

Kois Adjustable Platform Instructions

1. If using the curved incisal pin articulator, set incisal pin to zero. If using the straight incisal pin articulator, set to the heavy centered ring.



2. Set Adjustable Platform to the zero position with the adjustment screw.



3. Lock in place with lock screw.



4. Index Adjustable Platform to magnetic mounting plate on lower frame of the articulator. Place Index Tray on Adjustable Platform by aligning protruding pins of Index Tray to the holes on the Adjustable Platform. Seat Index Tray all the way down flat to the Adjustable Platform.



5. Index study cast into impressions on the Index Tray. The Adjustable Platform now becomes a built-in bite fork support system. Add plaster to mounting plate and cast to mount maxillary study cast in usual manner. It has been engineered that the incisal edges are now 100mm from the axis.



6. Mount mandibular study cast in usual manner using interocclusal record and the Mandibular Mounting Stand. Note that the front of the articulator can be adjusted down with the support pin to control the plaster.



7. The steepness and tilts of the occlusal plane, the dental midline, incisal edge position as well as gingival contours can now be diagnosed for symmetry and balance.



8. Using adjustment screw, adjust platform down 3mm to the incisal length to be fabricated. The study cast is now suspended 3mm above waxing guide by the incisal pin.



9. The technician can now add wax or porcelain until it touches the waxing guide for a determined incisal length to be fabricated. The Golden Proportion Waxing Guide can also be used at the same time for tooth widths.



Degree of Accuracy: Vertical Scale +/- .004in / .1mm