

1. Artimax[®] cases are faster and easier to produce

Far faster than conventional Model & Die Systems!

Artimax[®] Takes LESS than 5 minutes per case

Just pour the stone, insert the pins, close the bite, let it set and open. It's done !!



Artimax[®] eliminates ALL of these costly and time consuming processes!

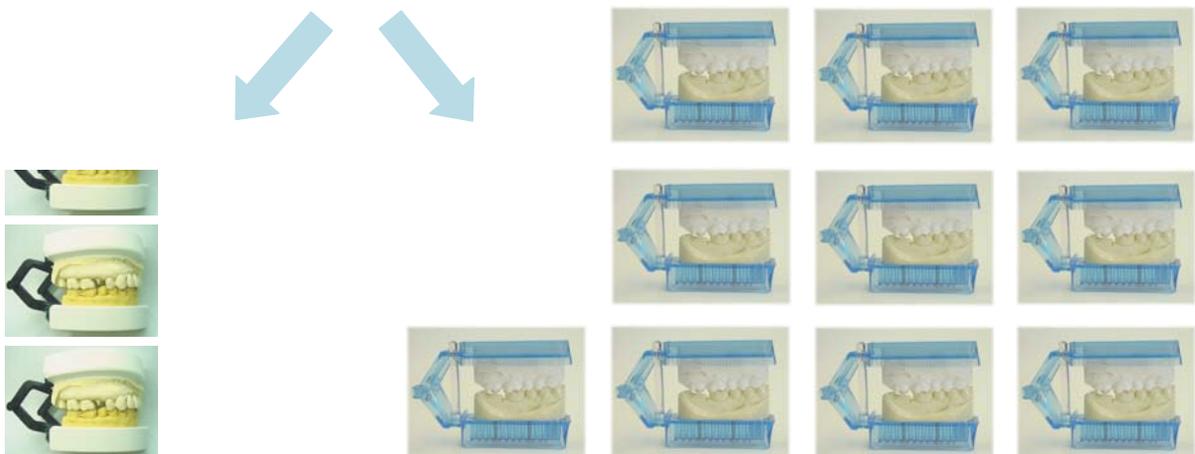
Requires a minimum of 25 min. per case

Conventional Method



Just look at how Artimax[®] can improve your production time

In 1 hour...



The conventional method produces less than 2.5 cases

Artimax produces as many as 10 cases

2. **Artimax**[®] provides amazing accuracy

Ultimately eliminates Die Sway & Die Rotation problems

Maximum Die Stability

1 Conical retention struts

2 Corrugated wall option

3 Tight, tapered dowel pin

Absolutely No "Die Sway" or "Die Rotation" Problems

Combined function of the retention struts, short wavy walls, and metal pins maximizes the die stability, eliminating mesial or distal movement of sectioned dies. This feature is especially essential for long bridge cases where eliminating Die Sway is a must.



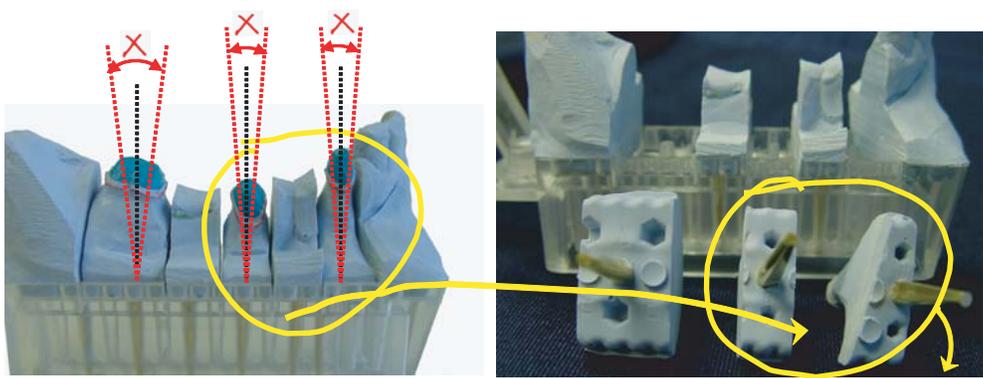
Sectioned dies are held snugly into place by friction, while remaining easily releasable

Plastic pin holes are non-erosive, unlike stone base methods. They are always accurate and keep the dies stable and secure.



