

rimformer

Shaping Smiles, Crafting Quality

The Rim Former

The Rim Former is a specially designed instrument used to quickly establish the horizontal plane of occlusion of the Esthetic Control Base (ECB) and buccal Corridor of the ECB. The Unique feature of the Rim Former is its raised hamular notch ledge at the posterior end of the plate. This ledge is 4 mm in height, and is designed to fit into the hamular notches of each maxillary cast. It is a general rule that the hamular notches are horizontal to the cranium. Therefore using the Rim Former will automatically establish the proper horizontal plane of occlusion for each patient.

Instructions for Use – Upper Bite Block

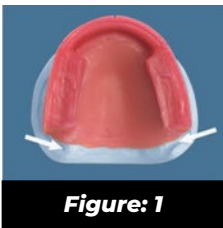


Figure: 1

Be sure that your base plate is properly trimmed to expose both Hamular Notches. (Figure 1)

Heat the Rim Former until it "smoking hot" (Figure 2)

CAUTION! To avoid any wax splatter, make sure that there is no moisture on the wax or cast. Use a container to catch the molten wax.

CAUTION! This instrument is heated in an open flame. Any part of the instruments can be very hot.

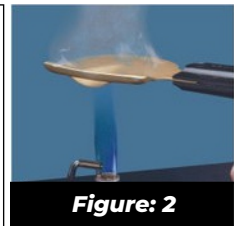


Figure: 2

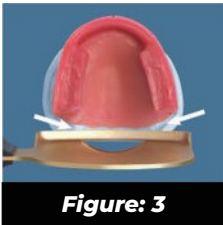


Figure: 3

Hold the cast with the posterior end of the wax rim down. Place the Raised Hamular Notch Ledge of the Rim Former firmly into the Hamular Notches (Fig. 3). Now rotate the cast forward so that the Rim Former melts the wax rim to the marked incisal edge line (Fig. 4). **Make sure the Raised Ledge of the Rim Former does not slip out of the hamular notches.** It must be in contact with both hamular notches during the entire melting procedure.

When you have reduced the wax to the intended height, stop and remove the Rim Former by sliding it posteriorly.

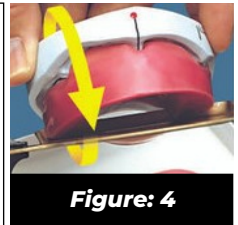


Figure: 4

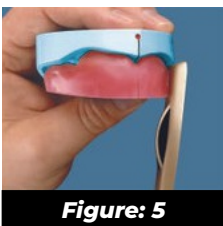


Figure: 5

To establish the buccal corridor, reheat the Rim Former and hold it against the buccal surface of the wax rim at an angle of about 10 degrees off vertical. Reduce the wax from the posterior border of the ECB to the distal of the cuspids. (Fig. 5).

See reverse for sterilization procedures.

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Instructions for Use – Lower Bite Block

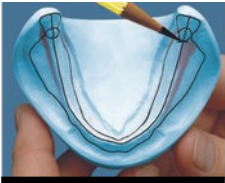


Figure: 1

Place a mark at the base of each retromolar pad. If they are not the same height mark the base of the higher pad and mark the base of the other pad at that level. (Figure 1)

Use the set up plate on the model to ensure the marks are level, then extend the marks to the edge of the model. (Figure 2)

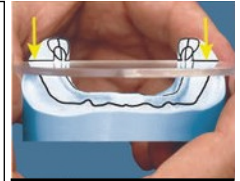


Figure: 2



Figure: 3

Place the baseplate onto the model and transfer the marks onto the base plate. Use a stone to grind notches in the base using the marks as a guide. (Figure 3)

After placing the wax rim, make a mark 14mm up from the labial vestibule. (Figure 4)

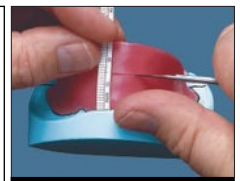


Figure: 4



Figure: 5

Heat the rim former smoking hot and place the raised edge of the rim former into the notches on the baseplate. (Fig. 5).

6. Rotate the model slowly so the rim former melts the wax rim to the line marked on the front of the rim. Be sure the rim former stays firmly seated in the notches. (Figure 6)

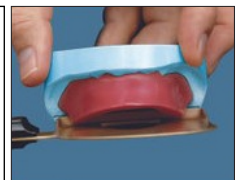


Figure: 6

Note: The versatility of the Rim Former makes its use suitable for various dental and medical applications in dental offices and hospitals. As each institution's equipment and procedure for sterilization can vary, we have constructed the Blue Dolphin Rim Former of durable materials that will withstand any and all recognized RME (reusable medical equipment) sterilization methods

Follow AAMI Standards for Cleaning, Disinfection and Sterilization



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Autoclave Temperature and Time Pressure Chart

STERILIZER	TEMPERATURE	PRESSURE	Time
Steam Autoclave	121 C (250 F)	15 PSI	15 Minutes
Unwrapped Items	132 C (270 F)	30 PSI	3 Minutes
Lightly Wrapped Items	132 C (270 F)	30 PSI	8 Minutes
Heavily Wrapped Items	132 C (270 F)	30 PSI	10 Minutes
Dry Heat Warpped	170 C (340 F)		60 Minutes
	160 C (340 F)		120 Minutes
	150 C (300 F)		150 Minutes
	140 C (285 F)		180 Minutes
	121 C (250 F)		12 Hours
Dry Heat (Rapid Flow)	190 C (375 F)		6 Minutes
Unwrapped items			
Dry Heat (rapid flow)	190 C (375 F)		12 Minutes
Packaged Items			
Chemical Vapor	132 C (270 F)	20-40 PSI	20 Minutes
Ethylene Oxide	Ambient		8-10 Hours

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