

# CLEARMET INSTRUCTIONS FOR USE in TCS and Valplast Manual Systems

1. Make a duplicate of the master model by using silicone
2. Design the partial denture with a surveyor and block out severe undercuts with wax using conventional method. Use 1 to 1.5 mm spacer wax where ridge areas are.

3. After blocking out model, make another duplicate working model for waxing frame and investing.

4. Spray silicon mold release or petroleum jelly on the inner side of the flasks.

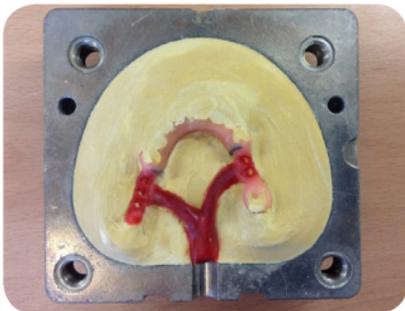
5. Invest model in half and half mixture of plaster and stone or type III stone.

6. Place waxed denture into the lower half of the flask.

7. Make the sprue connection (5 ml recommended) smooth to allow the Clearmet to flow easily.

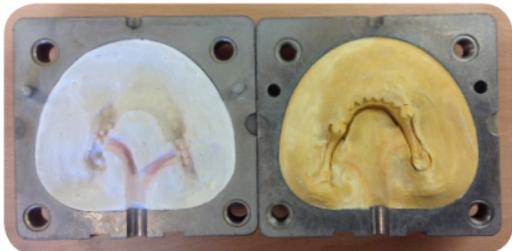
8. After the gypsum has hardened, apply petroleum jelly or plaster and stone separator to the gypsum surface and position top half of the flask in place and screw it down.

Note: Do not over tighten.



9. After the top flask section of the gypsum is set, remove the bolts and place the flask in boiling water for 5 minutes and then remove wax.

10. Once all the wax has been removed, leave the model for 5 minutes at room temperature and apply Diamond D® Ultra Sep separator. After the separator has dried, close flask and tighten bolts. It is now ready for the injection of Clearmet.



11. TCS: Place the medium size ClearMet cartridge in the TCS furnace at 542°F for 19 minutes.

Valplast: Place the medium size ClearMet cartridge in the Valplast furnace at 542°F for 19 minutes.

Note: For small cartridges, heat for 16 minutes

12. After injection, de-flask and remove the denture. Finish the denture using conventional methods.

