Combining Esthetics & Function
Creating a Truly Unique Articulation System!
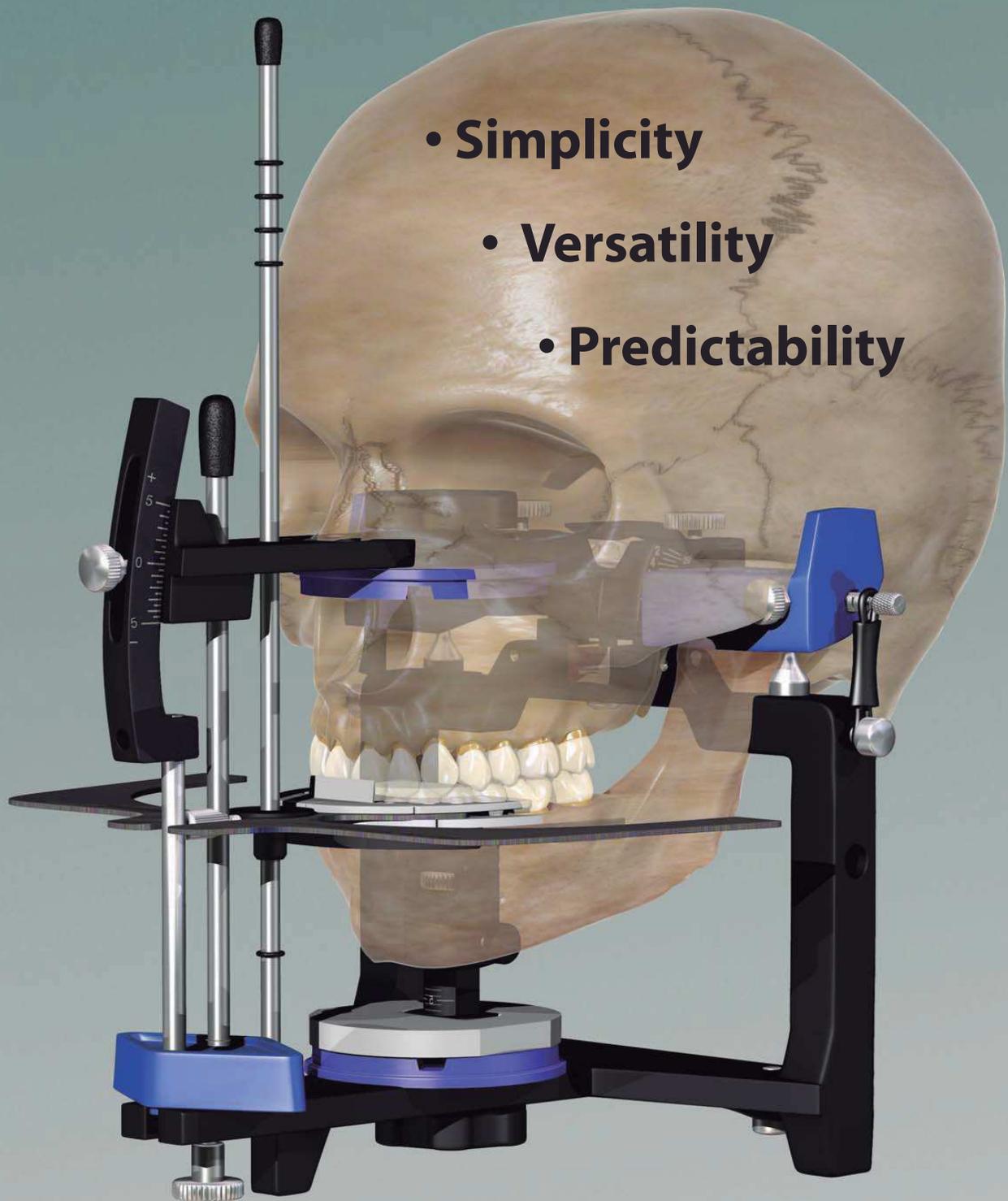
- **Simplicity**
- **Versatility**
- **Predictability**

® Panadent

"Providing Quality Innovative Products and Exceptional Customer Service for over 30 years!"
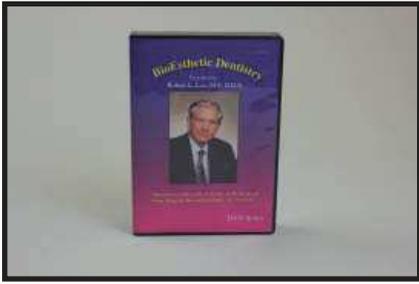
BDDVD-6•BioEsthetic Dentistry DVD Series

  This Lecture is presented by Dr. Robert Lee on his concept of BioEsthetic Dentistry. In this series he covers topics like: Relationship of Form to Function, Smile Design, Esthetic Plane vs. Functional Plane, Observations of Long Lasting, "Trouble-Free" Dentitions, etc. The series consists of 6 ‑ 2 hour DVD's.


