



The R-020202 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.

MODO DE EMPLEO

2. Preparing the gel/silicone mould:

- 2.1. Place the model on the magnet in the base (D) (Fig. 1).
- 2.2. Put the top cover (B) into place and fit the long rubber band to the hooks (C) (Fig. 2), to make sure it will not open. Place the three-plug piece (A) with the arrow upwards.



Fig. 1



Fig. 2

2.3. Prepare the silicon or gel mixture.

2.4. Pour the gel 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.

2.5. Leave the flask to rest for the product to harden.



Fig. 3

2.6. Once the product has hardened, release the rubber band, remove the lower part of the flask by pulling the tab (G) and remove also the three-plug piece by pulling the tab (L).

2.7. Remove the model and leave the silicone/gel mould inside the flask (Fig. 4).



Fig. 4

3. Preparing the dental pieces:

- 3.1. Open the cleaning box (F) by pulling the tab (H). 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).



Fig. 5

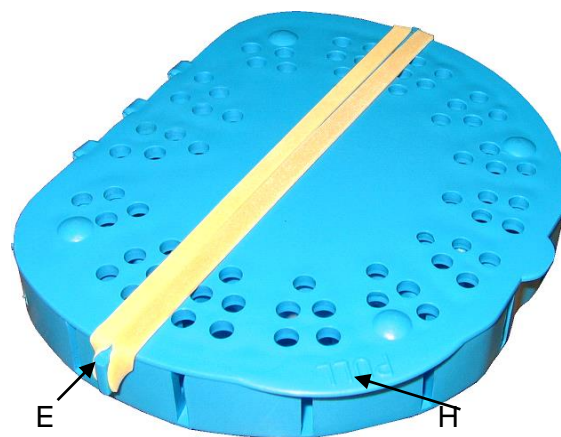


Fig. 6

- 3.2. Close the cleaning box. Fit the short rubber band into the hooks (E) to prevent the box opening and deforming the lid. Try to cover the holes as little as possible (Fig. 6).
- 3.3. Clean the dental pieces in the washing machine or steam clean them through the multiple holes. Clean also the wax remaining on the model (Fig. 7).

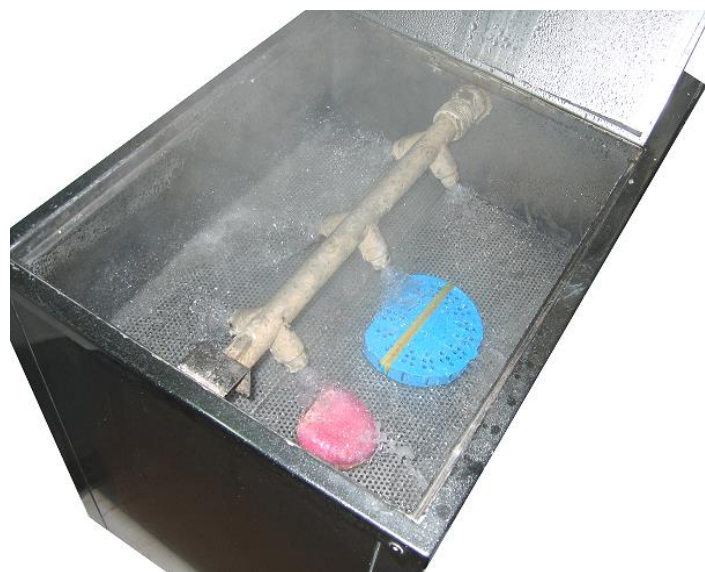


Fig. 7

- 3.4. When the dental pieces are clean and dry, insert each of them in its place in the silicone/gel inside the flask (Fig. 8).



Fig. 8



Fig. 9

- 3.5. Use the tubes (M) to cut the three holes for pouring the resin (Fig. 9).

4. Preparing the model:

- 4.1. Make sure the plaster model is completely clean and all the wax has been removed.
- 4.2. Apply a mould-releaser to the plaster model with a paintbrush (Fig. 10)



Fig. 10



Fig. 11

- 4.3. Put the plaster model into its place in the flask (Fig. 11).

5. Obtaining the resin piece

- 5.1. Close the flask and fit the long rubber band into the hooks (C) to make sure it will not open.
- 5.2. Prepare the resin and pour it through one of the pouring holes until the resin overflows through the other two holes (Fig. 12).



Fig. 12



Fig. 13

- 5.3. 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.13). Follow the directions about pressure and temperature given by the resin manufacturer.
- 5.4. When the polymerization is over, open the flask, empty it and cut the silicone to remove the piece (Fig. 14).

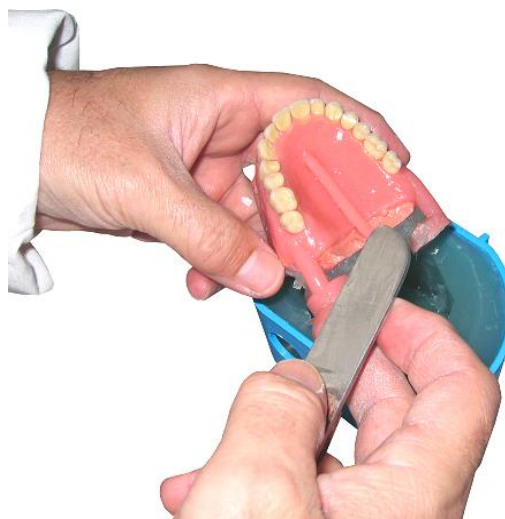


Fig. 14