For over 90 years, Whip Mix® has been a quality leader in offering innovative, well-crafted equipment and supplies to the dental industry.

In 2008, Whip Mix® expanded our occlusion product offerings and services by acquiring the Denar® and Hanau™ lines being manufactured in Fort Collins, Colorado. These acquisitions supplemented the existing Whip Mix® offerings and strengthened the company’s role in dental education and clinical occlusion diagnosis. To build upon this increased focus on dental offices, Whip Mix® formed a new Restorative Oral Health Division dedicated to offering the finest products and services for the restorative practice.

Each part is individually crafted with our state-of-the-art CNC machines.

Precise measuring systems ensure quality throughout the manufacturing process.

Each instrument must pass our rigorous quality inspection before it is shipped to you!
For over 90 years, Whip Mix® has been a quality leader in offering innovative, well-crafted equipment and supplies to the dental industry. Buoyed by a staff of dedicated team members who share in our commitment to the Whip Mix® mission and values, we have continued to grow and look forward to continued success.

In 2008, Whip Mix® expanded our occlusion product offerings and services by acquiring the Denar® and Hanau™ lines being manufactured in Fort Collins, Colorado. These acquisitions supplemented the existing Whip Mix® offerings of articulators, facebows and accessories, and strengthened the company’s role in dental education and clinical occlusion diagnosis. To build upon this increased focus on dental offices, Whip Mix® formed a new Restorative Oral Health Division combining the Denar® and Hanau™ brands with the Whip Mix® line of Articulators, Ardent™ Articulating Paper and Pumice Preppies™ paste. Our Restorative Oral Health Division is dedicated to offering the finest products and services for the restorative practice.
Since its introduction in 1965, the Denar® brand of occlusion instruments has been known for its comprehensive systems and strong engineering base. Founded by dentist Niles Guichet, the company developed the first instrumentation incorporating gnathological principles: the D5A and Pantograph. It has continued to work with leaders in the field of occlusion to develop a variety of articulator systems to help meet the comprehensive needs of today’s dentistry. With its innovative Mark 300 series, Denar® has introduced a new standard of interchangeability and accuracy. The Denar® line of articulators was acquired by Whip Mix® in 2008 and is a major part of our new Restorative Oral Health division.
Articulators: Mark 300 Series

The new standard of accuracy

Like all Denar® products, these articulators are engineered for superior performance and tested thoroughly based on proven methodology. They bring a new standard of interchangeability with factory set accuracy within 20 microns. With their sleek, ergonomic design and powder-coated finish, these articulators have a contemporary look that’s as durable as it is aesthetically pleasing.

Mark 330 Articulator — Semi-adjustable
Features:
• Adjustable condylar inclination: 0°-60°
• Adjustable immediate side shift: 0mm – 2mm
• Adjustable progressive side shift: 0°-15°
Item: 20011389

Mark 320 Articulator — Semi-adjustable with fixed progressive
Features:
• Adjustable condylar inclination: 0°-60°
• Progressive side shift: Fixed at 15°
Item: 20011384

Mark 310 Articulator — Fixed settings
Features:
• Condylar inclination: Fixed at 25°
• Progressive side shift: Fixed at 15°
Item: 20011382
All Mark 300 Series articulators:

- Tilt back at a 45° angle, allowing you to view the casts as if the patient were there.
- Have a built-in support pin that allows the upper member to stand completely open while the articulator is sitting flat.
- Have a positive centric latch which allows the upper and lower members to be separated or positively locked together.
- Have a new magnetic mounting system that offers three points of contact to ensure stability.

Advantages of Interchangeability:
- Users can transfer mounted casts between any 300 Series articulator without loss of accuracy.
- Mounted casts need no longer be sent on an articulator when shipped to or from a laboratory using any 300 Series articulator.
- Instrument damage caused by shipping the articulator to and from the dental lab is eliminated.

Mark 300 Series Accessories:

Disposable Mounting Plates for Mark 300 Series
- Item: 20011577 – 20pk
- Item: 20011578 – 100pk

Are compatible with the Denar® Slidematic Facebow.
Articulators: Semi-Adjustable

**Mark II Series: Designed for simplicity and accuracy**
- Adjustments: protrusive angle 0-60°; immediate side shift 0-4mm; progressive side shift 5-15°.
- Removable upper member.
- Retaining springs hold members together without being locked in centric.

**Mark II Plus Articulator (shown)**
- Features:
  - Black finish
  - Adjustable incisal table with tapered incisal pin
  - Positive centric latch
  - 110mm intercondylar distance
  - Rear wall posterior inclination of 25°
  - Straight top wall
- Comes complete with:
  - 12 disposable mounting plates,
  - carrying case, instruction manual
- Item: 112000-104

**Mark II Plus Articulator with custom (flat) incisal table, short round incisal pin and black finish (not shown)**
- Item: 113000-101

**Mark II Articulator (not shown)**
- Features:
  - Anodized finish
  - Custom (flat) incisal table with short round incisal pin
  - Positive centric latch
  - 110mm intercondylar distance
  - Rear wall posterior inclination of 25°
  - Straight top wall
- Comes complete with:
  - 12 disposable mounting plates,
  - carrying case, instruction manual
- Item: 110500-2
Track II: Designed for greater range of flexibility and accuracy

- Adjustments: protrusive angle 0-90˚, progressive side shift 3-30˚; immediate side shift 0-2mm, CR/MIP 0.5 increments to 6mm maximum.
- Closed fossa track with fixed upper member.