5954 EM•The Function of Teeth

  The "Functions of Teeth" book and CD covers Dr. Lundeen's and Dr. Gibbs's research on Jaw movements and correlates their research together with Dr. Lee's research of jaw movements and how these movements relate to articulators.

5053 EM• Basic Articulator System CD

  This covers the basic module procedures. Dr. Lee demonstrates face-bow transfer, centric and protrusive interocclusal records, mounting casts on the articulator as well as adjusting the articulator. DVD is approximately 1 hour.
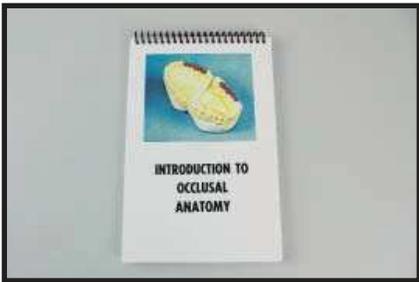
5952 EM•Introduction to Occlusal Anatomy

  The "Introduction to Occlusal Anatomy" waxing manual will help develop an understanding of why the occlusal surfaces of the teeth have certain shapes by relating opposing teeth to each other for optimal chewing efficiency and stability.
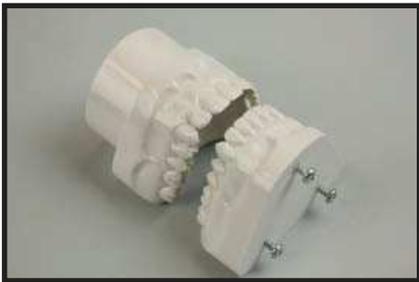
2605 EM•Bio-Esthetic Study Models (Class I)
2625 EM•Bio-Esthetic Study Models (Class II)

  The study models are based on Dr. Lee's observations of long lasting "trouble free" natural dentition and were waxed and carved by Dr. Lee's long time lab technician, Mick Illich. Molded in durable white resin, they are ideal occlusal treatment guides for dentists, orthodontists, laboratory technicians and dental students as well as for patient education.

3001 DP•ProxiFit™ Module

The ProxiFit™ module simplifies and improves interproximal contact adjustment of crowns, onlays, inlays and veneers by showing exactly where and how much to adjust. The unique Ribbon Gripping Forceps holds pre-cut, individual mylar test ribbons at 90° to interproximal embrasures. The test ribbons are ultra thin (.0007") and coated on both sides with either black or red marking dye to provide precision marking of interproximal contacts.

3050 DP•ProxiFit™ Test Ribbons (2 Pkg. Black)
3055 DP•ProxiFit™ Test Ribbons (2 Pkg. Red)
3060 DP•ProxiFit™ Test Ribbons (1 Pkg. ea.)

Each box contains 120 pre-cut, protected, double-sided black or red test ribbons that are .0007 inch thickness (17 microns).These sanitary, convenient marking ribbons are used with the Proxi-Fit forcep to accurately mark heavy interproximal contacts of restorations being placed.

4405 DP•Bite-Tab™ Compound Disks (180)

Bite-Tabs™ are constructed from red impression compound deposited on self adhesive strips. Bite-Tabs™ can be used with most brands of bite-forks.
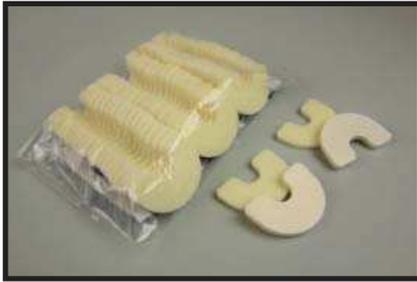
4410 DP•Bite-Fork Stabilizers (60)

The Bite-Fork Stabilizers are used on the bottom of the bite-fork so the lower teeth can support the bite-fork against the upper teeth. It is a spongy material with an adhesive on one side for fixing to the bottom of the bite-fork. Bite-Fork Stabilizers can be used with any face bow system that utilizes a bite-fork.

