

# AccuDent<sup>®</sup> XD

Alginate Impression System

## Office Procedure Guide

### Short Instructions

#### Materials Needed:

- Water at 73° F (3rd Bowl)
- 2 mixing bowls and spatulas
- AccuDent XD Syringe
- 1 packet AccuDent XD Syringe Powder
- 1 packet AccuDent XD Tray Powder
- AccuDent XD Measuring Vial
- AccuDent XD Impression Tray
- Gauze for wiping vestibules
- AccuDent XD Tray Adhesive



### Tray Selection - Dentate

Mandibular		Maxillary	
Small	5	Small	6
Medium	3	Medium	4
Large	1	Large	2




Tray Adjustment (if necessary)



158° F water for 20 seconds.  
Let cool for 10 seconds.

### Mixing Sequence


- 1** Apply Tray Adhesive.  
Let dry for 3-5 mins.


- 2** Mix the Syringe Gel with **21ml of 73°F water**.


- 3** Spatulate the Syringe Gel for **45 seconds**.


- 4** Backload the syringe and replace the plunger. Set aside syringe.



- 5** Mix the Tray Gel with **44ml of 73°F water**.



- 6** Spatulate for **45 seconds** or until smooth.





### Procedure


- 7** Load the tray from posterior.


- 8** Syringe Gel onto dentition, posterior to anterior. Repeat for opposing arch.


- 9** Without tip, dispense Syringe Gel onto vestibules and a small amount into the anterior vault.


- 10** Place tray front to back. Do not over-seat.  
**Total Set Time: 3 mins 45 secs** from mixing of Syringe Gel.


- 11** Remove tray carefully and rinse. Do not pull on handles.  
**Disinfect and pour model immediately.**



### Tray Selection - Edentulous

Mandibular		Maxillary	
Small	11	Small	12
Medium	9	Medium	10
Large	7	Large	8



Tray Adjustment (if necessary)



158° F water for 20 seconds.  
Let cool for 10 seconds.

### Mixing Sequence

**1** Apply Tray Adhesive.  
Let dry for 3-5 mins.

**2** Mix the Syringe Gel with  
21ml of 73°F water.

**3** Spatulate the Syringe Gel  
for 45 seconds.

**4** Back load the syringe  
and replace the plunger.  
Set aside syringe.

**5** Mix the Tray Gel with  
44ml of 73°F water.

**6** Spatulate for 45  
seconds or until  
smooth.

### Procedure

**7** Load the tray from posterior.

**8** Syringe Gel into mucobuccal  
fold posterior to anterior.  
Repeat for opposing arch.

**9** Syringe a small amount of  
gel in the anterior vault.

**10** Place tray front to back.  
Do not over-seat.  
**Total Set Time:**  
**3 mins 45 secs** from mixing  
of Syringe Gel.

**11** Remove tray carefully and  
rinse. Do not pull on handles.  
**Disinfect and pour model  
immediately.**