Track II Articulator

Features:
- Adjustable incisal guide table
- Finger screw adjustments

Comes complete with:
- 2 disposable mounting plates, carrying case, instruction manual

Item: 110320-3
Combi System: Designed for versatility and efficiency
This versatile system is efficient for cases requiring mounted casts, whether they are for compiling a comprehensive new patient diagnosis, restorative, orthodontic, or surgical procedures.

Combi II Semi-Adjustable Articulator
Features:
• Progressive side shift fixed at 15°
• Condylar inclination adjustable 0°-60°
• Retaining springs hold upper and lower members together and assist in smooth operation of lateral excursions
• Ability to tilt the instrument back at a 45° angle
• All finger screws, no tools required
• Durable black anodized finish
• Positive centric latch
• 110mm intercondylar distance
Comes complete with:
Custom (flat) incisal table, short round incisal pin, 12 disposable mounting plates, carrying case, instruction manual
Item: 20010147

Combi II Accessories

Recline Devices
Item: 20010169
Combi Articulator with Short Round Incisal Pin

Features:
- Simple, economical set path instrument
- Fully adjustable instrument for precise custom condylar path recordings
- A semi-adjustable instrument with a selection of fossae inserts to adjust the condylar path
- Positive centric latch
- 110mm intercondylar distance

Comes complete with:
- Custom (flat) incisal table, one pair each of 0° fossae and 20° fossae inserts, one set of clutches, 12 disposable mounting plates, wrench, carrying case, instruction manual

Item: 112035

Combi Accessories

Determinant Index System

In cases involving an adjustment to the occlusion where condylar path angulation is critical, the D.I.S. helps the clinician select the appropriate fossae. Using a protrusive checkbite record, the D.I.S. is easy to use and designed for recording a patient’s condylar path on the Combi. By simply squeezing the casts together, the amount of horizontal and vertical displacement of the condyle can be accurately measured for use in monitoring splint therapy and analyzing cephalometric radiographs.

Comes complete with:
- One set of Determinant Indexes and one set each of 25°, 30°, 35°, 40° and 45° fossae inserts.

Item: 112047

Combi Clutches

10 pair Combi Clutches for precise custom condylar path recordings.

Item: 112041-10

Combi Fossae Inserts

10 pair 0° Fossae for precise custom condylar path recordings.

Item: 112008-10
Articulators: Anamark Plus

Speed and simplicity all in one
The Anamark Plus semi-adjustable articulator provides a fast, uncomplicated method of setting up a case for occlusal diagnosis and treatment. Side shift adjustments are simply a matter of selecting the desired fossae (0.5mm or 1.0mm) and inserting them into the articulator.
Anamark Plus
Articulator P4T4

Features:
• Choice of fossae with pre-programmed immediate side shift of 0.5mm or 1.0mm
• Removable upper member
• Retaining springs hold bows together without being locked in centric
• Positive centric latch
• 110mm intercondylar distance
• 7˚ progressive side shift
• 3/4" curvature of superior wall
• Black finish

Comes complete with:
Custom (flat) incisal table with short round incisal pin, 12 disposable mounting plates, carrying case, instruction manual

Item: 113000-202 (1 pair of 1.0mm Fossae)
Item: 113000-201 (1 pair of 0.5mm Fossae)
Non-Adjustable Articulator
Ideal for fabricating single crown and minimal unit restorations in the laboratory, private practice and the teaching environment.

Automark
Non-Adjustable
Articulator
Features:
• Set to anatomical averages: 
  25° protrusive angle, 
  7° progressive side shift
• Positive centric latch
• 110mm intercondylar distance
Comes complete with:
Custom (flat) incisal table, short round incisal pin, 12 disposable mounting plates, carrying case, instruction manual
Item: 110407-4
Fully-Adjustable Articulator

Fully-adjustable fossae walls can be easily adjusted to duplicate patient’s condylar path of movement as recorded by the Pantograph or Cadiax.

D5A Fully-Adjustable Articulator

Available adjustments:
- Protrusive angle 0°-60°
- Immediate side shift 0-4mm
- Progressive side shift 0°-30°
- Rear wall 30° backward
- Top wall 30° up, 30° down
- Intercondylar distance 90-150mm

Standard equipment includes:
- Adjustable incisal table, custom (step) incisal table, long centric incisal pin, 12 disposable mounting plates, wrench pack, carrying case, instruction manual

Item: 110260-1

D5A Accessories

D5A Fossa Inserts

Medial Walls: Nylon, Flat, Straight
Item: 110066-4P
Superior Walls: Nylon and Straight
Item: 110066-1P
Superior Walls: Acrylic, 3/8” Radius
Item: 110066-3P
Value, Variety and Versatility

Whip Mix® offers a complete line of mounting plates to fit your varied needs. From reusable metal mounting plates to disposable plates, and our newest addition, Magnetic Mounting Systems! Our plates are produced to the highest quality standards and compatible with all Denar® and Hanau™ articulators.

