

POURING FLASK FOR SILICONE/GEL



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EXPLODED VIEW



DESCRIPTION

The duplication flask for silicone or gel has been specially designed for the "resin pouring" technique. A single device that features all the elements required to perform this well-known technique step by step:

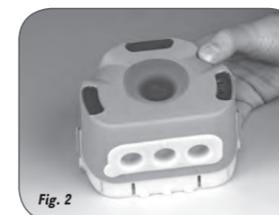
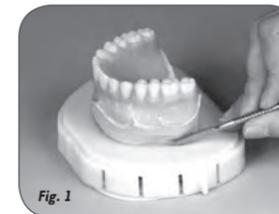
- Worktable with central magnet.
- Flask for silicone/gel pouring and filling.
- Side holes for resin pouring.
- Plugs for cutting the holes for resin pouring.
- Pierced box for steam cleaning the dental pieces.
- Tubes to cut the holes for resin pouring.

The flask is supplied with a magnet, magnet washers, rubber bands for closing and two stainless steel tubes to cut the holes for resin pouring.

INSTRUCTIONS

1. Preparing the gel/silicone mould:

- 1.1. Fix the model to the base plate with wax or magnet (Fig. 1).
- 1.2. Put the top cover into place and fit the long rubber band to the hooks (Fig. 2), to make sure it will not open. Place the three-plug piece with the arrow upwards.
- 1.3. Prepare the silicon or gel mixture.



- 1.4. Pour the gel TECHNOJEL-PRO or silicone through the top central hole until it starts to overflow through the other three holes (Fig. 3). This way a better retention will be achieved. The temperature of discharge of gelatine must be between 45- 50° C.



- 1.5. Leave the flask to rest for the product to harden, approximately 1 hour.

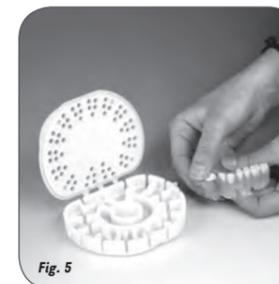
- 1.6. Once the product has hardened, release the rubber band, remove the lower part of the flask by pulling the tab and remove also the threeplug piece by pulling the tab. (Fig. 4)



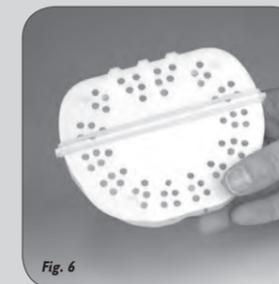
- 1.7. Remove the model from the flask. To make the extraction easier, use compressed air.

2. Preparing the dental pieces:

- 2.1. Open the cleaning box by pulling the tab. Remove the dental pieces from the model one by one and place them in order in each of the spaces in the base (Fig. 5).



- 2.2. Close the cleaning box. Fit the short rubber band into the hooks to prevent the box opening and deforming the lid. Try to cover the holes as little as possible (Fig. 6).



- 2.3. Clean the dental pieces in the washing machine or steam through the multiple holes. Clean also the wax remaining on the model.

- 2.4. Once the dental pieces are clean and dry, insert each of them in its place in the silicone/gel inside the flask.



- 2.5. Use the tubes to cut the three holes for pouring the resin (Fig. 7).

3. Preparing the model:

- 3.1. Make sure the plaster model is completely clean and all the wax has been removed.
- 3.2. Apply the mould releaser TECHNOSIL to the plaster model with a paintbrush (Fig. 8)
- 3.3. Put the plaster model into its place in the flask.



4. Obtaining the resin piece:

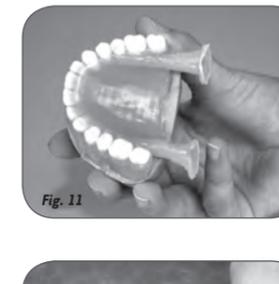
- 4.1. Close the flask and fit the long rubber band into the hooks to make sure it will not open.



- 4.2. Prepare the resin ECO-CRYL PRO and pour it through one of the pouring holes until the resin overflows through the other two holes (Fig. 9). (For 1 prosthesis: 25 g powder / 19 ml liquid)



- 4.3. Put the flask inside the pressure polymerizer with the holes for pouring the resin upwards. Make sure the water does not reach the resin (Fig.10). Follow the directions about pressure and temperature given by the resin manufacturer. (45°C/2 bar/30 minutes)



- 4.4. When the polymerization is over, open the flask, empty it and cut the gel or silicone to remove the piece (Fig. 11).

- 4.5. Cut the sprues, polish with POLI-R and shine with POLI-B. (Fig. 12)



1. Three-plug piece
2. Top pouring cover
3. Magnet
4. Splitted base for cleaning
5. Magnet washers (5 u.)
6. Short rubber bands (2 u.)
7. Long rubber bands (2 u.)
8. Tubes to cut the holes for resin pouring

REFERENCE:

5555-100 Whole flask

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