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# Hand Instruments

## Unitek™ Prestige Series Pliers



### Weingart Utility Pliers

“Sure-grip” precision-matched serrated pads. Outer surface of beaks are carefully rounded for safety and comfort to lips and intraoral tissue.

900-700

900-735 Similar to 900-700, but with smaller tips for better intraoral accessibility.



### How Utility Pliers

(Straight/Rectangular)

Matching (2.4 mm) diameter tips. Precision-ground serrations securely hold wire at any convenient working angle. Beaks rounded for lip safety and comfort.

900-701

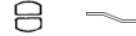


### How Utility Offset Pliers

(Offset/Regular Tip)

Similar to the 900-701 plier, except tips are offset at 45° angle to facilitate posterior intraoral applications.

900-702



### Tweed Rectangular Arch-Forming Pliers

For rectangular and square wires. Gripping surfaces are precision machined to hold wire at right angle without slipping. Blades are .070 in. (1.78 mm). **Maximum wire size .021 x .025 in.**

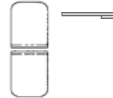
900-703



### Lingual Lock-Forming Pliers

Forms terminal double-back bends in either .030 in. or .036 in. maximum lingual arches.

900-706



### Three-Jaw Wire Bending Pliers

Precision-aligned tips assure consistent bends. The two-beak jaw is one-piece construction.

**Maximum wire size .021 x .025 in. & .022 in. diameter.**

900-705

900-729 Small Three-Jaw Wire Bending Pliers (Shorter Beaks)



### Jarabak Pliers

For precise bending of lighter wires. Precision-aligned grooves with serrated tips in both beaks assure accurate bending of closing loops. **Maximum wire size .016 in. diameter.**

900-704



### Omega Loop-Forming Pliers

(Concave Beak)

For making uniform Omega loops in square and rectangular wires up to .021 x .025 in. Replaceable three-section tip has 1.14 mm, 1.52 mm, and 1.91 mm diameters.

900-707

900-708 Replacement Tip. 1pk = 1 tip



### Tweed Loop Former

Facilitates the making of Omega, “Bull” and closing loops. Three-step cylindrical beak opposite concave, serrated beak. Holds wire opposite at right angle while loop is formed. **Maximum wire size .021 x .025 in. & .022 in. diameter.**

900-720



# Hand Instruments

## Unitek™ Prestige Series Pliers



### Bird Beak Pliers

For rounded wire up to .030 in. diameter. Precision ground cone is .64 mm and pyramid beaks have sides ground for precise bends.

900-709



### Light Wire Bird Beak Pliers

Similar to 900-709 pliers except beaks are more gradually tapered to bend small diameter loops. **Maximum wire size .016 in. diameter.**

900-710



### Band Seating Pliers

Square, tapered, serrated tips grip prewelded bracket wings securely while fitting bands.

900-711



### Band Removing Pliers

(Short Beak)

Short, chisel-tip beak catches gingival edge of band. Counterforce on occlusal provided by plastic padded tip.

900-712



900-714 4 Replacement Pads, 3/16 in. (4.8 mm)

900-715 4 Replacement Pads, 1/4 in. (6.3 mm)



### Band Removing Pliers

(Long Beak)

Long, narrow chisel-tip beak facilitates removal of posterior bands. Also useful for removing direct-bonded attachments.

900-713

900-714 4 Replacement Pads, 3/16 in. (4.8 mm)

900-715 4 Replacement Pads, 1/4 in. (6.3 mm)



### Bond Removing Pliers

Designed for initial removal of bonding and composite materials. Has replaceable blade and occlusal pad.

900-717

900-718 Replacement Blade

900-719 Replacement Pad



### Hollow Chop Pliers

Convex/concave beaks are .300 in. (7.61 mm) wide. Ideal for reshaping and contouring Nitinol wire and arches. **Maximum wire size .021 x .025 in. & .020 in. diameter.**

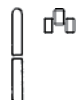
900-716



### Arch Bending Pliers (.050)

Provides efficient handling of square and rectangular wires. Blades are .050 in. (1.27 mm). **Maximum wire size .021 x .025 in. & .022 in. diameter.**

900-721



# Hand Instruments

## Unitek™ Prestige Series Cutters



### Universal Cutter

(Safety Hold)

Holds loose distal ends. Shear-cuts hard wire.

**Cut and hold capacity: Maximum .021 x .025 in.**

**Nitinol, Braided and minimum .012 in. Nitinol.**

900-756

900-757 Long Handle



### End Cutter (Distal)

72° angle for very close cut to buccal tube.

**Cutting capacity: Maximum .021 x .025 in.**

Hi-T™ and Nitinol; minimum .016 x .016 in.

Braided and .016 in. diameter Nitinol.