It's a snap!

If you haven’t tried our Magnetic Mounting Plates yet you don’t know what you’re missing! Our customers tell us over and over how much they love them! They are so simple and you eliminate the tedious screwing and unscrewing of the cast.
Mounting Plates

Magnetic Mounting System
Features:
• Magnetic retention without adding steps to the process
• Mount casts in one quick step
• Works with all Hanau®, Denar® and Whip Mix® articulators

Converter Plates (2)
Item: 20002367

Converter Plates for Whip Mix® Articulators (2)
Item: 20002368

Disposable Mounting Plates (20)
Item: 20002368

Disposable Mounting Plates (100)
Item: 20002369

Magnetic Mounting System

Metal
Features:
• Reusable, non-warping zinc provides secure and accurate attachment of casts poured in dental stone
• Threaded brass insert, keyways and dowel holes assure accuracy
• Fits both Hanau® and Denar® articulators

Metal Mounting Plates (1 pair)
Item: 005057-000

Disposable Mounting Plates (10)
Item: 1100026-10

Disposable Mounting Plates (50)
Item: 1100026-50

Disposable Mounting Plates (100)
Item: 1100026-100

Disposable Plastic
Features:
• Holds models securely in place
• Metal insert minimizes cross threading and facilitates ease of use
• Fits both Hanau® and Denar® articulators
Articulator Accessories: Adaptability

**TMJ Tutor — TMJ Demonstration Device**
- Easy demonstration of the patient’s TMJ condition
- Inserts demonstrate individual malocclusion
- Corresponding splints demonstrate the reposition of teeth and the effects on joints

Comes complete with:
- Five mandibular dental arch inserts,
- Four splint/appliance inserts,
- Stand,
- Patient handouts (pkg. of 100),
- Instruction manual. Optional additional handouts are available.

Item: 650000

**Field Inspection Gauge — Optical Inspection Gauge**
- Calibrates Denar® articulators to allow transfer of mounted casts between articulators
- Permits calibration to original factory specs
- Calibration can be confirmed without sending the instrument back to the factory

Comes complete with:
- 2 inter-bow gauge pins,
- Instruction manual

Item: 160000

**Centri-Check System**
- Used in conjunction with centric relation bite records to verify their accuracy
- Easy-to-use system allows for the analysis and documentation of condylar positions

Comes complete with:
- Universal upper bow,
- 1 pair of recording pins,
- 6 pairs of recording inserts with labels,
- Four-color pen,
- Wrench,
- Instruction manual

Item: 180035
**Articulator Accessories: Adaptability**

**HIP Mounting Platform**
- Allows the maxillary cast to be mounted utilizing the Hamular Notches to Incisive Papilla on both Denar® and Hanau™ articulators
- Snaps into place on magnetic converter plate
- Easy and simple to use

*Item: 2000990*

**Occlusa-Check®**
- Detects occlusal interference of restorations while they are still on the articulator
- Easy to use: when the pin locks into the slot, the restoration is the correct height

*Item: 110357*

**Simplified Occlusal Plane Analyzer**
- Designed for analyzing the Curve of Spee and the Curve of Wilson

*Item: 110210-5*

**Instrument Case**
- Will hold Slidematic facebow with articulator

*Item: 110299-1*

**Mounting Platform — Maxillary Occlusal Rim Mounting Jig**
- Simplifies the mounting of complete dentures by eliminating the need for a facebow transfer

*Item: 35771-2*
**Unmatched Interchangeability**

All incisal pins and tables are interchangeable between articulators. Incisal pins can be raised and lowered on an arc, simulating the natural arc of closure. The combinations shown must be used together on the articulator.

**Dawson Fossa Guide Pin**
- Used to simplify carving of occlusal fossae of lower posterior teeth. Ensures fossae wall angles are shallower than the incisal guidance. Used with a custom (flat) incisal table (T4).
- Pin: Dawson Fossa Guide
- Table: Custom platform, flat

**Anterior Determiner**
- Shaped like an anterior tooth to allow for more precise fabrication of custom incisal guide tables. Used with a custom (flat) incisal table (T4).
- Pin: Anterior Determiner
- Table: Custom platform, flat

**Incisal Pins**
- Short round with support (P4) — Item: 300270
- Short round black with support (P4) — Item: 113027
- Long centric/adjustable foot (P2) — Item: 110092
- Long centric/adjustable foot with support (P2) — Item: 110098
- Tapered with support (P6) — Item: 110650
- Dawson Fossa Guide Pin — Item: 300163
- Anterior Determiner Incisal Pin — Item: 110448

**Incisal Guide Tables**
- Adjustable incisal table (T3) — uses long centric pin — Item: 110109
- Adjustable incisal table (T6) — uses tapered pin — Item: 110638
- Custom platform, flat (T4) — uses short round pin — Item: 110240
- Custom platform, flat (package of 12) — Item: 110240-12
- Custom platform, flat (T2) — uses long centric pin — Item: 110241
- Custom platform, flat (package of 50) — Item: 110241-50

**P4T4**
- Pin: Short round with support or short round black with support
- Table: Custom platform, flat

**P2T2**
- Pin: Long centric/adjustable foot
- Table: Custom platform, step

**P2T3**
- Pin: Long centric/adjustable foot
- Table: Adjustable
Unmatched Interchangeability

All incisal pins and tables are interchangeable between articulators. Incisal pins can be raised and lowered on an arc, simulating the natural arc of closure. The combinations shown must be used together on the articulator.

