

# Denture Duplicator Flask

## Package Contents

|          |                                                                                                                                                                                            |
|----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| REF 0398 | One Flask                                                                                                                                                                                  |
| REF 0395 | One Flask, Jet Tooth Shade Powder: 2x45 g Net Wt., Jet Denture Repair Powder: 2x100 g Net Wt., Jet Liquid: 236 mL Net Vol., Silicone Spray: 236 mL Net Vol., measuring cups, glass dropper |
| REF 0399 | One Flask, Jet XR Powder: 2x45 g Net Wt., Ortho-Jet Powder: 2x100 g Net Wt., Jet Liquid: 236 mL Net Vol., Silicone Spray: 236 mL Net Vol., measuring cups, glass dropper                   |

## Intended Purpose

To create a duplicate denture from a patient's original denture, or to create a surgical guide/implant stent.

## DENTURE DUPLICATION

### Other Materials / Equipment Needed

|                                            |                          |
|--------------------------------------------|--------------------------|
| Alginate                                   | Bur, pumice, lab polish  |
| Spatula                                    | Measuring cup            |
| Aquapres® / pressure curing unit, optional | Jet™ Adjusters, optional |
|                                            | Jet™ Seal, optional      |

## Instructions for Use



- Spray inside of flask with silicone spray to facilitate post procedure clean-up.
- Fill half of flask with alginate.



2

- Place existing denture into alginate. Teeth should be perpendicular to the bottom of the flask.
- With wet fingers, smooth alginate from borders of denture to rim of flask, removing excess alginate.



3

- After alginate is set, trim excess that covers the denture.



4

- Spray denture and surrounding alginate with silicone spray.
- Fill other half of flask and palate side of denture with alginate.
- With wet fingers, smooth alginate to ensure complete coverage, working quickly before alginate sets.



5

- Close flask with steady pressure. Secure thumb screw and allow alginate to set.
- Trim excess alginate.
- Open flask and remove denture. If there are any gross defects in the impression, make corrections now or retake impression.



6

- Select appropriate Jet Tooth Shade powder. Fill teeth in impression as follows: Shake liquid. Moisten surface with Jet liquid. Spray on Jet powder. Alternate liquid and powder until teeth are filled to gingival border. When acrylic appears dull, use small spatula to push acrylic down to redefine gingival borders of all teeth.



7

- Cure for 15 minutes, either on bench or, for best results, in Aquapres at 30 psi. (Curing under pressure eliminates porosity, making a strong, dense, aesthetically superior denture.)
- With bur, trim teeth interproximally. Place trimmed teeth back into impression.



8

- Place 30cc of Jet Denture Repair powder into measuring cup. Add 15cc of Jet liquid and mix for 10 seconds.
- Pour 75% of mixture into lower half of flask. Pour remaining acrylic over palate on upper half of flask.
- With slow and steady pressure, close and secure flask. (Excess speed or pressure may cause distortion.)
- Remove excess acrylic flashing from outside of flask, as hardened acrylic will inhibit movement of hinge and thumb screw.
- Cure for 15 minutes as previously instructed.



- Remove denture from flask, clearing away all excess acrylic.
- Grind to a smooth finish.
- Polish with pumice, then high shine.



- Use Jet Adjusters for polishing and characterizing teeth.
- Finish with Jet Seal to fill in any surface porosity and leave a shiny, finished surface.

## **CLEAR SURGICAL GUIDE / IMPLANT STENT**

### **Other Materials / Equipment Needed**

Alginate  
Spatula  
Measuring Cup

Aquapres® pressure curing  
unit, optional  
Bur, pumice, lab polish

### **Instructions for Use – Clear Guide**

Follow Steps 1-5 as shown for Denture Duplication.

6. Place 30cc of Ortho-Jet powder into a measuring cup. Add 15cc of Jet liquid and mix for 10 seconds. Pour 75% of mixture into the impression of the denture in the lower half of flask. Ensure that acrylic flows completely into all incisal and occlusal spaces without trapping any air.

Pour the rest of the mixture over the palate on the upper half of the flask.

7. With slow and steady pressure close and secure flask. (Excess speed or pressure may cause distortion.) Cure for 20 minutes either on bench or, for best results, in Aquapres at 30 psi.

Follow Step 9 for the Denture Duplication to complete procedure.

## **Instructions For Use — Radiopaque Appliance**

Follow steps 1-5 as shown for Denture Duplication.

6. Follow instructions for Denture Duplication, replacing the Jet Tooth Shade powder with the Jet XR Opaque powder.
7. Same as for Denture Duplication.
8. Follow instructions for Denture Duplication, replacing the Jet Denture Repair powder with the Jet XR Shadow powder.

Follow Step 9 for Denture Duplication to complete procedure.

### **Warranty**

Manufacturer warrants this product to be free from manufacturing defects for one year from date of purchase. Warranty is void if product is not used for intended purpose or not used as instructed.



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