Dies NEVER Sway!!!

You can get a more accurate bridge substructure and eliminate contact errors with **Artimax**[®]



Every sectioned die is held completely stable and does not make any vertical movement, mesially or distally. This feature is a must for fabricating an accurate bridge substructure and for eliminating contact errors.

The pin is always in line with protruding retention struts. Therefore, even the smallest dies will have no mesial or distal movement since they have at least one pin and the corresponding internal retention struts under them.

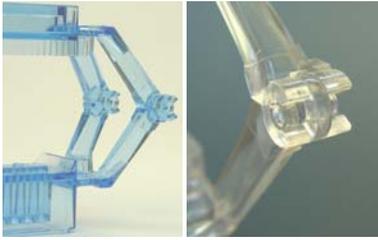


Rigorous testing and stringent quality control measures ensure consistency of the plastic in all aspects including pinhole dimensions and thinness of the pinhole coverings. (All articulators are made in the USA)

3. Artimax[®] is more efficient than any other system !

Uses conventional modes, such as pins and thumb cavities, more efficiently

1. Most Superior Built-in Hinge



Centric: A⁺
(from Day 1 - Day 365)

Lateral: A⁺

Protrusive: A⁺

Stability: A⁺

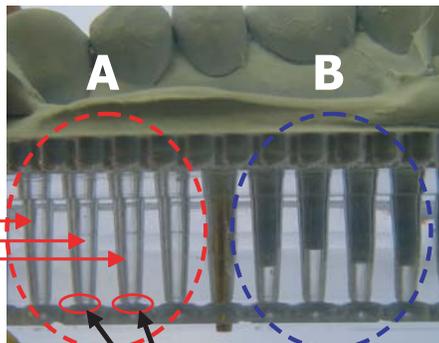
The fact that the built-in hinge eliminates use of harmful glue and streamlines the whole model and die process is a simple understatement for Artimax. **Not every built-in hinge is created equal.** The joint area of Artimax's hinge is so unique and stable, it's the only built-in hinge in the market that is sturdy and reliable. Plus, this built-in hinge plays a pivotal role in reproducing the exact bite the doctor provided (with Closed Bite Auto Articulation technique) and in securing and maintaining the accurate occlusal relationship between upper and lower teeth from day 1 until the very day the crown is delivered to your doctor.



2. Patented Pin Hole Covering Method

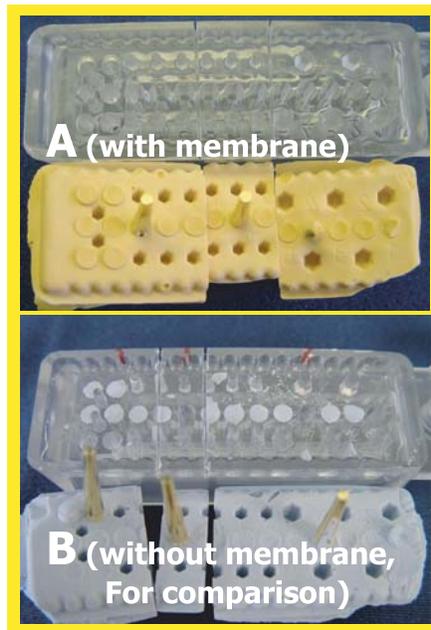
Stone does not flow into the pinholes
So, dies are released very easily

No excessive grip from
pinholes or tray walls



A : **Thin membrane** not eliminated
→ Stone does not flow into the pin hole
B : Thin membrane eliminated for comparison
→ Stone flows into the pin hole and becomes embedded

The end of each pin hole is closed by a thin plastic membrane. This membrane is engineered for easy piercing by a metal pin pushed with a plastic handle portion of impression tray. And, when the semi-liquid stone is poured on the tray, the Airstop membrane creates **air pocket** that prevents the stone from entering pin holes and becoming embedded in the tray. This patented design increases efficiency and eliminates problems routinely encountered with other brands.