Dawson Fossa Guide Pin
Used to simplify carving of occlusal fossae of lower posterior teeth. Ensures fossae wall angles are shallower than the incisal guidance. Used with a custom (flat) incisal table (T4).
Pin: Dawson Fossa Guide
Table: Custom platform, flat

Anterior Determiner
Shaped like an anterior tooth to allow for more precise fabrication of custom incisal guide tables. Used with a custom (flat) incisal table (T4).
Pin: Anterior Determiner
Table: Custom platform, flat

Incisal Pins
- Short round with support (P4)
  Item: 300270
- Short round black with support (P4)
  Item: 113027
- Long centric/adjustable foot (P2)
  Item: 110092
- Long centric/adjustable foot with support (P2)
  Item: 110093
- Tapered with support (P6)
  Item: 110659
- Dawson Fossa Guide Pin
  Item: 300163
- Anterior Determiner Incisal Pin
  Item: 110448

Incisal Guide Tables
- Adjustable incisal table (T3) — uses long centric pin
  Item: 110109
- Adjustable incisal table (T6) — uses tapered pin
  Item: 110635
- Custom platform, flat (T4) — uses short round pin
  Item: 110240
- Custom platform, flat (package of 12)
  Item: 110240-12
- Custom platform, flat (T2) — uses long centric pin
  Item: 110241
- Custom platform, flat (package of 50)
  Item: 110241-50
Slidematic facebows
Possibly the fastest facebow system you will ever use. A fast, easy and accurate means of transferring proper maxillary relationships.

Slidematic Facebow
Features:
• Precision speed-glide gear mechanism permits the facebow to open and close on the axis
• Convenient detachable transfer jig mounts to the articulator, freeing the facebow for the next patient
• Adaptable to Denar®, Hanau™ and Whip Mix® articulators

Comes complete with:
One measuring bow, Denar® transfer jig assembly, other needed accessories, instruction manual

Slidematic Facebow with
1 Denar® Jig —
Item: 200011-2

Slidematic Facebow with
3 Denar® Jigs —
Item: 200011-6

Slidematic Facebow with
1 Hanau™ Jig —
Item: 200049-1

Slidematic Facebow with
1 Hanau™ Jig and maxillary cast support —
Item: 20009833
D31AB Facebow/Earbow

Features:
- Dual purpose: can be located to the arbitrary or precise hinge axis, or to the external auditory meatus
- Independent sidearms for accurate alignment
- Earbow mounts to the articulator behind the condyle; the facebow by means of mounting studs in the condyle

Comes complete with:
Standard sidearms, crossbar, dentulous bitefork, reference plane locator, instruction manual

Item: 101437

Slidematic Accessories

- Slidematic Indexes
  - Hanau™ Articulator Index
    Item: 200082
    Whip Mix™ Articulator Index
    Item: 200088
  - Whip Mix® Articulator Index with cast support (shown)
    Item: 200088Q

- Slidematic Bitefork
  - Hanau™ Dentulous Bitefork
    Item: 200029
  - Whip Mix® Dentulous Bitefork
    Item: 200030

- Reference Plane Locator
  Item: 3266

- Maxillary Cast Support
  Item: 101217
Cadiax® Compact 2 System and Recording Software

Features:
• Real-time recording to visually locate reference position
• Increased resolution
• Compatible with Vista®, Windows XP® and Windows 2000®
• Uses new magnetic technology for optimized recording of biomechanical movements of the TMJ
• Multiple recordings for comparison of tracings and accuracy verification
• New streamlined Cadiax® unit:
  - Space-saving dimensions (1.5”L x 6.5”H x 6.5”D)
  - Portable
  - Plugs directly into computer USB port
• Settings can be calculated for over 15 different models of articulators

Comes complete with:
Cadiax® compact unit, upper and lower facebow, clutch, foot switch, 2 sensor flags, 2 styli, instruction manual and recording software

Item: 20002375
**Cadiax® Compact 2**

**Cadiax Accessories**

- **Tray Clutch**
  - Item: 20002386

- **Functional Clutch**
  - Item: 20004306

- **Central Bearing Clutch**
  - Item: 20004671

- **Deprogrammers**
  - Attach to the tray clutch.
  - Package of 25.
  - Item: 20005191

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**Gamma Dental Software®**

Extends and enhances the capabilities of the Cadiax® Compact 2.