900-750



### Hard Wire Cutter

15° cutting angle. New specially designed, diamond-honed to cut hard wire. Precision-machined joint.

**Cutting capacity:**

**Maximum hard wire up to .021 x .025 in.**

Hi-T and Nitinol; minimum .010 in.

diameter Hi-T.

900-751



### Wire Cutter

Similar to 900-751 straight cutting jaws.

**Cutting capacity: Maximum archwires up**

**to .021 x .025 in.** Hi-T and Nitinol; minimum

.010 in. diameter Hi-T.

900-752



### Pin and Ligature Cutter

Straight-back designed to cut soft wires.

Sharp pointed diamond-honed tips to cut

ligature wire at very point of cutter blades.

**Cutting capacity: Maximum soft wire up to**

**.014 in. diameter.**

900-753



### Miniature Pin and Ligature Cutter

Tips for finite cutting of ligature wires.

**Cutting capacity: Maximum soft wire up to**

**.012 in. diameter.**

900-754



### Micro-Miniature Pin and Ligature Cutter

Sharp pointed diamond-honed tips to cut

ligature wire at very point of cutter blades.

**Cutting capacity: Maximum soft ligature**

**up to .010 in. diameter.**

900-755

**Warning:** Before cutting wire in the mouth with any non-safety hold cutter, place a gauze pad or cotton roll next to the wire end to catch wire fragments.

Do not over-stress instruments as instrument may break if over-stressed. Observe maximum capacity listed for the instrument.

# Hand Instruments

## Self-Ligating Bracket Instruments



SMARTCLIP<sup>SL3</sup>  
SELF-LIGATING APPLIANCE SYSTEM



### SmartClip™ Appliance Wire Disengagement Instrument

Archwires are removed from Clarity™ SL Self-Ligating Brackets or SmartClip™ Self-Ligating Brackets by sliding the instrument's hooks beneath the archwire and lifting it away from the bracket with a squeeze.

804-160

804-161 Slide Reorder Pack

804-162 Hook Insert Replacement



### SmartClip™ Appliance Wire Insertion Instrument

Using the single tip on one end or the double tip on the other end, archwires are engaged into Clarity SL Self-Ligating Brackets or SmartClip Self-Ligating Brackets with a roll of the hand.

804-152 .022 Bracket Instrument

804-153 .018 Bracket Instrument



### Unitek™ Self-Ligating Bracket Debonding Instrument

Distinguished debonding tool designed for the 3M Unitek Self-Ligating Bracket System: Clarity SL Self-Ligating Brackets and SmartClip Self-Ligating Brackets. Also recommended for Clarity™ ADVANCED Ceramic Brackets. May be used with or without the archwire engaged in the bracket slot.

804-170C



### Unitek™ Bracket Placement Instrument

Stainless Steel Reverse Action Tweezer/Instrument designed with Self-Ligating brackets in mind. The downward slope of the forearm improves operator visibility while placing the bracket onto the tooth. The instrument is constructed with a convex reverse end that can be used to seat brackets, the slender tips and concave undercarriage allow easy bracket removal from the APC™ Adhesive blister.

804-171

# Hand Instruments

## Unitek™ Positioning Instruments

### Boone Bracket Positioning Gauge

Flat surface of stainless steel gauges are placed on incisal/occlusal surface of teeth. Fixed-pin scribes mark bracket height positions of 3.5 mm, 4 mm, 4.5 mm, and 5 mm.

807-002



**MBT™**  
Versatile+ Appliance System



### Unitek™ Bracket Positioning Gauges

Precision machined handles, color coded size, establishes proper bracket height, measured from bracket slot to incisal/occlusal surface of tooth.

- 900-836 Positioning Gauge One (2.0 - 2.5 mm)
- 900-837 Positioning Gauge Two (3.0 - 3.5 mm)
- 900-838 Positioning Gauge Three (4.0 - 4.5 mm)
- 900-839 Positioning Gauge Four (5.0 - 5.5 mm)
- 900-840 Positioning Gauge Five (6.0 - 6.5 mm)
- 900-841 Set of four Gauges (One - Four)

# Hand Instruments

## Fixed Appliance Removing Pliers / Instruments

### Bracket Placement Instrument

#### Unitek™ Crimpable Hook Pliers



#### Unitek™ Buccal Tube Convertible Cap Removing Pliers

Precision, stainless steel instrument uses reciprocal plier action to shear off the temporary cap on a convertible first molar buccal tube. Kit includes complete pliers, allen wrench, spare tip, and instructions.

805-035 Buccal tube convertible cap removing pliers, kit

805-036 Replacement tips (5/pk)



#### Debracketing Instrument

Place the wire over any tie-wing, position the instrument to straddle the bracket, lightly squeeze until both contact surfaces rest evenly on the tooth surface then squeeze slightly harder until the bracket lifts off. Kit includes replacement wire, allen wrench, and debracketing instrument.

