

5. Cooling and removal of denture

After polymerizing, allow the flask to cool for at least 30 minutes in the open air, and then immerse it in cold water to cool completely. Remove the bolts and nuts. Using a wooden mallet, tap tightly on the thick-walled portion of the back rim of the FRP FLASK to remove the embedded denture. Never tap the area near the bolt insertion holes of the upper and lower halves of the flask.

NOTES

1. When using the flask press for trial closure, use the flask guard (optional) to protect the FRP FLASK from deformation or breakage.
2. When tightening the nuts, first tighten fully by hand and then rotate to an angle of 60° using the supplied wrench. Be careful to avoid overtightening, which can cause damage to the bolt threads.
3. Generally, there is no need to apply separating agent to the inside surface of the FRP flask except the plaster escape holes. However, if the flask surface is rough after prolonged use, apply vaseline, etc. as needed.

PACKAGE

Box of FRP FLASK (1), bolt (3), nut (3), wrench (1)

* Flask guard is available separately.



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FRP FLASK

Prior to use, carefully read these instructions for use.

The GC's FRP FLASK, a lightweight flask made of fiber reinforced plastic, has been developed for curing denture base resins.



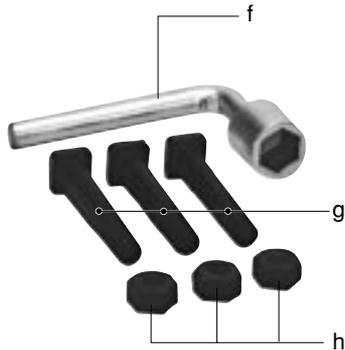
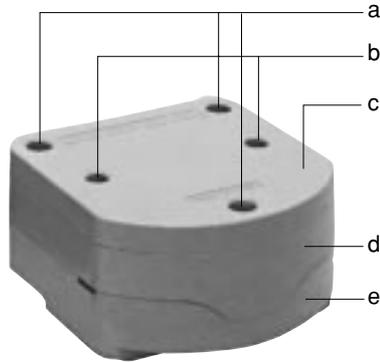
SPECIAL FEATURES

1. Applicable for polymerization of all sizes of denture bases, full or partial.
2. Use of carefully selected materials ensures high durability.
3. Easy plaster removal. Requires no separating agent.

NAMES OF PARTS

Flask

- a. Bolt hole
 - b. Plaster escape hole
 - c. Cover
 - d. Upper half
 - e. Lower half
-
- f. Wrench
 - g. Bolt
 - h. Nut
 - i. Flask guard (Optional)



DIRECTIONS FOR USE

1. Wax denture investment

Apply a separating agent such as vaseline to the plaster escape holes. Invest the wax denture in the FRP FLASK using GC ADVASTONE or other similar plaster. Then remove any excess plaster coming out of the escape holes.

2. Wax removal

Remove the wax by the usual method. After removing the softened wax, flush away completely any remaining wax with hot water containing an ordinary neutral detergent, then apply GC ACRO-SEP (resin separator) to the plaster mold.

3. Resin packing and trial closure

After the resin has reached a 'dough stage', pack it into the plaster mold, and perform trial closure. This operation can be efficiently performed without damaging the FRP flask, if you use a flask guard, which is available separately. Install the flask guard over the cover by fitting the legs of the flask guard into the bolt holes of the flask.



Pack the dough-like resin and assemble the cover, upper half and lower half of the flask using the flask guard legs as a guide. Set the flask in the flask press, with the flask guard on top of the flask, and apply pressure. Then remove excess resin by the usual method.

4. Flask nut tightening

Insert the provided bolts from the lower half of the flask, and apply pressure using the flask press. Attach the nuts to the bolts above the cover. Tighten them fully BY HAND, and turn them to an angle of about 60° using the supplied wrench. Do not turn more than 60°. Otherwise, the bolts can fatigue over repeated uses and ultimately break. When tightening the bolts with a torque wrench, the tightening force should be 40kgf/cm².

