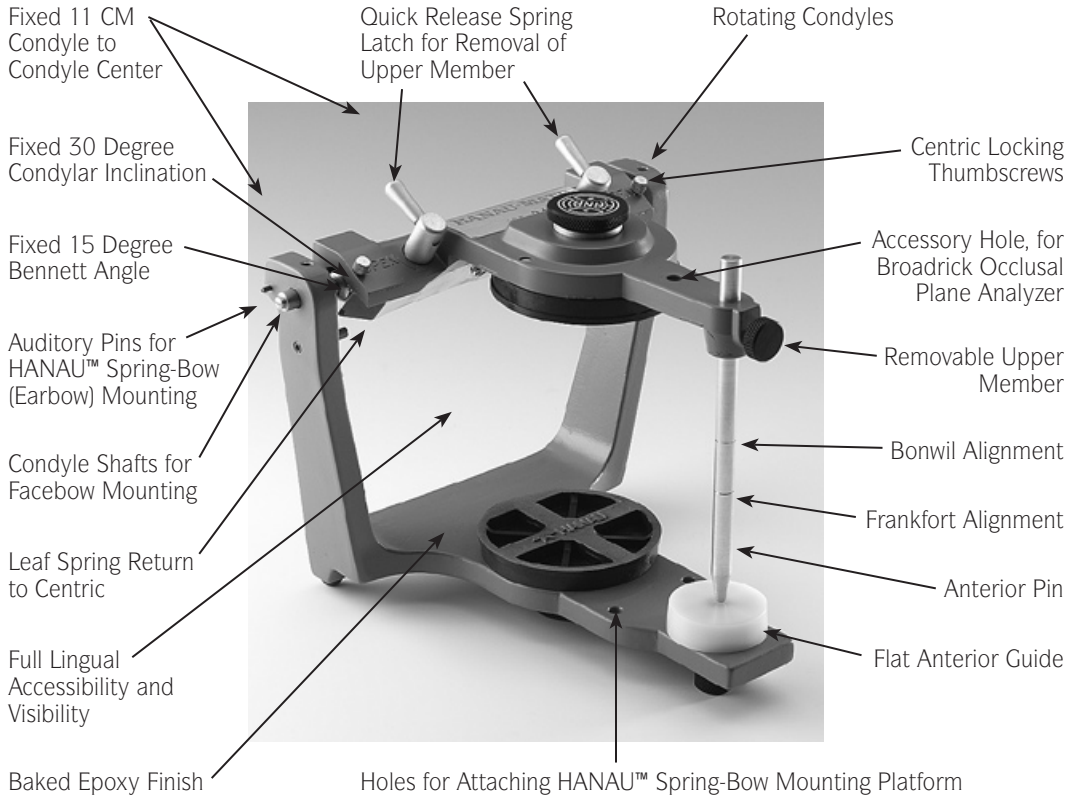


***Hanau-Mate®***  
***Non-Adjustable Articulator***

*Item No. 009856-000*



***Hanau-Mate®***  
***Item No. 009856-000***  
***Average Value Articulator***



## ***HANAU-MATE PREPARATION***

---

- 1 Rotate SPRING LATCHES to engage LEAF SPRING pressure against ROTATING CONDYLES at centric.
- 2 Engage both CENTRIC LOCKING THUMBSCREWS.
- 3 Align registration groove of ANTERIOR PIN at underside of UPPER MEMBER.
- 4 Lock THUMBSCREW.

## ***DIRECT MAXILLARY CAST MOUNTING with a HANAU™ SPRING-BOW Item No.010328-000***

---

- 1 Suspend EARPIECES over AUDITORY PINS.
- 2 Lower ELEVATING PIN to align the ANTERIOR REFERENCE at approximately 1.5 MM (1/16") below UPPER MEMBER.
- 3 Support BITEFORK index with an accessory CAST SUPPORT, Item No. 003401-000 or with wooden wedges or clay.
- 4 Seat the maxillary cast in the BITEFORK index and lute with wax. Rotate the ANTERIOR REFERENCE out of the mounting area.
- 5 Spatulate stone or plaster into MOUNTING PLATE and onto the cast; swing the UPPER MEMBER forward to contact the ANTERIOR PIN at the ANTERIOR GUIDE. Complete the mounting.

