Model Mounting Kit
Great Lakes Orthodontics Order No. – (051-021)

The Model Mounting Kit is an easy, efficient way to prevent inaccuracies from occurring during the articulator mounting process. When mounting stone is applied and the articulator is closed the position of the model can be distorted. This kit was developed to maintain the model relationship during the mounting process.

Model Mounting Kit Contents:
• 1 pack of six wire “N” support jigs (175-100)
• 1 Zap® gel 20gms (175-098)
• 1-two once bottle Zip Kicker™ (175-099)

Miscellaneous Materials:
• Sam® III articulator (050-003)
• Axioquick® non torsion facebow (050-115), Axiomatic transfer fork assembly (050-155), Transfer Stand Ax (050-154) and Telescopic Bite fork support (050-021)
• Two mounting plates (050-023 / 30 pack)
• Whip-mix mounting stone (215-015)
• Medium Flexibowl (210-108) and plaster spatula (210-085)
• Great Lakes tapered wax (260-032), or single thickness (260-031). Bite registration wax or wax rims (260-034).
• Lab knife (170-004)

Once the facebow and CO/CR bite registration procedure is accomplished mount the maxillary model to the upper articulator member. Make sure all occlusal imperfections (i.e. bubbles) are removed from the maxillary and mandibular models before mounting. This will ensure an accurate transfer when the models are placed in the registration materials (i.e. bitefork & CR registration).
Invert the articulator and place the centric relation bite registration on the maxillary model. Open the incisal pin to the +2 or +3 position (depending on bite registration thickness) and place the mandibular model in the bite registration. Adapt two support wire “N” jigs, one on each side, to fit passively against the maxillary and mandibular model bases.

Stabilize the support wire jigs to the maxillary and mandibular model bases with Zap® gel.

Then spray Zip Kicker™ glue accelerator on over the glued areas. About five seconds after the accelerator has been applied over the last area the mandibular model is mounted to the lower member of the articulator.

Once the mounting stone has cured, remove the wire “N” support jigs by pushing a lab knife through the glue holding the wire onto the model. The wire “N” jigs may be reused on the next case to be mounted. After many mountings the glue residue can be removed from the wire by scraping it with a lab knife, or soaking the glue area in fingernail polish remover.