7172 DP•Bite-Tray™ Registration Plates (20)
7175 DP•Bite-Tray™ Registration Plates (50)

Bite-Trays™ are made of soft aluminum and are designed for accurate jaw position inter-occlusal records. Excellent for taking centric, protrusive and lateral border records. The bite trays can be used with any bite registration material desired.
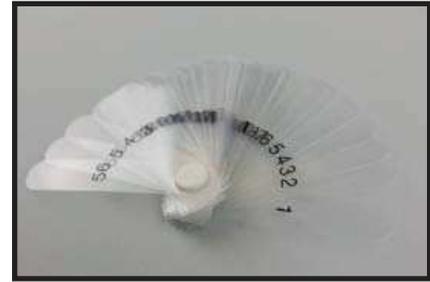

9390 DP•Leaf Gauge (Numbered)

This leaf gauge is made of polyester strips and are numbered (1-56) in 1/10th mm increments for convenience. They are used as an anterior deprogrammer for taking centric records and can also be used in equilibration or coronaplasty procedures.
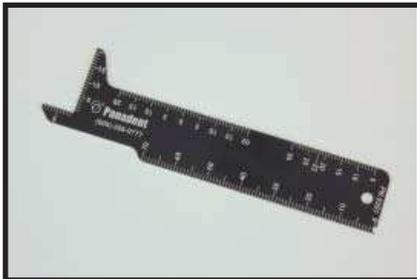
9391 DP•Multi-Measuring Ruler

The MMR is used for measuring tooth lengths, tooth widths, vertical overbite, horizontal overjet, as well as having opening and lateral range of motion scales.

9395 DP•Golden Proportion Caliper

The Golden Proportion Caliper measuring device is designed to help determine orofacial dimensions, such as vertical dimensions, incisor edge position, and tooth width. It is calibrated to correspond to the "Golden Proportion" principle (1:1.618) and is said to be useful for achieving esthetic results.
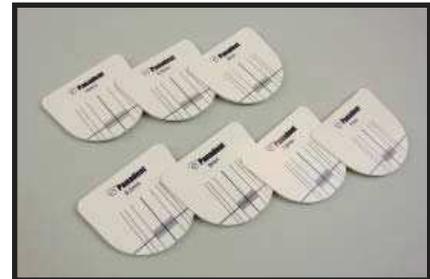
4330 DP•Golden Proportion Waxing Guides (Set of 7)

The Golden Proportion Waxing Guides can be used with the Kois Adjustable Platform or by themselves to facilitate incorporating the golden proportion ratio of 1:1.618 for tooth widths into anterior restorations.

Dental Products
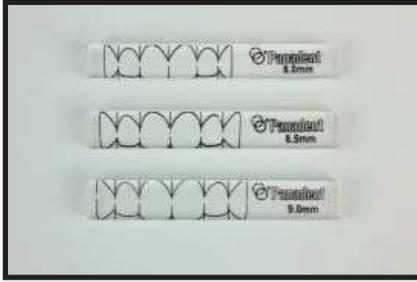
4350 DP•Clear Tooth Guides (Set of 3)

The Clear Tooth Guides are made of clear acrylic blocks and can be used to evaluate tooth form, incisal edge and gingival contours.

4500 DP•Smile Now Starter Kit (Set of 8)

The Smile Now instant tooth templates are made from flexible plastic with a peel-n-stick adhesive. Starter kits come with the four sizes in both Bleach and B1 shades.

3100 DP•Full Crown Training Blocks

The Full Crown Training Blocks are made from hard resin. They can help develop hand/eye coordination by practicing eight different preparation designs. Comes with eight rectangular blocks, five circular blocks and feedback tool.

1750 DP•Occlusal Analyzer (Smoke)

The Occlusal Analyzer is made from hard plasic. It is used to evaluate the occlusal plane of the study casts or denture set up.

2660 DP•Edentulous Models W/Bite

The Edentulous Models are made of resin and include a bite record. They are used to simulate an edentulous patient and can be mounted to any articulator.

Includes:

2094 AA•Support Legs

4300 KS•Kois Dento-Facial Analyzer System

       (Includes:

           4305 FB•Kois Dento-Facial Analyzer

           4360 FB•Kois Adjustable Platform)

2280 ME•Mandibular Mounting Stand

4405 DP•Bite-Tab™ Compound Disks

   The Kois Modules includes all of the essential items needed to mount casts when using the Kois Dento-Facial Analyzer.

1250 AS•Kois Module with PCH Articulator

Includes:

2094 AA•Articulator Support Legs (set)

4000 FB•Pana-Mount™ Face-bow

4070 FB•Bio-Esthetic™ Level Gauge

8210 AA•Molded Plastic Case

2280 ME•Mandibular Mounting Stand

2850 MP•Magna-Split™ II System

7172 DP•Bite-Tray™ Registration Plates (20)

4405 DP •Bite-Tab™ Compound Discs (180 Disks)

4410 DP•Bite-Fork Stabilizers (60)

   The Basic Module includes all of the essential items needed to mount casts when using the Pana-Mount™ Face-bow. The molded plastic case holds the articulator, face-bow, and accessories plus room for mounted casts. The basic module routinely comes with 1.5mm Motion Analogs.

