A schematic of the Motion Analogs show the variations in the curved Bennett pathways, in the functional range of 3mm from centric relation. Also note that the condyles are coming down the protrusive pathway in the sagittal plane at the same time they go around the curved Bennett pathway in the transverse plane. The orbiting pathways, beyond the 3mm lateral point, are all 6 degrees. The Motion Analogs have been created with the 3/4 inch radius superior wall which allows them to be rotated to duplicate the patient’s protrusive and lateral pathways.

Available in sizes from 0.5mm to 2.5mm, in .5mm increments, the Motion Analogs represent all of the pathways including the border paths of the condyles in the fossa. To ensure accuracy, these blocks are created by precision molding and then machined to .005 tolerances. The analog blocks may be “mixed” on the articulator to represent the different right and left sides of a patient if needed.

### Distribution of Bennett Movement

<table>
<thead>
<tr>
<th>millimeters per side</th>
<th>0.25</th>
<th>0.5</th>
<th>1</th>
<th>1.5</th>
<th>2</th>
<th>2.5</th>
</tr>
</thead>
<tbody>
<tr>
<td>Percent (%) of Patients</td>
<td>2</td>
<td>15</td>
<td>52</td>
<td>21</td>
<td>8</td>
<td>2</td>
</tr>
</tbody>
</table>

* Rt. & Lt. border movements measured on the non-working side 3mm forward on the vertical and horizontal planes from centric relation.

Distribution chart for 440 lateral movements recorded with the Lee research pantograph.
ARTICULATOR ACCESSORIES

2370 AA  Condyle Positioners (set)
The Condyle Positioners are used in the fabrication of repositioning splints or to simulate model surgery. They are put in place of the motion analogs and have both vertical and horizontal adjustment screws as well as a lateral adjustment feature. One revolution of the screws equal 1mm so that precision adjustments can be made. There are also 1mm lines on the axis shaft for the lateral adjustment.

2170 AA  Axis Position Indicator System (API)
The Axis Position Indicator System is used to track the condyles to a stable position during splint therapy, for determining CR/CO discrepancies (slide vs. fulcrum) and interocclusal record verification.

9611 AA  API Graph Papers (set of 20)
The API Graph Papers are used with the Axis Position Indicator System. They are produced on a crack-n-peel paper for convenient removal from the pad and then placement on the graph supports.

2151 AA  Analog Selectors (set)
The Analog Selectors are used in conjunction with lateral check bites to determine the amount of Bennett movement for selecting the proper Motion Analog for the individual patient. They measure from 0 to 3mm Bennett per side.

1770 AA  Adjustable Incisal Table (PCH)
1780 AA  Adjustable Incisal Table (PSH & SH)
The Adjustable Incisal Table can be set to different incisal and lateral angles to simulate incisal and canine guidance to help guide the fabrication of removable prostheses.

1760 AA  Broadrick Occlusal Plane Analyzer
The Broadrick Occlusal plane analyzer is used for analyzing the Curve of Spee and developing an acceptable curve of occlusion. A flag or semaphore is common to the art of dentistry and has been used and described many times in writings or teaching procedures over the years.
ARTICULATOR ACCESSORIES

2090 AA  Articulator Test Column
2890 AA  Articulator Test Column \(\text{(Magnetic)}\)

The Articulator Test Column is used to check the accuracy of the inter-
changeable model PCH and PSH articulators. Pour the last section
with stone to form a split cast index. The column can be sent to your
laboratory to check if the compatibility is the same as your articulator.

8210 AA  Molded Plastic Case

This high impact, molded Plastic Case is used to carry the articulator,
face-bow, mandibular mounting stand, mounting plates and diagnostic
casts with room left over for accessory supplies. Convenient to carry
to the lab, study club or workshop meetings.

2094 AA  Articulator Support Legs

The articulator support legs allow the articulator to be angled back \(45^\circ\)
to give a direct, hands-free overall view of the dental casts. The support
legs will facilitate technicians in the laboratory, help dentists in diagnos-
ing and photography procedures, and are essential for patient education
and consultations. The support legs easily slide and clip onto the lower
frame of all Panadent articulators.

2013 AA  Incisal Table \(\text{(plastic)}\)

This is the standard Panadent plastic incisal table for the articulator.
Included is the attachment thumb screw. It is molded with a threaded
brass insert for the attachment screw. The table is also used with the
Panadent CPI-III System.

9904 AA  Hex Wrench \(\text{(for articulator)}\)

This is the standard wrench for locking the articulator motion analog
shafts, mounting plate screws, etc.