Das System Modellherstellung Dublieren Einbetten Gießen

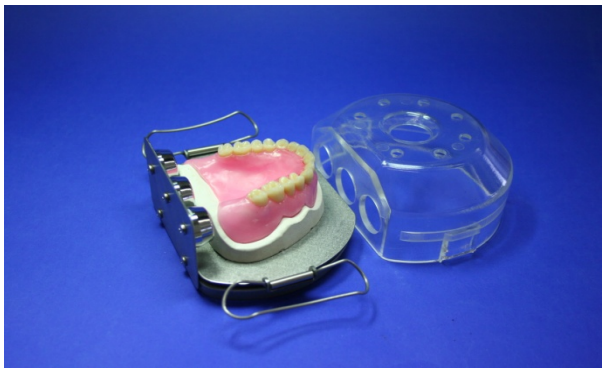
SilaPress Flask S

The SilaPress Flask S is a casting flask which allows cost-effective use of duplicating silicone when fabricating prosthetic dentures.

Materials required:

- SilaPress Flask S
- Kontursil silicone
- Marmosep K insulating agent
- SilaPress Bonding liquid
- SilaPress/Vario casting resin
- Pressure pot

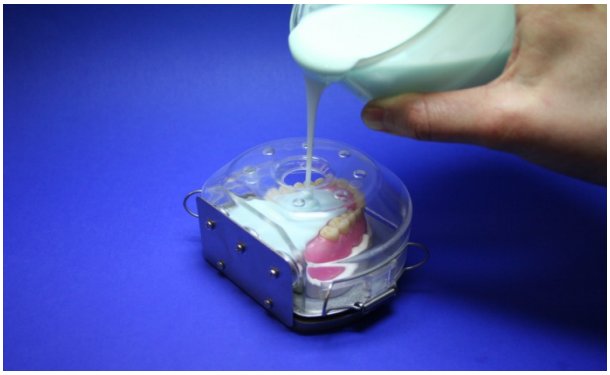
1) Produce the wax model as usual. The functional ridge on the plaster model must be free of wax and will act as a stop when the model is repositioned. Position the model in the center of the base plate, fixing with wax if necessary.



2) Now place the top of the flask onto the base plate and close the flask using the tension clips.

Important: Check positioning is correct.

3) Measure out 150 ml Kontursil (REF 101401) per component, mix, and pour into the top of Flask S in an even stream until it is completely filled. Leave to set for around 30-45 minutes. Ideally the silicone should be allowed to set at the same pressure as required for the polymerization of the casting resin.



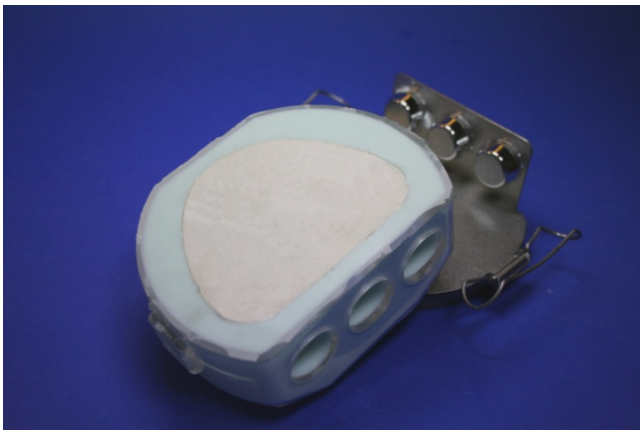
4) Once the silicone has set, the base plate is released and the model removed from the duplicating mold.

5) Create three pouring channels at the back of the silicone duplicating mold.

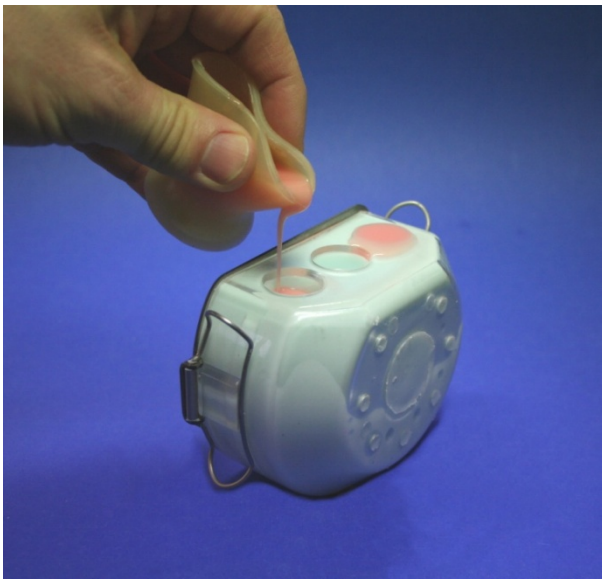
6) Next remove all traces of wax from the teeth - the plastic base of the flask can be used as a strainer. Abrade the teeth as usual, fix retainers and reposition them in the duplicating mold. Apply SilaPress Bonding liquid (REF 253501) to strengthen the bond between the teeth and the denture resin.

7) Remove the wax from the plaster model. Immerse the model in warm water, then dry the surface and insulate it using Marmosep K (REF 200731).

8) Reposition the model in the duplicating mold.



9) Mix the casting resin according to the manufacturer's instructions. Pour a thin stream of resin into the flask through the middle channel until it emerges from the two other channels. Finally, place the flask into a pressure pot filled with water heated to 45 °C for around 25 minutes at 2.5 bar.



Important: The resin-filled channels must not be immersed in water while the resin is still molten.

10) Once polymerization is complete, the base plate is released and the model taken out of the mold. The prosthesis can then be removed from the plaster model and finished as usual.