1210 AS•Basic Module with PCH Articulator
1211 AS•Basic Module with PSH Articulator

Includes:

2094 AA•Articulator Support Legs (set)

4000 FB•Pana-Mount™ Face-bow

4070 FB•Bio-Esthetic™ Level Gauge

8210 AA•Molded Plastic Case

2280 ME•Mandibular Mounting Stand

7172 DP•Bite-Tray™ Registration Plates (20)

4405 DP•Bite-Tab™ Compound Discs (180 Disks)

4410 DP•Bite-Fork Stabilizers (60)

7600 AP•Axi-Path III Recorder (Macro-Micro adjust Axis Arms)

2250 ME•Axis Mounting System

2804 MP•Magna-Split™ Mounting Plate (for AMS)

2850 MP•Magna-Split™ II System

2105 AA•0.5mm Motion Analogs

2110 AA•1.0mm Motion Analogs

2120 AA•2.0mm Motion Analogs

2125 AA•2.5mm Motion Analogs

   The Advanced Module includes all items in the Basic Module, as well as the Axi-Path III Recorder and Axis Mounting System. Also included is the full set of motion analogs (0.5, 1.0, 1.5, 2.0, 2.5mm).

1230 AS•Advanced Module with PCH Articulator
1231 AS•Advanced Module with PSH Articulator

6

1701 AR•Model PCH Articulator
1610 AR•Magnetic Model PCH Articulator

The model PCH articulator is a precision articulator which allows the transfer of dental casts from one PCH or PSH articulator to another. The model PCH has a curved pin calibrated in degrees.

The 1610 AR Comes with 20 Magnetic Mounting Plates & Hex Wrench.

1801 AR•Model PSH Articulator
1620 AR•Magnetic Model PSH Articulator

The model PSH articulator is a precision articulator which allows the transfer of dental casts from one PSH or PCH articulator to another. The model PSH comes with a straight incisal pin calibrated in millimeters.

The 1620 AR Comes with 20 Magnetic Mounting Plates & Hex Wrench.


1650 AR•Magnetic Model PCF Articulator

The model PCF articulator is a precision articulator featuring fixed 1.5mm analogs set at 20°, an installed magnetic system and a curved incisal pin calibrated in degrees.

The 1650 AR Comes with 10 Magnetic Mounting Plates.

Articulators

Panadent condylar axis
motion analog paths
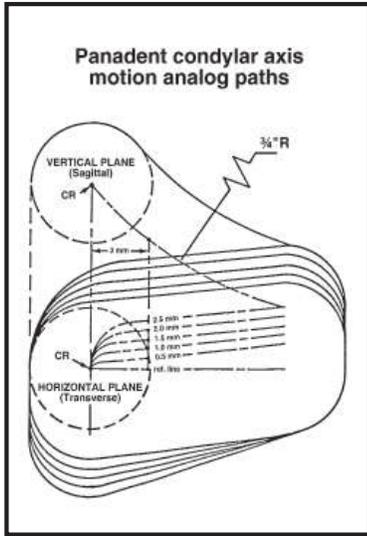
A schematic of the Motion Analogs show the variations in the curved Bennett pathways, in the functional range of 3mm from centric relation. The Motion Analogs have been created with the 3/4 inch radius superior wall and 6° orbiting pathways.

Distribution of Bennett Movement
OPERATOR INDUCED

millimeters per side *	.25	.5	1	1.5	2	2.5
Percent (%) of Patients	2	15	52	21	8	2

* 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.
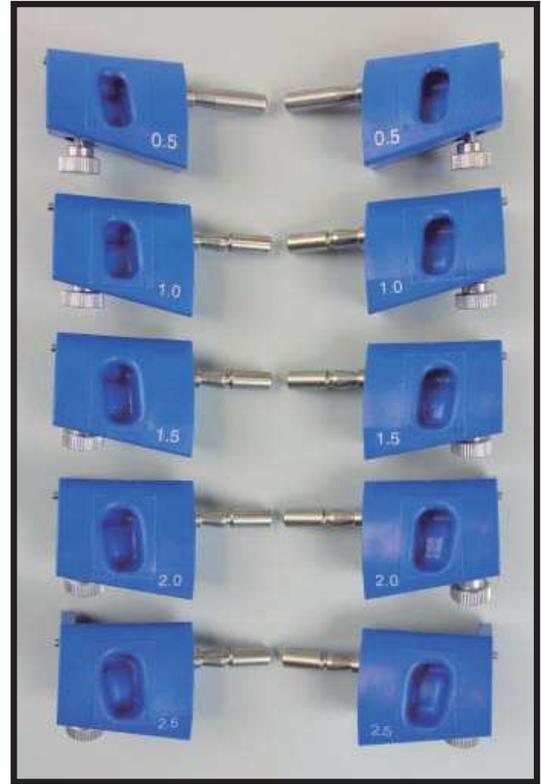
2105 AA•0.5 mm Motion Analogs
2110 AA•1.0 mm Motion Analogs
2115 AA•1.5 mm Motion Analogs
2120 AA•2.0 mm Motion Analogs
2125 AA•2.5 mm Motion Analogs

