

# BioTracer

(Intra Oral Tracer)

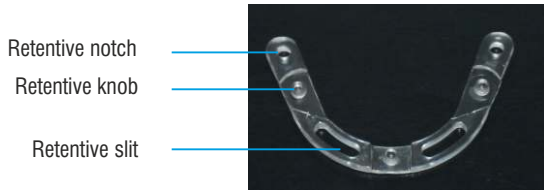
## Instruction for Use

Biotracer attachment is a device used to determine the patient's centric and vertic dimension in an edentulous situation.

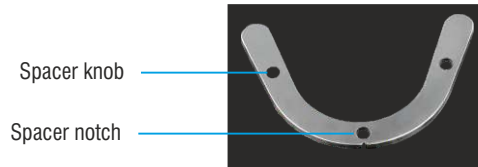
### Biotracer Components:

1. Retentive plates – to accommodate biotracer

2. Spacers – provides space for biotracer



Tracing Retainer  
(Single Use)

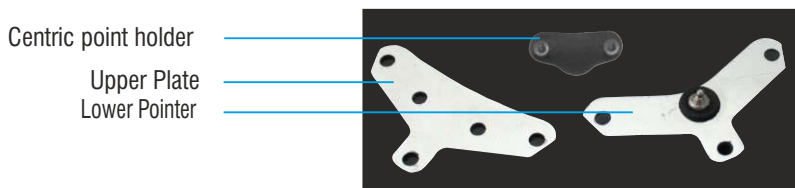


Bite Rim - Stainless Steel  
(Autoclavable)



Upper tracing plate FB  
(for Facebow Technique)

### 3. Biotracer



Upper (Average) & Lower Tracing Plates  
(Autoclavable)



Fig 1: Tentative centric impression



Fig 2: Primary cast articulated using tentative centric impression



Fig 3: Articulated Primary cast

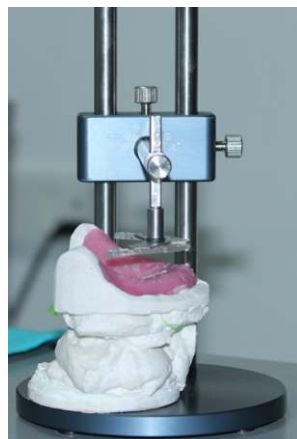


Fig 4: Tracing Retainer is attached using a parallelometer or surveyor



Fig 5: Tracing retainer in occlusal plane of the model



Fig 6: Completed Biotracer attachment



Fig 7: Plastic bite rim adapted to the Tracing Retainer



Fig 8: Biotracer attachment tried in Patient's mouth. Check for any discomfort and occlusal plane

**Note:** The tracing retainers are attached using a light curing tray Sheets and cured in a light curing chamber.



Fig 9: Tray Adhesive application



Fig 10: Air dry the tray adhesive



Fig 11: Apply Heavy body silicone along the borders



Fig 12. Border moulding is done using heavy body Silicone material

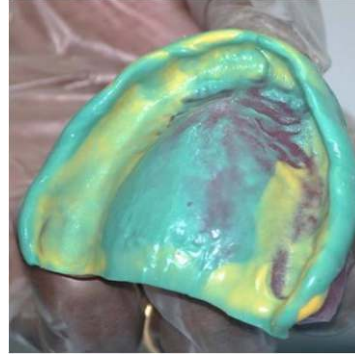
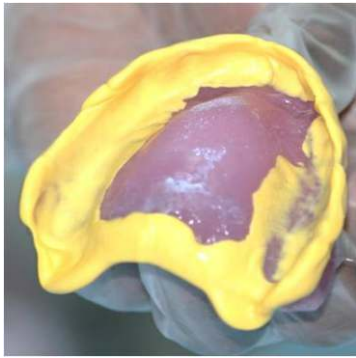


Fig 13: Upper Final impression completed using a light body silicon impression

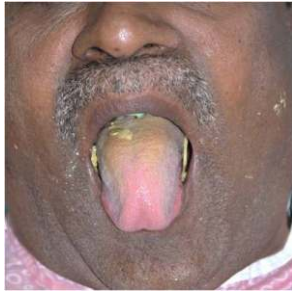


Fig 14: Lower Final impression completed using a light body silicon impression



Fig 15: Upper BioTracer with final impression and plastic bite rim in place



Fig 16: Plastic bite rim is removed from the tracing retainer.