**Features:**
- Provides many options for data analysis and patient presentation/consultation
- More detailed analysis of the condylar data
- Allows creation of patient databases and will store additional documents, such as text or pictures
- Works on IBM-compatible PCs, no special hardware needed

Comes complete with:
- Gamma Dental Software® on CD-ROM, illustrated instruction manual
  - Item: 20002916
Instrument Systems: Radiographic

**Accurad™-200 Transcranial System**

Features:
- Attaches easily and securely to standard dental x-ray machines
- Lightweight to provide patient comfort and easy maneuvering
- Allows six radiographs to be taken on one 5" x 7" film—one of the right side and three of the left
- Calibrated reference points provide patient positioning data to ensure repeatability throughout progressive treatment

Comes complete with:
- Film cassette with Lanex Rare Earth intensifying screens, universal adapter, patient film envelopes, quick-reference wall chart, instruction manual

Item: 100400-1E

**Accucceph Cephalometer System**

Features:
- Simple and versatile wall mounted system.
- System can be adjusted for either 8"x10" or 10"x8" format to produce cephalograms, AP, PA or oblique radiographs.
- Rigid, durable design ensures stability and accuracy.

Comes complete with:
- Cephalostat, fixator/collimator, instruction manual

Item: 100800-08

**Accessories**

- **Patient Film Envelopes**
  - Package of 50, provides storage of x-ray and record data for easy repositioning of patient.
  - Item: 8160

- **Film Cassette with Lanex Rare Earth Screens**
  - Item: 100414-1

**Soft Tissue Shield**

Prevents elimination of the soft tissue on the cephalogram due to excessive x-ray penetration.

Item: 100864

**Quick-Release Wall Plate**

Allows easy removal and storage of the system.

Item: 100890

**Additional Products:** Denar ®
Additional Products: Denar®

**Denar® Facebows**
- Measuring Bow
  - Item: 20002950
- Reference Plane Marker
  - Item: 3265

**Miscellaneous Denar® Instruments**
- Centri-Check Recording Inserts – 10 Pair
  - Item: 180049
- S.O.P.A. Flag Stickers (40 Labels, L and R)
  - Item: 34826-9

**Miscellaneous Denar® Accessories**
- Mounting Stud (Pair)
  - Item: 110016-2
- Remount Record Jig
  - Item: 101038
- Combi Wrench
  - Item: 3751
- Wrench #1 (3/32)
  - Item: 3261-1
- Wrench for D5A and Mark II Fossa Inserts
  - Item: 3261-2
- Superior Wall Insert for Mark II
  - Item: 300710-1

**Pantograph Accessories**
- Clutch Frames (15 Pair)
  - Item: 101138-30

**Patient Education Aids**
- TMJ Tutor Replacement Inserts
  - Item: 650026
- TMJ Tutor Replacement Rubber Bands
  - Item: 650027

**Patient Handouts**
- Nightly Grind Reprints (100)
  - Item: 8041
- Occlusal Treatment – Equilibration/Restoration (100)
  - Item: 8081
- TMJ-Pain Understanding the Cause and Cure (100)
  - Item: 8129
Wide-Vue Series Articulators ..........6-7
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Hanau™ brand articulators were introduced to the dental profession in 1921. Rudolph L. Hanau, an engineer and Director of Research in biomechanical problems, developed the Hanau™ brand of instrumentation and is well known for the Articulation Quint which coordinated the ten main Laws of Articulation. Since that time, Hanau™ has been responsive to the needs of the dental practitioner and has produced a number of models incorporating specific features suggested by members of the dental profession. Acclaimed for their simplicity, dependability and unexcelled workmanship, Hanau™ Articulators have been accepted as the standard for instruction, clinical application and diagnostics. The Hanau™ line of articulators was acquired by Whip Mix® in 2008 and is an important offering in our new Restorative Oral Health Division.
Articulators: Wide-Vue

Wide-Vue Semi-Adjustable Articulator

- Lingual access is unobstructed. You’ll appreciate its enhanced view when positioning tooth-to-tooth contacts on models and final prostheses.
- Closed tracking fossa and fixed upper member are ideal for fabricating prosthetic appliances.
Wide-Vue Accessories

Wide-Vue Articulator

Adjustments:
Bennett: 0°-30°
Protrusive angle: -20°-+60°

Comes complete with:
Orbitale indicator, dual-end incisal pin,
1 pair of metal mounting plates,
10 disposable mounting plates,
instruction manual, carrying case

Item: 010885-000

Maxillo Facial Articulator with additional 25mm (1") vertical height

Adjustments:
Bennett: 0°-30°
Protrusive angle: -20°-+60°

Comes complete with:
Orbitale indicator, dual-end incisal pin,
2 pairs of metal mounting plates,
instruction manual

Item: 010882-000

Wide-Vue Accessories

Adjustable Incisal Guide
May be moved anteriorly or posteriorly which minimizes having to adjust for the “x” dimension. Incline may be adjusted and locked from 0° to 40° protrusive. Adjustable lateral wings establish the degree of incisal freedom from 0° to 45°.

Item: 010731-000

Dual-End Incisal Pin
Has a chisel end for use with an adjustable incisal guide and a spherical end for use with a flat anterior guide. Both ends are calibrated for vertical adjustments.