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.
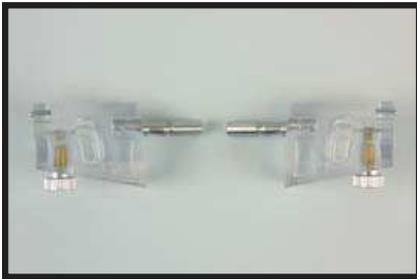
1105 AA•0.5 mm Motion Analogs (Clear)

There 0.5mm Motion Analogs are made of clear resin. They are used in education to be able to see condylar distractions from CR to MIP as well as all excursive movements.

(Other sizes may be available upon request)
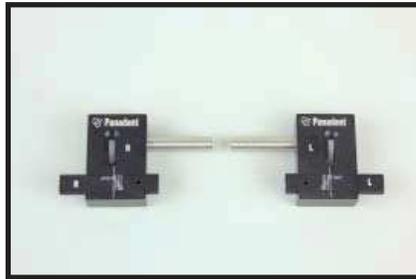
2151 AA•Analog Selectors (Set)

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.


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.

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.
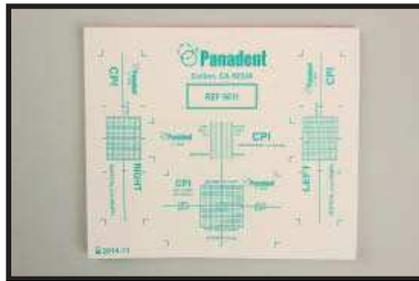
9611 AA•API Graph Papers (Set of 20)

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.

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.

2090 AA•Articulator Test Column
2890 AA•Articulator Test Column (Magnetic)

The Articulator Test Column is used to check the accuracy of the interchangeable model PCH and PSH articulators. 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, consultations with specialists, and study club workshop meetings.
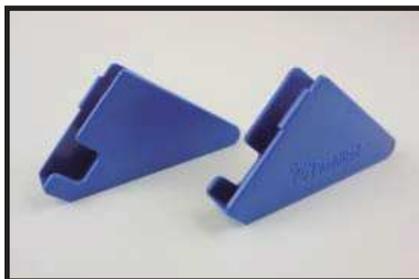
2094 AA•Articulator Support Legs

The articulator support legs allow the articulator to be angled back 45° to give a direct, hands-free overall view of the dental casts. The support legs will facilitate technicians in the laboratory, help dentists in diagnosing and photography procedures, and are essential for patient education and consultations.
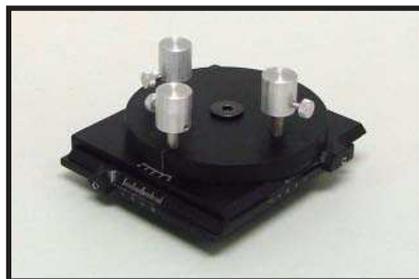
2335 AA•Model Surgery Relator

The M.S.R. attaches to the lower mounting plate allowing for the mounted casts position to be indexed. Then un-mounted casts can be adjusted in 0.1mm increments vertically, laterally, Anterior/Posteriorly as well as adjusting pitch, roll and yaw for simulating model surgery.

1503 PA•PAL™ Plastic Articulator Lite (5)
1504 PA•PAL™ Plastic Articulator Lite (10)
1505 PA•PAL™ Plastic Articulator Lite (20)

The PAL™ is used with the Panadent PCH, PSH and PCF articulators as an easy, lightweight and inexpensive accessory to the full size articulators with no super glue or molds required! The PAL™ articulator has an anatomically correct axis of rotation, vertical and horizontal esthetic alignment guides as well as a built in, tilt back support stand.