Fig 17: Plastic bite rim is replaced with Upper Tracing plate on the tracing retainer using the slots.



Fig 18: Lower BioTracer with final impression and plastic Bite Rim



Fig 19: Plastic bite rim is removed from the tracing retainer.



Fig 20: Lower Tracing plate is fixed on the tracing retainer using the slots.



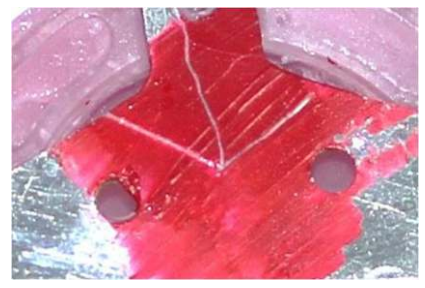
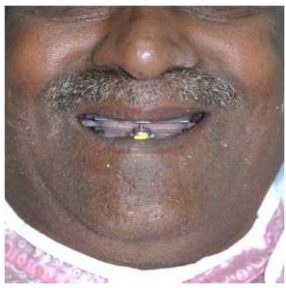


Fig 21: Gothic arch tracing procedure

Fig 22: Completed Tracing Plate with (arrow) mark



Fig 23: Centric Location is marked on the securing plate



Fig 24: A Hole is made for the tracing pointer to engage



Fig 25: Secure plate is fitted to the upper tracing plate



Fig 26: Biotracer attachment in the patient's mouth with the secure plate



Fig 27: The upper & lower plates are sealed together in the centric position by injecting a Bite Registration Silicone between the tracing Plates



Fig 28: Completed Jaw Relation ready for articulation.



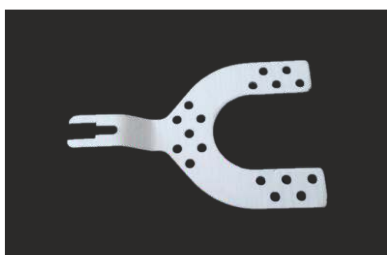
Fig 29: Articulated Final Cast



Fig 30: Completed Teeth Set up

**Note:** The above procedure done with average Technique. The same can be done using a face bow.

### Our New Products



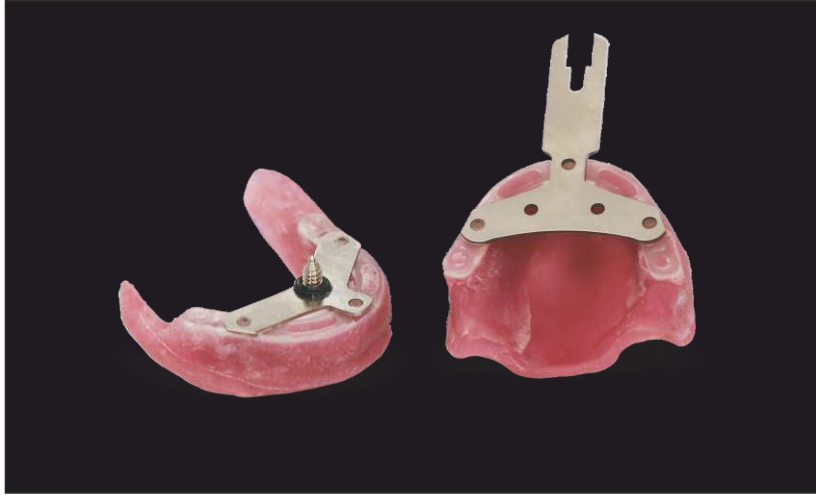
Bite-Fork



Tentric Recorder



Fox Plane (for Occlusal Orientation)



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