Segmented dies are easily separated from the tray bed **without the use of extra tools** unlike other systems that have excess grip due to stone in the pinholes.



Segmented dies remove cleanly and easily without the need to be broken from off the tray

- No possibility for stone debris or dust to become lodged between dies and tray bed
- **Clean tray bed** during the entire work process
- **Master die(s) and adjacent dies sit completely** and this can be checked visually
- Greatly helps in reducing Occlusion Problems

3. Thumb Cavity[™] Easy release of wet porcelain buildups



Thumb Cavity[™] facilitates the removal of the pin from the tray, and thus easy removal of the prosthesis work from the die at the initial stage of porcelain build up.

When the wet porcelain is not yet solid (before the first bake) the build up is fragile. The Thumb Cavity[™] allows the technician to push up softly and smoothly on the tip of the pin.

This design is also useful for subsequent engagement and disengagement of the master die to and from the tray. **Hold the master die softly with the thumb and index finger** of one hand and press up softly with the finger tip of the other hand.

4. Artimax[®] is more versatile than ANY other brand!

Please see our educational video tape for more details

1 Min. Bite Adjustment

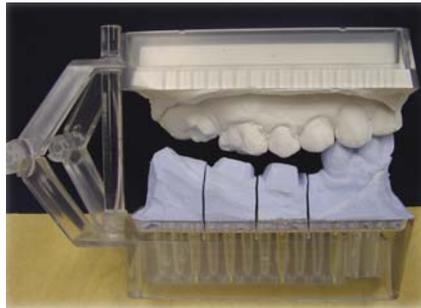


When the patient did not bite down correctly into the impression, it takes less than 1 minute to adjust the bite. Simply soften the articulating arms of either the working side tray or opposing side tray using the Artimax bite adjustment heat gun for about 30 seconds.

While the hinge is soft, the bite can be adjusted. After finding the correct bite, hold the articulator still for about 30 seconds so the new bite can be set.

- ✓ No Black Marks
- ✓ No Flame
- ✓ No Burning, No Bubbles
- ✓ Can be heated multiple times

Posterior Vertical Stop



Posterior stop rod maximizes the stability of the Artimax for terminal (or free-end) units. Insert the plastic rod through the hole of the opposing tray and glue to get vertical resistance of the hinge and to preserve the occlusal clearance and bite the doctor has provided.

Single Side Impression



Pre-poured Model



Trim the pre-poured models to fit the trays. Mark the working model and working tray to align them, place pins; pour the working tray; hand articulate the models with sticky wax, followed by pouring the opposing tray.

Refractory Die Method



You can duplicate the master die (with refractory investment) in less than 5 minutes. See additional "Refractory Die Method" for details of this method.

5. Artimax[®] is based on Closed Bite Auto Articulation[™] Technique

Far Fewer High Occlusion Problems

It virtually eliminates laboratory factors of High Occlusion by excluding the guess work of hand articulation



Occlusal relationship between upper and lower teeth is 100% identical to that of the original impression

The essence of this technique is that by the time both upper and lower casts are separated from the impression, they have already been automatically articulated with the stable built-in hinge...Articulated exactly as the doctor took the impression.

Just pour the stone, Close the articulator against the impression, Let it set, And open. It's that simple. This is the fastest and most accurate way to get exactly the same bite your dentist has provided since you don't separate the casts from the impression unit they are articulated.

The prime objective of this technique is to reconstruct the inside of the patient's mouth (with help from the built-in hinge) utilizing the **bite registration as well as the impression** recorded on both sides of the impression tray.