Articulator Accessories

2250 ME•Axis Mounting System (AMS)
2251 ME•Axis Mounting Stand Assembly (Basic)

The Axis Mounting System is used for mounting the maxillary cast to the true hinge axis and can also be used for mounting the average (ear-bow) axis. Also included is the Cross Rod and Clamp which is used along with the Pana-Mount™ Face-Bow and axis recording arms to transfer of the patient's cast on the true hinge axis.

2280 ME•Mandibular Mounting Stand

The Mandibular Mounting Stand supports the articulator upside down to aid in mounting the mandibular cast. The front of the articulator can be adjusted with the support pin to level cast to prevent the mounting stone from sliding off the cast during the mounting procedure.

2479 ME•Mandibular Mounting Plate Spacer Assy.

The spacer is attached to the mandibular frame of "H" (high model) Panadent articulator to convert it to be compatible with the discontinued "L" model articulator.

2870 ME•Bite-Fork Support (Magnetic)

The Bite-Fork Support System was developed to create a sturdy platform for an easy to use method of supporting the Bite-Fork during mounting procedures on the magnetic articulator.

2876 ME•Bite-Fork Support (Screw on)

The Bite-Fork Support System was developed to create a sturdy platform for an easy to use method of supporting the Bite-Fork during mounting procedures on the screw on articulator.
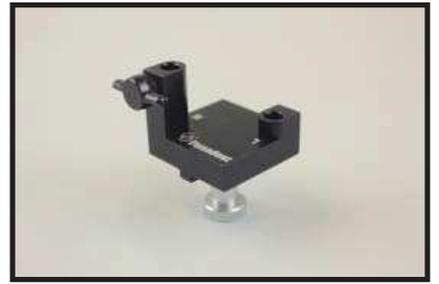
4054 ME•Mounting Fixture (Low / High)

The Mounting Fixture is used with the Pana-Mount™ Face-Bow to index the bite-fork assembly in the articulator. The fixture is compatible with either low (L) or high (H) model Panadent articulators.

Mounting Equipment

2850 MP•Magna-Split™ II System

This magnetic mounting plate system is used with the PCH or PSH articulator. It comes with removable rare earth magnet and stainless steel screws for fixing the plate to the upper and lower frames of the articulator.

Includes:

2-2804 MP•Magna-Split™ Mounting Plate

1-2860 MP•Magna-Split™ Index Plates (20)
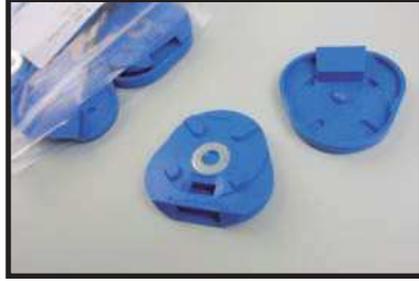
2860 MP•Magna-Split™ Index Plates (20)
2861 MP•Magna-Split™ Index Plates (50)
2862 MP•Magna-Split™ Index Plates (100)

These pre-formed plastic Index Plates attach directly to the Magna-Split™ Mounting Plate for easy mounting of study casts and can be used with our PAL™ - Plastic Articulator Lite .

2804 MP•Magna-Split™ Mounting Plate

The mounting plate comes with removable rare earth magnet and two stainless steel screws for fixing the plate to upper or lower frame of the articulator or Axis Mounting System.

(Picture shows magnet in place.)

2852 MP•Magna-Split™ Index Plates-Old Style (20)
2853 MP•Magna-Split™ Index Plates-Old Style (50)
2854 MP•Magna-Split™ Index Plates-Old Style (100)

These pre-formed plastic Index Plates attach directly to the Magna-Split™ Mounting Plate for quick and easy mounting of study casts.

2706 MP•Plastic Mounting Plates (10)
2707 MP•Plastic Mounting Plates (20)
2708 MP•Plastic Mounting Plates (50)

These Plastic Mounting Plates are standard screw on mounting plates. They can be used with several brands of articulators.

Mounting Plates

4000 FB•Pana-Mount™ Face-Bow

The Pana-Mount™ Face-Bow features wrench or wrenchless detachable bite-fork assemblies which allows the face-bow to be used for multiple patients without having to mount casts immediately. It has a standard 22mm nasion relator as well as an orbital pointer. Comfortable ear pieces and foam nasion pad increase patient comfort.

Includes:

Face-Bow, two complete Bite-Fork Assemblies, Mounting Fixture, Standard Nasion Relator, T-Screws, and Hex Wrench

4070 FB•Bio-Esthetic™ Level Gauge

The Bio-Esthetic™ Level Gauge is used to level the face-bow horizontal so the anterior esthetic plane of the teeth can be established correctly on the articulator.