## ***INDIRECT MAXILLARY CAST MOUNTING with the MOUNTING PLATFORM FROM A HANAU™ SPRING-BOW Item No.010328-000***

---

- 1 Remove LOWER MEMBER MOUNTING PLATE.
- 2 Unscrew and remove LOWER MEMBER MOUNTING PLATE THUMBSCREW. Store for later use.
- 3 Lubricate the UPPER MEMBER CAST well and MOUNTING PLATE THUMBSCREW THREAD. Attach MOUNTING PLATE.
- 4 Attach SPRING-BOW MOUNTING PLATFORM TO LOWER MEMBER using the two SPRING-BOW THUMBSCREWS.  
**DO NOT USE LOWER MEMBER MOUNTING PLATE THUMBSCREW.**
- 5 Insert TRANSFER ROD/OCCLUSAL INDEX ASSEMBLY into MOUNTING PLATFORM SOCKET and finger tighten TAPERED THREAD THUMBSCREW to secure to flat side of TRANSFER ROD.
- 6 Raise PIVOT to support BITEFORK index and lock.
- 7 Seat and lute with wax the MAXILLARY CAST in the BITEFORK index.

*continued on page 4*

- 8 Spatulate stone or plaster onto UPPER MOUNTING PLATE and onto the cast; swing UPPER MEMBER forward to contact the ANTERIOR PIN at the ANTERIOR TABLE. Complete the mounting. Wipe excess stone.
- 9 After model has set, proceed to MOUNTING MANDIBULAR CAST and reattach MOUNTING PLATE and THUMBSCREW to LOWER MEMBER.

***AVERAGE MAXILLARY CAST  
MOUNTING with the FRANKFORT  
MOUNTING PLATFORM  
Item No. 009866-000***

---

- 1 Rest FRANKFORT MOUNTING PLATFORM on LOWER MEMBER, narrow cut-out at ANTERIOR GUIDE end.
- 2 Place the MAXILLARY CAST onto the MOUNTING PLATFORM and align the medial incisal edge over the "CROSS LINES".
- 3 Lute cast into position with sticky wax.
- 4 Spatulate stone or plaster into MOUNTING PLATE and onto the cast; swinging UPPER MEMBER forward to contact the ANTERIOR PIN at the ANTERIOR GUIDE. Complete the mounting.

***MOUNTING MANDIBULAR CAST***

---

- 1 Remove the SPRING-BOW or MOUNTING PLATFORM and clean the maxillary occlusion surfaces of wax.
- 2 Seat the MANDIBULAR CAST in centric relation.
- 3 Hold casts together with a rubber band and/or sticky wax.
- 4 Spatulate stone or plaster into MOUNTING PLATE and onto the cast as shown. Swing UPPER MEMBER forward to an ANTERIOR PIN/ANTERIOR GUIDE contact. Complete the mounting.
- 5 Cut and remove the rubber band after complete set of the mounting, remove luting and clean occlusion.

## ***PROTRUSION***

---

- 1 Release the CENTRIC LOCKING THUMB-SCREWS.
- 2 Thumb pressure at the anterior of the MAXILLARY CAST will assure PROTRUSION.
- 3 The LEAF SPRING will return the UPPER MEMBER to centric after releasing PROTRUSIVE and RIGHT or LEFT LATERAL excursions.

## ***LEFT LATERAL***

---

- 1 LEFT LATERAL movements are made by thumb pressure at the LEFT side of the MAXILLARY CAST. This assures that the CONDYLES follow the BENNETT movement on the working side and the BENNETT ANGLE on the balancing side.
- 2 RIGHT LATERAL excursions are made with pressure at the RIGHT side of the MAXILLARY CAST.
- 3 The ANTERIOR PIN helps maintain the vertical dimension of occlusion. DO NOT use it as a “handle” for making excursions. It will likely disrupt the occlusal timing and rotation when moving to a RIGHT or LEFT LATERAL.

## ***ADDITIONAL NOTES OF IMPORTANCE***

---

Rotate the SPRING LATCHES toward “OPEN”. This permits removal of the UPPER ARTICULATOR MEMBER.

To return the HANAU-MATE® to centric, release the SPRING LATCHES from the “OPEN” position.

The CENTRIC LOCKING THUMBSCREWS add security and assure an accurate opening and closing of the UPPER MEMBER at centric.

The casts may be removed from the HANAU-MATE® by removing the UPPER MEMBER, unscrewing the MOUNTING PLATE KNOBS and unseating the MOUNTING PLATE from its locating pin.

Mark the serial number of the HANAU-MATE on the casts. This will assure accurate fit in cases where you own more than one HANAU-MATE® ARTICULATOR.

Serial numbers appear on the UPPER and LOWER MEMBERS. This matching set of UPPER and LOWER MEMBERS of the HANAU-MATE® should not be interchanged with others.

