SilaPress Flask G

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

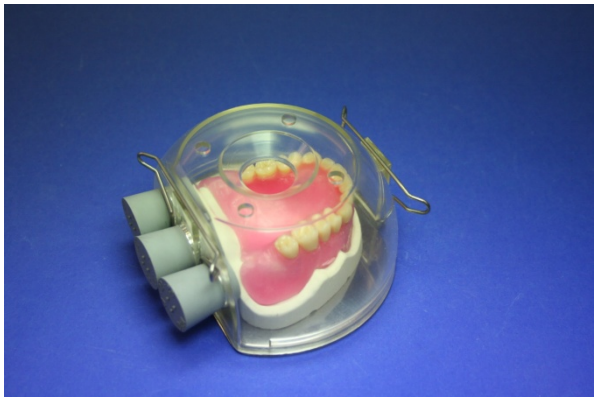
Materials required:

- SilaPress Flask G
- Marmogel
- Marmosep K insulating agent
- SilaPress Bonding liquid
- SilaPress/Vario casting resin
- Pressure pot

1) Produce the wax model as usual. Place a marker line on the functional ridge of the plaster model half-way between its external edge and the base of the wax model. Then apply molten wax up to the marker line. The wax-free area of the functional ridge will act as a stop when the model is repositioned. Immerse the model in clean water for at least 10 minutes, then dry all components and fix the model in the center of the base plate.

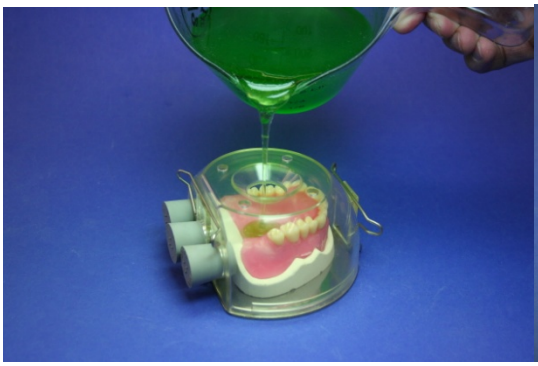
2) Now place the top of the flask onto the base plate and close the flask using the tension clips.

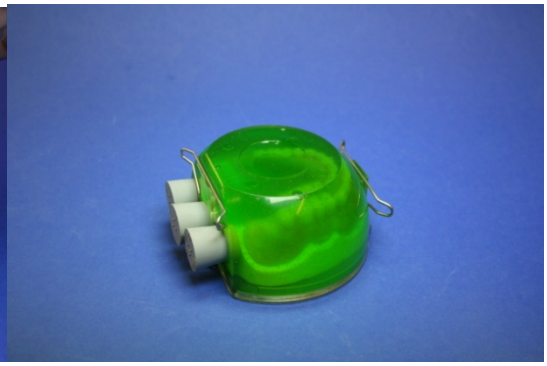
Important: Check positioning is correct.



3) Divide the Marmogel (REF 200440) into small pieces and melt it at 95 °C in a suitable device. The correct pouring temperature is 45-48 °C. If a microwave is being used to heat the gel, it has reached 95 °C when it bubbles up in the container.

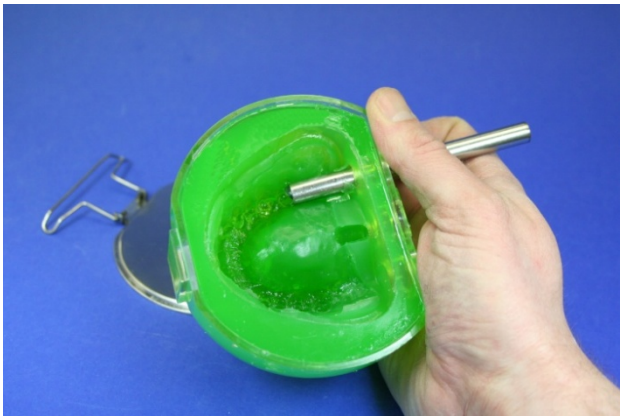
4) Pour the gel into the flask in a thin, even stream until it begins to come out of the holes in the top of the flask. Then half immerse the flask in cold water to achieve controlled setting.





5) Once the duplicating gel has set (45-60 min), the base plate is released and the model removed from the gel duplicating mold.

6) Create three pouring channels at the back of the gel duplicating mold.



7) Next remove all traces of wax from the teeth, abrade them 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.

8) Remove the wax from the plaster model and immerse the model in warm water for about 10 minutes. Then dry the surface and insulate it using Marmosep K (REF 200731).

9) Reposition the model in the duplicating mold and close the flask.

10) 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.

11) 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.