4027 FB•Bite-Fork Assembly (Complete)

The Bite-Fork Assembly is used with the Pana-Mount™ Face-Bow and comes complete with a standard bite-fork and stem assembly, as well as T-Screws.

#4028   #4037   #4038

4028 FB•Bite-Fork (Regular)

The standard bite-fork is used with the Pana-Mount™ Face-Bow and bite-fork stem assembly. Constructed of all stainless steel, it is designed for easy cleaning and sterilization.

4037 FB•Bite-Fork (Full denture)

The full denture bite-fork is used with the Pana-Mount™ Face-Bow and bite-fork stem assembly for transferring maxillary bite-rim and edentulous cast to the articulator. Constructed of all stainless steel, it is designed for easy cleaning and sterilization.

4038 FB•Bite-Fork (Pedo)

The pedo bite-fork is used with the Pana-Mount™ Face-Bow and bite-fork stem assembly. Constructed of all stainless steel, it is designed for easy cleaning and sterilization.

4080 FB•Adjustable Nasion Relator

The Adjustable Nasion Relator is used in conjunction with the Bio-Esthetic™ Level Gauge to level the face-bow in the sagittal plane when the patient's head is erect. The adjustable nasion is calibrated in millimeters.

4030 FB•Bite-Fork Stem Assembly (Only)

This stem assembly is for attaching the bite-fork to the Pana-Mount™ Face-Bow. It is the same assembly as item #4027, excluding the bite-fork. The T-Screws are also included.

4300 KS•Kois Dento-Facial Analyzer System

The Kois Dento-Facial Analyzer System registers and transfers the patient's occlusal plane in three planes of space to the articulator related to an average 100mm axis-incisal distance.

Includes:

#4305 KS•Kois Dento-Facial Analyzer

#4360 KS•Kois Adjustable Platform

4305 FB•Kois Dento-Facial Analyzer

The Kois Dento-Facial Analyzer registers and transfers the patient's occlusal plane in three planes of space to the articulator.

Includes:

#4322 KS•Kois disposable Index Trays (20)
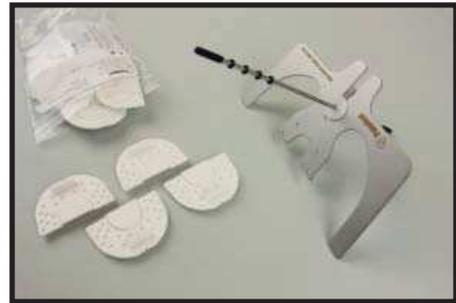
4322 KS•Kois Disposable Index Trays (20)
4323 KS•Kois Disposable Index Trays (50)
4324 KS•Kois Disposable Index Trays (100)

The disposable index trays are used with the Kois Dento-Facial Analyzer and provides a permanent or disposable bite-fork registration record.
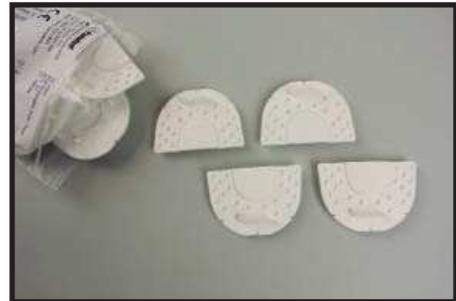

4360 KS•Kois Adjustable Platform

The Kois Adjustable Platform is used with the Kois Index Trays to mount the patient's maxillary cast to the articulator. The platform can be adjusted up or down to a new incisal edge or occlusal plane position.

Includes:

4331 Standard Waxing Guide
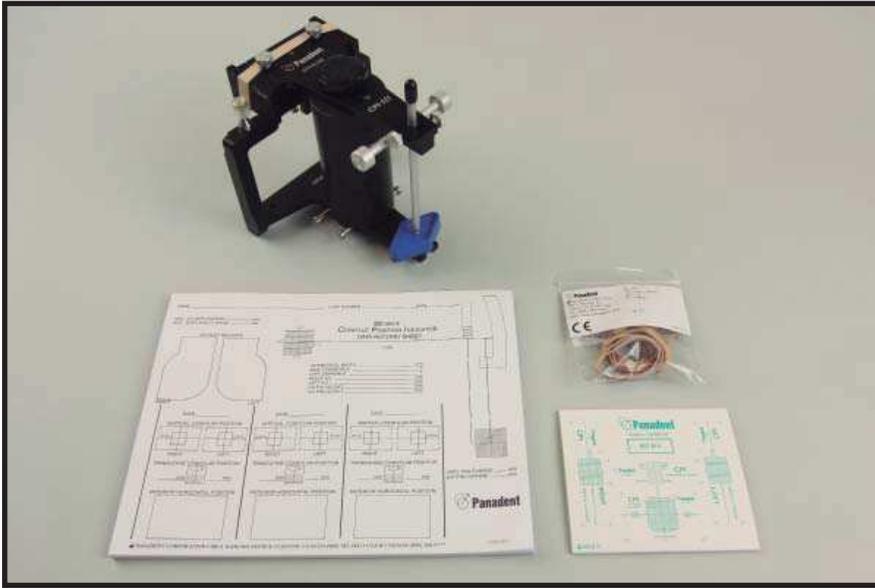
2500 CP•CPI-III System

The Condylar Position Indicator (CPI) is a precision instrument for tracking condyle positions to a stable position during occlusal splint therapy and determining CO/CR discrepancies ("slide" or "fulcrum"). It can also be used for verification of interocclusal records.

Includes:

Maxillary and mandibular frames with support column, data record sheets (50), graph papers (20) and elastic support bands (12).

9354 CP•CPI Optical Resolver & Illuminator

The CPI Optical Resolver is used to help read the small dots of axis positions on the graph supports. It has a built in magnified 1/10th mm scale and flashlight for better vision.
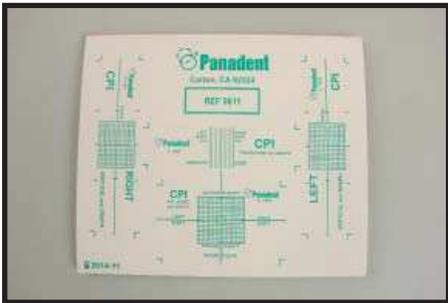
9611 CP•CPI Graph Papers (Set of 20)

The Graph Pads are printed on crack-n-peel adhesive paper for easy placement and removal on the graph supports. Each pad has a right and left vertical (sagittal) mm grid and a horizontal grid for lateral condylar axis changes.
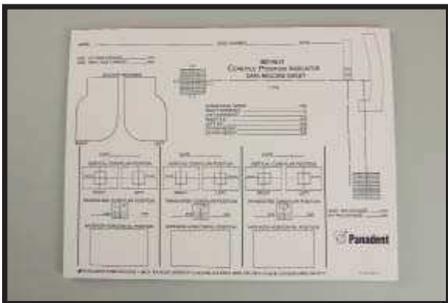
9615 CP•CPI Data Record Sheets (50)

The Data Record Sheets are used to store the used graph papers on an organized sheet for quick reference. Three CPI readings and one axi-path recording can be placed on one sheet (8½ x 11).

(Macro-Micro Adjust Axis Arms)

The Axi-Path Recorder is a pana-digit jaw movement recorder that provides a fast and accurate way to record a patient's mandibular movements on the transverse (hinge) axis.

(Macro Adjust Axis Arms)

7600 AP•Axi-Path III Recorder

The Axi-Path III features the macro-micro adjustable axis recording arms for easy and accurate location and transfer of the transverse axis. The protrusive pathway is recorded in the sagittal plane on the graph papers, while the Bennett pathway is recorded in the horizontal plane which is used to select the size of Motion Analogs.

7501 AP•Axi-Path II Recorder

The Axi-Path II Recorder is identical to the Axi-Path III except for the axis recording arms which use a friction type (E-Z Find) macro adjust recording arms for simple and rapid location of the axis.

7040 AP•Edentulous Outriggers

The Edentulous Outriggers are used with either the Axi-Path II or Axi-Path III Recorder. They attach to the cross rod to hold the disposable clutch onto the edentulous ridge during the recording procedure.

7691 AP•Disposable Clutches (10)

The clutches are used with the Axi-Path Recorder. Each clutch comes with three different size discluders (S,M,L). They can be cut shorter by the operator so that one size fits all.
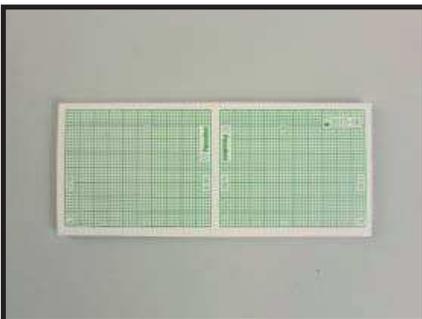
7685 AP•Axis Graph Papers (Set of 20)

The Axis Graph Papers are used with either the Axi-Path II or Axi-Path III Recorder. The lines are marked in 1mm, 5mm and 10mm squares.

7686 AP•Marking Dye

This dye is used to mark the transverse (hinge) axis on the patient's skin for axis face-bow transfer.