## ***CUSTOM ANTERIOR GUIDANCE***

---

- 1 Casts have been mounted and the ANTERIOR PIN contacts the ANTERIOR GUIDE at centric relation.
- 2 Lubricate the ANTERIOR GUIDE surface and the “tip” of the ANTERIOR PIN with petroleum jelly.
- 3 Mix PER INSTRUCTIONS ON ACRYLIC KIT. Spoon the doughy acrylic onto and overflow the ANTERIOR GUIDE surface.
- 4 Place a .013 MM (.0005”) sheet of food wrapping on the MAXILLARY CAST.
- 5 After five minutes, close the articulator to centric. Manipulate the MAXILLARY CAST through PROTRUSION, then RIGHT and LEFT LATERAL, always returning to centric and then repeating the excursions. Setting time is eight to ten minutes from the start of mixing.
- 6 Remove the plastic wrapping and use the HANAU-MATE® as programmed.
- 7 Upon completion of the case, the CUSTOM PANTACRYLIC GUIDANCE may be snapped off of the ANTERIOR GUIDE by gently prying.

The PANTACRYLIC GUIDE and casts may be replaced onto this same HANAU-MATE® at any time.

## ***WARRANTY***

---

Whip Mix Corporation warrants the articulator system to be free from defects in material and/or workmanship for a period of one year. In the event of a defect, please notify the factory in writing of the defect prior to returning the instrument. Whip Mix Corporation will, at its option, either repair, replace or issue credit for such defects.

Because Whip Mix Corporation is continually advancing the design of its products and manufacturing methods, it reserves the right to improve, modify or discontinue products at any time, or to change specifications or prices without notice and without incurring obligations.

## CARE AND MAINTENANCE

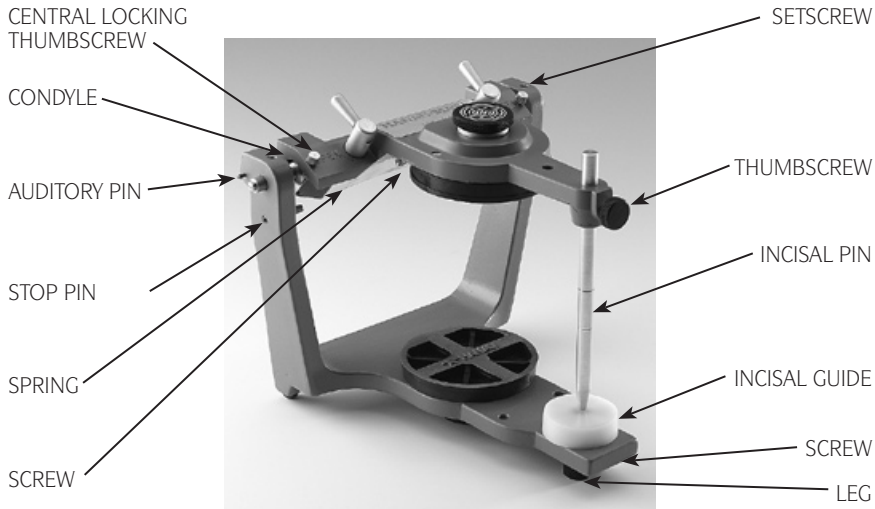
---

Your Whip Mix® articulator is a precision instrument and requires care and maintenance. Periodic cleaning and lubricating as described below will assure prolonged life and dependable service from the instrument. Failure to follow these instructions will void your warranty.

**CLEANING** - Use a mild soap and water solution with the aid of a brush to dissolve accumulations of wax and to wash away carborundum grit. Then air dry and lubricate. DO NOT use strong detergents, alkalis, gasoline or naphtha as cleaning agents!

**LUBRICATION** - Lubricate the working and bearing components with a **thin film** of sewing machine or high speed handpiece type oil. Wipe off excess oil to prevent accumulations of dust or grit. A thin coating of petroleum jelly must be applied to all articulator surfaces that will be contacted by the gypsum mounting material.

**STORAGE** - Store the articulator in a clean, dry atmosphere free of plaster and carborundum dust; away from acids, alkalis or corrosive medicaments. **Wait a full day after mounting casts before storing the articulator in a carrying case or corrugated carton.** Moisture dissipation from the stone in an enclosed area causes alkalinity of the stone mixture which can damage the articulator surface.





RESTORATIVE ORAL HEALTH

Whip Mix Corporation - West  
1730 East Prospect Rd., Suite 101  
Fort Collins, CO 80525  
Toll-Free: 1-800-201-7286  
Fax: 1-970-472-1793  
[www.whipmix.com](http://www.whipmix.com)

©2008 Whip Mix Corporation  
Whip Mix® and Hanau logo are registered  
trademarks of Whip Mix Corporation.  
Hanau™ is a trademark of Whip Mix  
Corporation.

Printed in U.S.A.  
FN 339581-F AE R0508