444-761 Instrument kit

444-766 Replacement wires for full size brackets

444-767 Allen wrench and replacement wires

444-780 Replacement wires for miniature brackets



#### Unitek™ Debonding Instrument

Debonding tool designed for the removal of traditional Non Self-Ligating 3M Unitek Metal and Ceramic Bracket Systems. The positioning ledge is not used in debonding metal brackets; refer to the Unitek™ Debonding Instrument Technique Guide for additional information.

900-850C



#### Unitek™ Self-Ligating Bracket Debonding Instrument

Distinguished debonding tool designed for the 3M Unitek Self-Ligating Bracket System: Clarity™ SL Self-Ligating Brackets and SmartClip™ Self-Ligating Brackets. Also recommended for Clarity™ ADVANCED Ceramic Brackets. May be used with or without the archwire engaged in the bracket slot.

804-170C



#### Unitek™ Bracket Placement Instrument

Stainless Steel Reverse Action Tweezer/ Instrument designed with Self-Ligating brackets in mind. The downward slope of the forearm improves operator visibility while placing the bracket onto the tooth. The instrument is constructed with a convex reverse end that can be used to seat brackets, the slender tips and concave undercarriage allow easy bracket removal from the APC™ Adhesive blister.

804-171



#### Unitek™ Crimpable Hook Pliers

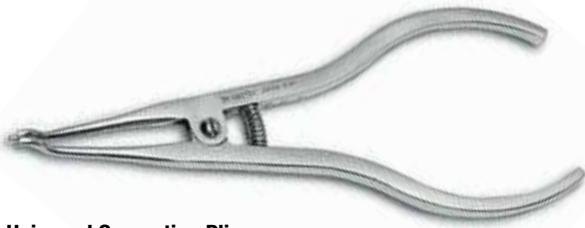
Unitek™ Crimpable Hook Pliers are designed to provide maximum convenience and assured placement of Unitek Crimpable Auxiliaries on the archwire. With the combination of tip, joint and handle designs, these pliers offer optimal leverage to secure the crimps, with limited force required.

804-173



# Hand Instruments

## Hinged Instruments



### Universal Separating Pliers

Lightweight stainless steel instrument provides easy access to difficult-to-reach areas. Features spring-back action.

800-734



### Deluxe AlastiK™ Force Modules Needle Holder

Similar to the 809-007 Mathieu Needle Holder except it is miniature and the tips are ultra-fine to facilitate application of AlastiK™ Modules. **Not for use with metal ligatures.**

809-006



### Mathieu Needle Holder

A precision stainless steel ligating instrument with fine, serrated tips and a quick-release positive locking mechanism on the rear of the handles. A free-sliding leaf spring on the inner surface opens the beaks when the lock is released. Very useful for placing AlastiK Force Modules. Can also be used with metal ligatures.

809-007



### Standard Mosquito Forceps

Stainless steel, latching-type forceps, useful for placing AlastiK Force Modules.

800-203





# Hand Instruments

## Ligating Instruments



### Double-Ended Ligature Director

Features a straight, notched tip at one end for use on anterior brackets, and an angled, notched tip at other end for easier access to posterior brackets.

803-007



### Double-Ended Dual Purpose Instrument

Combines offset taper for removing AlastiK™ Ligatures on one end and an angled notch ligature director on the other end to facilitate AlastiK module placement in hard to reach places.

900-815



### Single-Ended Ligature Director

Made from stainless steel with a small, thin, serrated tip for tucking in ligature pigtails.

803-003

# Hand Instruments

## Miscellaneous Hand Instruments



### Molar Band Seater

Features a hardened, cobalt-based alloy tip embedded in a molded handle which serves as a bite stick. The serrated, triangular tip allows better interproximal access with a positive grip.

811-001



### Cotton Pliers

Multi-purpose instrument made from hard chrome-plated surgical steel. Two styles are available: one featuring straight handles and offset tips, and the other featuring slightly counter-curved handles proximal to the offset tips. Both styles have serrated tips.

832-221 Straight

832-222 Curved



### No. 5 Front-Surface Mouth Mirror

Single-ended instrument featuring an autoclaveable, replaceable mirror head.

900-823

900-824 Replacement head for

No. 5 mouth mirror



### Lightweight Band Seater and Pusher

A well-balanced, hollow-handled, stainless steel instrument with angled, serrated tip to assure a positive grip on band edges and seating lugs.

900-832



### Sickle-Style Cement Remover and Bracket Positioner

Double-ended instrument with curved, tapered tip with sharpened inside radii, other tip flat serrated to push bracket. Designed for placing bracket and removing direct bonding adhesives.

900-822