Item: 010739-000

Centric Riser
(not shown)

Item: 005198-000

Adjustable Incisal Pin
Allows the vertical distance on the articulator to be altered within a range of 5mm. Remains on the exact rotational center of the incisal guide, permitting an increase or decrease of the guide inclination without altering the vertical dimension.

Item: 010670-000

Remounting Record Jig 85-2 (Bonwill)
Used in preparation of a permanent plaster record of full or partial dentures on an articulator, maintaining original relationship to the condyles, and for “milling in” of finished dentures.

Item: 003102-000

Remounting Record Jig 158-51
Used for preparation of a permanent plaster record, accurately relocates the occlusal index for remounting the upper model after processing. This precludes taking a second facebow record and transfer to the articulator.

Item: 009544-000

Magnetic mounting plates optional
See page 14.
Articulators: Modular System

Modular Semi-Adjustable Articulators

- Interchangeable fossae provide maximum flexibility and precision, enabling proper occlusion for each patient.
- Removable upper member facilitates wax-ups.
- Programmed fossae with curved 19mm (3/4") radius simulate average anatomical movements.

Modular with Adjustable Radial Shift

Features:

- Adjustable table
- Dual-end incisal pin
- 0°-90° adjustable condylar inclination
- 19mm superior radius
- 0°-30° adjustable Bennett
- 0-4mm adjustable immediate side shift

Item: 014503-000

(models/combos not shown)

Modular with 0° Side Shift, Flat Table

Features: Flat table, dual-end incisal pin, metal T-knobs for 0°-90°, adjustable condylar inclination, 0° side shift, 19mm superior radius, elastics

Item: 014309-000

Modular with Adjustable Bennett and Adjustable Condylar Inclination

Features: Flat table, dual-end incisal pin, 0°-90° adjustable condylar inclination, CH/MI² adjustment, 19mm superior radius

Item: 014116-000
Each Modular Articulator features:
- Positive centric latch
- Interchangeability of accessories and casts
- Wide lingual visibility
- Removable upper member
- Sturdy construction and ease of use

Each Modular Articulator comes complete with:
- 2 metal mounting plates
- 10 plastic mounting plates
- Wrench
- Instruction manual and carrying case

Magnetic mounting plates optional
See page 14.

Modular with Programmed Fossae
Features:
- Adjustable table
- Dual-end incisal pin
- 0°-90° adjustable condylar inclination
- Programmed 1mm side shift
- 19mm superior radius
Item: 014300-000

Pankey Modular Articulator
Features:
- Flat table
- Adjustable incisal pin
- 0°-90° adjustable condylar inclination
- 19mm superior radius
- Elastics
Item: 35437-8

Modular with Adjustable Bennett and Orbital Indicator
Features:
- Adjustable table
- Dual-end incisal pin
- 0°-90° adjustable condylar inclination
- 19mm superior radius
Item: 014102-000

Modular System Accessories

Adjustable Incisal Guide
May be moved anteriorly or posteriorly which minimizes having to adjust for the “x” dimension. Incline may be adjusted and locked from 0° to 40° protrusive. Adjustable lateral wings establish the degree of incisal freedom from 0° to 45°.
Item: 010731-000

Dual-End Incisal Pin
Has a chisel end for use with an adjustable incisal guide and a spherical end for use with a flat anterior guide. Both ends are calibrated for vertical adjustments.
Item: 010081-000

Adjustable Incisal Pin for Pankey Modular
For flat table. Allows the vertical distance on the articulator to be altered within a range of 5mm. Remains on the exact rotational center of the incisal guide, permitting an increase or decrease of the guide inclination without altering the vertical dimension.
Item: 010670-000

Adjustable Incisal Pin
For adjustable table. Allows the vertical distance on the articulator to be altered within a range of 5mm. Remains on the exact rotational center of the incisal guide, permitting an increase or decrease of the guide inclination without altering the vertical dimension.
Item: 010670-000

Remounting Record Jig 85-2 (Bonwill)
Used in preparation of a permanent plaster record of full or partial dentures on an articulator, maintaining original relationship to the condyles, and for “milling in” of finished dentures.
Item: 003102-000

Remounting Record Jig 158-51
Used for preparation of a permanent plaster record, accurately relocates the occlusal index for remounting the upper model after processing. This precludes taking a second facebow record and transfer to the articulator.
Item: 009544-000
Articulators: 96H2 Series

96H2 Semi-Adjustable, Non-Arcon Articulator

- Condylar guidances are associated with the lower member, which simulates the multiple functions of the Glenoid Fossa in centric, protrusive, and right and left lateral positions.
- Enclosed track design prevents vertical displacement of the condylar element when waxing or making excursive movements with the instrument.
Series 96H2 Articulator

Adjustments:
Lateral: 0°-30°
Protrusive: 0°-75°

Comes complete with:
Adjustable incisal guide, standard incisal pin, extension pin, orbitale indicator, 1 pair of metal mounting plates, 10 disposable mounting plates, instruction manual, carrying case

Item: 003302-000

96H2 Series Accessories

Plastering Stand 96-0
For convenient stabilization of the articulator in an inverted position during the mounting of the mandibular cast.
Item: 003368-000

