

## HinriPress flask G

The HinriPress flask G is a casting flask for the cost-saving use of elastic duplicating material for completion of dentures.

Necessary components:

- Flask G
- Hinrigel
- Insulation Hinrisep K
- HinriPress Bonding
- HinriPress / Vario pouring resin
- Pressure pot

- 1) Manufacture the wax model as usual. Attach a circular mark half around the functional edge. Now wash the setting up to the mark. The uncovered functional edge is used as stop by re-setting the model. The model has to be soaked in clear water for 10 min. Afterwards dry the modulation and the model and fix it in the middle of the bottom plate.



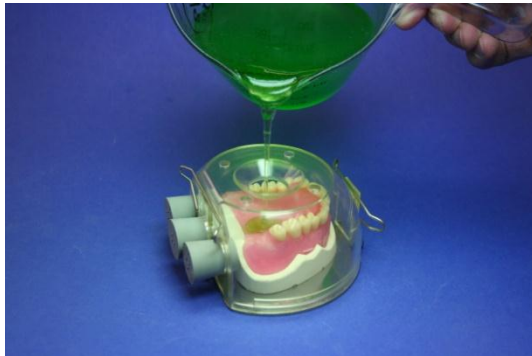
- 2) Now put the top of the flask onto the flask and close it by using the brackets. **Important: control if it fits right.**



# ERNST HINRICHS



- 3) Cut the Hinrigel (REF 107953) into little pieces and melt it at 95 °C in an appropriate machine. Disposition-temperature: 45-48 °C. When using the microwave, Hinrigel begins to foam at 95 °C.
- 4) Fill the gel into the flask with a constant thin jet till it drops out of the top gap. Put the flask into cold water up to the half, this helps to achieve a directed solidification.



- 5) After the gel is cured (45-60 min) remove the bottom plate and form out the model.



- 6) Prick three pouring canals into the dorsal area of the lower jaw.



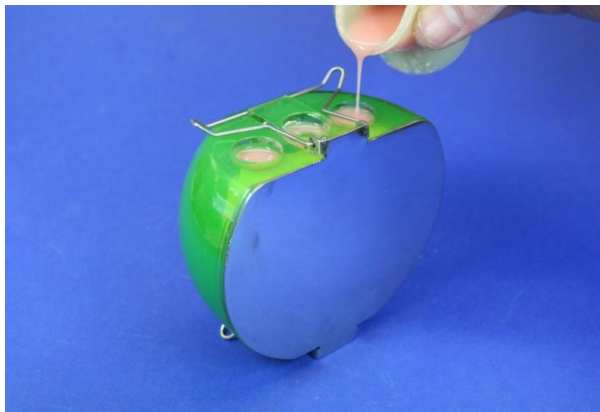
# ERNST HINRICHS



- 7) Now remove wax from the teeth. Abrade the teeth as usual, apply the retentions and set the teeth into the duplication form. By sprinkling the denture with HinriPress Bonding (REF 721501) the bonding between denture and prosthesis will be strengthened.
- 8) Remove the wax from the gypsum model. Now the model has to be soaked in warm water for about 10 min. After that dry the surface and insulate with Hinrisep K (REF 109221).
- 9) Set the model into the duplication form and close the flask again.



- 10) Mix the resin according to the manufacturers' instructions. The flask has to be filled by a thin jet only through the middle canal till it comes out of the other canals. Afterwards put the flask into the pressure pot 2,5 bar – for about 25 min at 45 °C water temperature.



**Important: The resin-filled funnels should not be set under water if the resin is still soft.**

- 11) After polymerisation remove the bottom plate and demould the model. Now remove the prosthesis from the model and work it out as usual.