

# Synchronisation

Arto® / Arto XP® / Artex\* / Dentatus\* / SAM\* / KaVo\* / Stratos\* / and many others.

These instructions apply by way of example to the synchronisation of a wide variety of articulators with the Adesso Split®, Adesso Multisplit® magnetic plate systems and the Splitex\* compatible magnetic plate set.



1. Check the articulator for possible defects. The upper part must not exhibit any play in the centric. Close the centric lock. Set the condylar inclination to 35°. The Bennet angle to 0°. The incisal pin to 0.



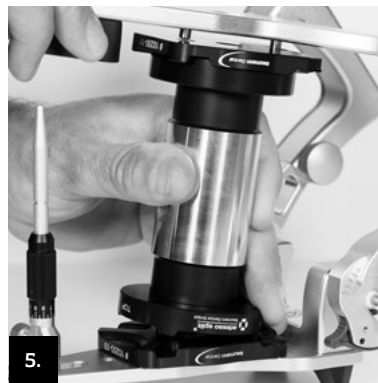
2. Insert the base plate in the upper part of the articulator, tighten the screw. The base plate must be mounted without gaps or play.



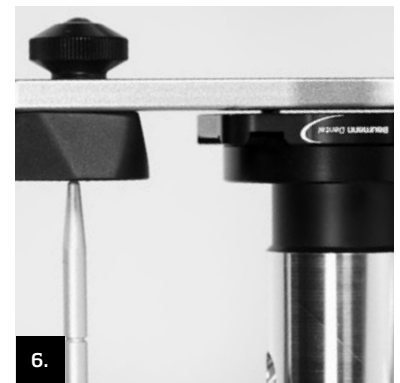
3. Check centring key for cleanliness of mating surfaces, check Allen screw & tighten if necessary. Turn articulator upside down, place centring key on the base plate in the upper part of the articulator. The side marked "TOP" faces the base plate, the Allen screw faces the anterior tooth guide pin.



4. Place the clean adjustment base plate on the centring key.



5. Close articulator. To do this, it is necessary to tilt the centring key slightly to the back!



6. Ensure that the incisal pin rests on the anterior tooth guide plate and that the adjustment base plate is not in contact with the lower part of the articulator (approx. 1 - 2 mm adhesive gap).



7. Open the articulator and degrease the adhesive surfaces of the adjustment base plate and the lower part of the articulator.



8. Apply Adesso Split Adjustment Adhesive (#62400233) to a clean surface and mix homogeneously.



9. Turn the articulator upside down, open it and carefully apply the adjustment adhesive to the adjustment base plate. It is essential to fill the drill holes with adhesive.



10.

Carefully close the articulator. To do this, it is again necessary to tilt the centring key slightly to the back!



11.

Fixate the articulator closed with the aid of a rubber band and allow the adhesive to cure.



12.

After 10 minutes, excess adhesive can be trimmed with a cutter knife. The centring key can be removed for adjusting further articulators after 60 minutes. After 24 hours, the adjustment adhesive has reached its final hardness.



13.

Check the bond with the centring key. Loosen and remove the central Allen screw of the centring key. Pull the key apart evenly and remove the locating pins by hand. Insert the individual parts of the key into the articulator (TOP points to the upper part of the articulator).

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14.

Close articulator with the split centring key. Check split of the centring key. Adjustment was successful if you neither see a light gap between the split or do not feel a ridge when you run your fingernail over the split. Otherwise, synchronisation must be repeated. The locating pins should always be wetted with fine machine oil before assembling the centring key.

Are you experiencing difficulties with your old or defective articulator?

Our workshop service offers comprehensive solutions to return your articulators into top condition.

Regardless of whether you have problems with synchronisation or whether other repairs are necessary. Simply ask us for a quote!

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