imprinted with the Occluform. However, thin foils cool off very fast and are less suitable. The thicker the used thermoforming material is the more time will be for the imprint.

**1.** Fix the lower or upper jaw model (release the correct joint of the Occluform, see instructions Occluform) in the model pot, the area that has to be thermoformed should protrude the edge of the pot.



**3.** Point the supporting pin on the 0-line (arrow), open the arrest joint and articulate the models.



The bite can be elevated to a median value.

**5.** Hold the upper model plate in position and firmly close the arrest joint. Open the Occluform.

Fill as many high grade steel granules in the pot that only the...



**2.** Fix the antagonistic jaw onto the upper model plate. Prefix the model in a preferably high position with the arrest joint.

Close the Occluform.



**4.** If a construction bite is available the models are articulated in the same way (3).

That way the imprint corresponds exactly to the bite registration.



**6.** ...thermoforming area plus 3 mm are visible. Ensure that also the hollow spaces under the model are filled with granules. Insulate the opposing bite (Isolac).

Now it can be thermoformed.