Remounting Record Jig 85-0
Used in preparation of a permanent plaster record of full or partial dentures on an articulator, maintaining original relationship to the condyles, and for “milling in” of finished dentures.
Item: 003101-000

Adjustable Incisal Guide
May be moved anteriorly or posteriorly which minimizes having to adjust for the “x” dimension. Incline may be adjusted and locked from 0° to 40° protrusive. Adjustable lateral wings establish the degree of incisal freedom from 0° to 45°.
Item: 009551-000

Standard Incisal Pin
Item: 003330-000
Articulators: Non-Adjustable

Affordable, lightweight and easy to use
The non-adjustable articulators offer dental professionals, laboratories, and teaching facilities a choice of lightweight, easy-to-use articulators and accessories with the features they’re looking for — at a price that’s affordable.

Ulti-Mate™ Articulator with Fixed Settings
Features:
• Magnetized fossae for stabilization of the fossa and positive return to centric position
• Lower member designed to tilt the instrument back at a 45° angle
• Innovative centric lock pins allow the instrument to be used in three positions
• Mounting plates sold separately
Comes complete with:
Extension pin, anterior reference pin, wrench, instruction manual
Item: 20011209
Model Mate™ Plasterless Articulator

Features:
- Easy and fast—no plaster needed
- Quickly secure and easily remove casts with a twist of a thumbscrew
- Flexible to any angle desired; the sliding arm allows you to line up the models in an anterior/posterior position and the ball joint swivels allowing the upper cast to rotate 360˚
- Ideal for splint fabrications, orthodontics, case presentations, and orthognathic surgery

Item: 20006899

Hanau-Mate® Non-Adjustable Articulator

Features:
- Built-in average Bennett angle of 15° closely simulates human anatomy, ideal for laboratories and teaching facilities
- Protrusive angle fixed at 30°
- Removable upper member to speed wax-ups, locks return the case to “centric” position
- This low-cost, easy-to-use instrument is ideal for single crown and minimal unit fabrication

Comes complete with:
- 2 disposable mounting plates, instruction manual

Item: 009856-000

Mounting Platform (Frankfort) 165-66

Features:
- Accessory for Hanau-Mate®
- Mounts the maxillary cast to an average anatomical inclination and average “arc of closure”
- The plane of occlusion is inclined 7°

Item: 009866-000

Hanau™ Articulator Accessories

Instrument Case
Will hold Springbow with articulator.
Item: 015601-000

Broadrick Occlusal Plane Analyzer (142-1)
Used for analyzing the Curve of Spee and Curve of Wilson, and developing an acceptable curve of occlusion. Can be used with all current Hanau™ and Denar® articulators.
Item: 006901-000

Flat Plastic Anterior Table
May be used for fabricating custom anterior guide tables.
Item: 0010741-000 (1 piece)
Item: 009486-000 (6 pack)
Item: 009489-000 (12 pack)

Orbitale Indicator (Frankfort Horizontal Plane)
Used with procedures employing the infra-orbital notch as an anatomical third reference point during facebow application and transfer.
Item: 010046-000

Remounting Record Jig 158-51
Used for preparation of a permanent plaster record, accurately relocates the occlusal index for remounting the upper model after processing.
Item: 003102-000
Mounting Plates

Value, Variety and Versatility

Whip Mix® offers a complete line of mounting plates to fit your varied needs. From reusable metal mounting plates to disposable plates, and our newest addition, Magnetic Mounting Systems! Our plates are produced to the highest quality standards and compatible with all Denar® and Hanau™ articulators.

It’s a snap!

If you haven’t tried our Magnetic Mounting Plates yet you don’t know what you’re missing! Our customers tell us over and over how much they love them! They are so simple and you eliminate the tedious screwing and unscrewing of the cast.
Magnetic Mounting System
Features:
- Magnetic retention without adding steps to the process
- Mount casts in one quick step
- Works with all Hanau™, Denar® and Whip Mix® articulators

Converter Plates (2)
Item: 20002367

Converter Plates for Whip Mix® Articulators (2)
Item: 20003145

Disposable Mounting Plates (20)
Item: 20002368

Disposable Mounting Plates (100)
Item: 20002369

Metal
Features:
- Reusable, non-warping zinc provides secure and accurate attachment of casts poured in dental stone
- Threaded brass insert, keyways and dowel holes assure accuracy
- Fits both Hanau™ and Denar® articulators

Metal Mounting Plates (1 pair)
Item: 005057-000

Disposable Plastic
Features:
- Holds models securely in place
- Metal insert minimizes cross threading and facilitates ease of use
- Fits both Hanau™ and Denar® articulators

Disposable Mounting Plates (10)
Item: 1100026-10

Disposable Mounting Plates (50)
Item: 1100026-50

Disposable Mounting Plates (100)
Item: 1100026-100
Springbow Earpiece and Facia Facebows

The laboratory needs data to replicate a patient’s functional patterns. The facebow record provides the proper orientation of the maxillary model to the articulator. Without the facebow record, an articulator is ineffective in achieving proper occlusion.

