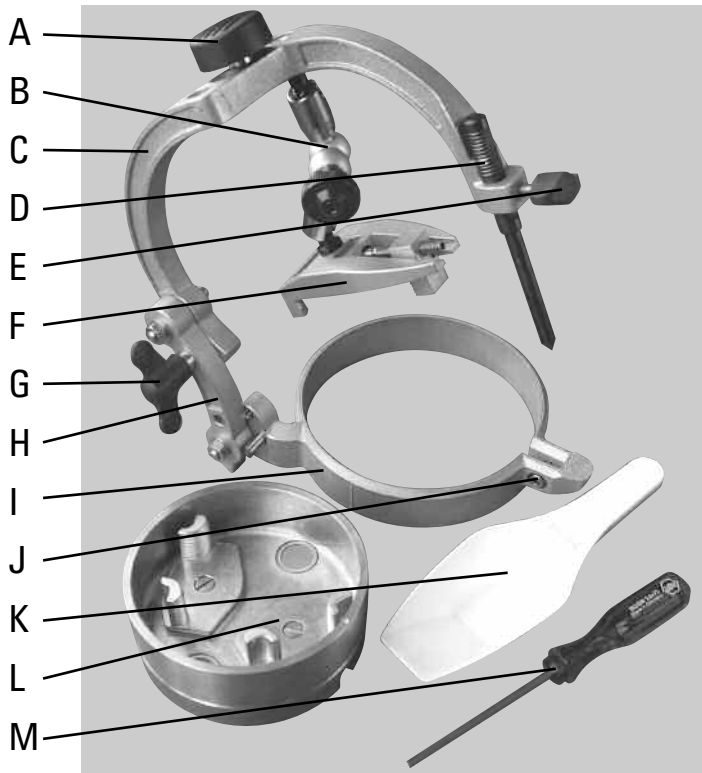
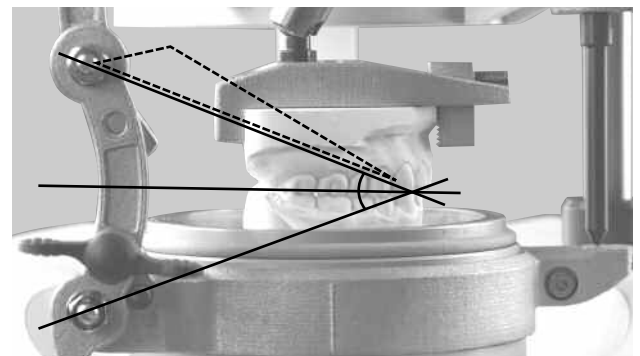


# OCCLUFORM-3: Installation and application

Availability: Occluform-3, complete, ord.-no.: 188 580



- |                    |                            |                        |
|--------------------|----------------------------|------------------------|
| A, press button    | E, supporting pin fixation | I, fixation ring       |
| B, arresting joint | F, model plate             | J, with fixation screw |
| C, occluding bow   | G, swivel screw            | K, granules shovel     |
| D, supporting pin  | H, joint column            | L, model pot           |
|                    |                            | M, hex. wrench size 3  |

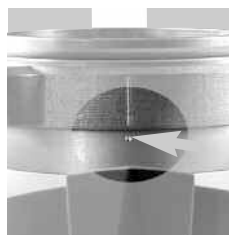


The construction of the Occluform-3 device is based on a Bonwill triangle with a side length of 11.5 cm (dashed triangle) and a Balkwill angle of 20°.

## Installation instructions



1. Put the Occluform-3 with the fixation ring onto the 3d-housing at right angles to the unit (supporting pin to the right).



2. Align the marking line of the fixation ring with the point at the form pot.



3. Press the fixation ring downwards and tighten the fixation screw with the hexagonal socket wrench (M).

## Instructions to refill the hydraulic articulation



1. When the closing power of the arresting joint gets weak, add oil. Therefore completely open the black nut and pull it out.



2. Fill in oil (machinery oil), until the tube is almost full.

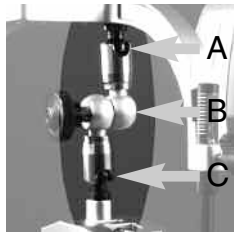


3. Close again and check the closing strength. If the system obviously leaks, it needs repair.



# Occluform-3: Application

## Positioning of the arresting joint



1. Please open the arresting joint (B) and align A, B and C as shown on the picture.



2. Now you can put the upper model plate into the highest position.



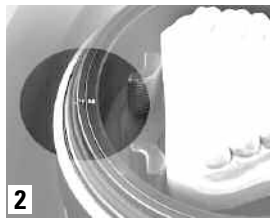
3. This is the best starting position to articulate the models.

Due to the dimensions that correspond to a modern semi-adjustable articulator the Occluform-3 allows a median bite elevation. If a construction bite taken in the mouth or in a fully adjustable articulator is at disposal, the models will be articulated with this construction bite in the Occluform-3. One scale-line at the supporting pin corresponds to about 1 mm at the incisal point.

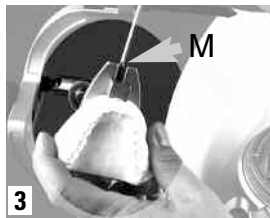
## Imprint of the opposing bite for the fabrication of an adjusted splint



1. Clamp the model where the foil should be thermoformed on in the model pot (hex. socket wrench, M). It might be useful to clamp the model angularly (for example in case of large undercuts).



2. Put the model pot with the model into the pot of the unit. If the marking points are opposite, the model pot will be engaged in the centering plate.



3. Clamp the opposing bite model in the upper model plate.



4. If the model of the upper jaw is in the model pot, block **the upper joint** of the joint column with the swivel screw (left arrow) (as shown on the picture). If the model of the lower jaw is in the model pot, block **the lower joint**. For the articulation the arresting joint has to be flexible, hold the model plate with the model and close the occluding bow until the supporting pin has contact. In doing so the supporting pin is on the 0-scale-line (pict.). Articulate the models.



5. Hold the upper model plate and fix the arresting joint.



6. If there is no construction bite available, the bite can be lifted with the supporting pin. One scale-line on the supporting pin corresponds to about 1 mm bite elevation at the incisal point. Reopen the occluding bow with the fixed opposing bite model.

7. Fill up the model pot with high-grade steel granules (for this purpose the model pot can also be taken off).



8. The granules may also be put below the model and be well compressed.



9. Insulate the models with colourless insulating compound (Isolac, 624 050) (only when using soft foils, for ex. Erkoflex). Now thermoform according to the Erkoform-3d operating instructions.



10. Afterwards **immediately** close the occluding bow until the supporting pin gets contact while the hand remains on the press button.



11. The opposing bite is imprinted. Allow to completely cool down and open the bow.



12. Lift the foil reception of the unit, at the same time the model pot will be lifted. Hold this one, open the foil holding frame and take off the model pot with the foil.

