



The CR Articulator (48760)

An Artex Carbon-series, arcon, precision articulator.

PRIOR TO USE:

You will need to affix a Splitex magnetic plate to both the lower and upper arm prior to using the articulator for the first time. (see separate instructions). This procedure will calibrate your articulator to any other units in your "user-circle". Axis-related casts can then be mounted to the articulator by using a "buffer plate" between the magnetic plates and the quick-setting plaster that will hold the casts. The magnetic system maximizes interchangeability, and efficiency of cast retention and removal.

SETTINGS AND MOVEMENT/GUIDANCE:

Lateral movement: for replication of excursions, and to allow the condyle balls freedom of movement in the condylar pathways, open the lever at the rear of the upper arm (moving the centric semi-axes in and releasing the centric lock). To lock, move the lever downward which will move the semi-axes outward and center the condyles and upper arm. Use of disconnect guards (#48730) are strongly recommended to prevent accidental separation of the upper and lower arms.

Condylar Inclination: condyle radius of 19 mm, adjustable condylar inclination between -20° and $+60^{\circ}$. Adjust the inclination setting by loosening the allen screw found just behind the condylar housing, rotating the housing forward or backward until the hash-mark for the proper setting lines up with the upper-edge of the articulator arm, and re-tightening the screw.

Immediate Sideshift: up to 1.5 mm on each side, achieved by loosening the allen screw at the rear of the condylar housing, sliding the top of the condylar housing to the left or right to the proper setting between 0 and 1.5, and relocking the allen screw.

Bennett Angle: adjustable between 0 and 30° . To adjust the Bennett angle, loosen and turn the allen screw found on either condylar housing, lining up the indicator-mark with the desired setting. Relock the screw.

Protrusion setting of up to 6 mm: open the centric lock. Guide the upper arm protrusively by turning the blue, knurled screw in the clockwise direction to the desired setting. Close the centric lock.

Retrusion setting of up to 2 mm: open the centric lock. Release the retrusion set-screw found on the rear of the condylar housing. Move the retrusion insert to the required setting on the 0mm to



The CR Articulator (48760) is an Artex Carbon-series, arcon, semi-adjustable precision articulator, including built-in pins for direct facebow-adaptation. It was developed as a universal articulator for diagnosis an therapy, and designed for realistic movement.

2mm scale, and relock using the allen key. Guide the upper arm retrusively by turning the blue, knurled screw in the counter-clockwise direction.

Distraction up to 3 mm for precompensation of restricted joint areas is accomplished by loosening the allen screws at the front of the upper arm, lifting the frame top by the desired amount, and relocking the screws.

Anterior Guidance: anatomical guidance is provided by the incisal table: $0-70^{\circ}$ protrusion, $0-45^{\circ}$ laterotrusion.



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