**Springbow Earpiece Facebow (complete)**

Features:
- Used to capture and record a patient’s maxillary arch and its relationship to the condyles
- Quick and easy to use
- Allows indirect or direct mounting to all Hanau™ and Denar® articulators (except Hanau™ Model 145)
- Automatically centers for outstanding accuracy and patient comfort, may be sterilized by steam autoclave

Comes complete with:
Springbow, transfer clamp assembly, anterior elevating assembly, mounting platform with built-in cast support, bitefork and biteplane

*Item: 010328-000*

**Springbow Direct Mounting Only (not shown)**

Comes complete with:
Springbow, transfer clamp assembly, anterior elevating assembly and bitefork

*Item: 010351-000*
132-2C Facia Facebow

Features:
- Elevating screw permits facebow adjustment during mounting of the maxillary cast on the articulator

Comes complete with:
“T” type locking mechanism and bitefork

For all current Hanau™ articulators
Item: 005702-000

132-2SM Facia Facebow

Features:
- Includes a pointer for alignment to the orbitale as a third point of reference
- Equipped with two clamps; one to retain the bitefork and one to retain the orbitale pointer

Comes complete with:
Orbitale pointer and bitefork

For all current Hanau™ articulators
Item: 005705-000

Facebows Accessories

Transfer Clamp Assembly
Item: 010356-000

Bitefork (edentulous use)
Item: 005726-000

Biteplane (dentulous use)
Item: 005727-000

Mounting Platform
Has a built-in cast support. Attaches to the articulator to transfer patient’s maxillary record captured with bitefork assembly on the Springbow.
Item: 010342-000

Maxillary Cast Support
The adjustable “T” supports the bitefork and maxillary cast when mounting the facebow record on the articulator. Works with both magnetic and traditional plates.
Item: 003401-000

Snaps on magnetic system!
Hanau™ stands for dependability in the lab
The Hanau™ brand of dental lab products has long been the choice of laboratories looking for reliable performance they can depend on, and keep depending on for long-term service.

Touch-O-Matic® Bunsen Burner
Features:
• “On-Off” platform saves gas and reduces the heat load and electricity expended and also serves as a comfortable hand rest
• Simply depress and turn platform slightly for continuous flame
• Removable and rotatable shield protects the pilot and flame from drafts
• Burner assembly can be conveniently detached for cleaning
• Loop heat conductor and cup sold separately

Touch-O-Matic® Mixed Gas Model
Item: 002806-000

Touch-O-Matic® Natural Gas Model
Item: 002807-000

Touch-O-Matic® Propane Gas Model
Item: 002808-000

Touch-O-Matic® Butane Gas Model
Item: 002809-000

Alcohol Torch
Features:
• Fingertip control of the “trigger” plunger provides just the flame needed
• Readily adjusts to the type of flame desired—from an intense needle point to a mild brushing flame
• Made of a special durable plastic, with all working parts of metal. Employs the principle of an air pump in its trouble-free design and construction

Item: 000301-000

Flask Compress
Features:
• Durable, one-piece casting of special high tensile manganese bronze, notable for its strength
• Special wrench and holding handle are supplied
• Convenient lifting loop is attached, permitting easy compress placement or removal from hot curing baths

Item: 001001-000

Varsity Flasks – Ejector Type
Features:
• Made of forged brass, interior and exterior are both finished
• Tapered, stainless steel guide pins securely and accurately align flask sections

Varsity Upper Flask – Ejector Type
Item: 001602-000

Varsity Lower Flask – Ejector Type
Item: 001702-000
Additional Products: Hanau™

**Hanau™ Modular Fossa Pairs**
Adjustable Bennett, 19mm Superior Wall, 6mm protrusive/retrusive
**Item:** 015545-000

**Hanau™ Facebow with Earpiece/Bitefork**
Model 153-16
**Item:** 008824-000

**Hanau™ Incisal Pins and Tables**
Incisal Pin Extension for the H2
**Item:** 005243-000
Thumbscrew for Anterior Slot Articulators
**Item:** 010717-000

**Optional Hanau™ Accessories**
Occlusal Plane Analyzer
Recording Cards (Package of 12)
**Item:** 006916-000
Disposable Mounting Inserts (Package of 12)
**Item:** 009112-000

**Hanau™ Lab Products**
Nozzle Tip for Alcohol Torch
**Item:** 000321-000
Complete Nozzle Holder Assembly for Alcohol Torch
**Item:** 000354-000
Wicks (Package of 12) for Alcohol Torch
**Item:** 000349-000
Waxing Cup for Touch-O-Matic®
**Item:** 002870-000
Loop Heat Conductor (molten wax) for Touch-O-Matic®
**Item:** 002871-000
Disc only for Ejector Type Flasks
**Item:** 001613-000
Ejector for Varsity Upper & Lower with pry bars
**Item:** 001801-000
Ejector Pry Bar
**Item:** 001814-000
Flask Compress Wrench
**Item:** 001015-000
Flask Compress Handle
**Item:** 001013-000
Hydraulic Press #2, Two-Flask Capacity
**Item:** 008411-000
Hydraulic Press Oil (7-oz. Can)
**Item:** 003578-000