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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 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



### Jarabak Pliers

For precise bending of lighter wires. Precision-aligned grooves with serrated tips in both beaks assure accurate bending of closing loops.

900-704



### 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. and .022 in. diameter.**

900-705

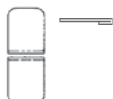
900-729 Small Three-Jaw Wire Bending Pliers (Shorter Beaks)



### Lingual Lock-Forming Pliers

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

900-706



### 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



### 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



# Hand Instruments

## Unitek™ Prestige Series Pliers



### 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)



### 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



### 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



### 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



### 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



### 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.



### 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

# Hand Instruments

## Self-Ligating Bracket Instruments

**C L A R I T Y™ | S L**  
SELF-LIGATING APPLIANCE SYSTEM



**SMARTCLIP™**  
SELF-LIGATING APPLIANCE SYSTEM



### SmartClip™ Appliance Wire Disengagement Hand 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 Hand 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. May be used with or without the archwire engaged in the bracket slot.

804-170

# 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

## Unitek™ Ligating Instruments

### Unitek™ Debonding Instrument

### Unitek™ Debracketing Instrument



#### 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 Double 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

#### Ligator

A "Y" shaped tying tip permits bracket ligation of an entire arch before cutting the tie wire. Tension of adjustment screw prevents accidental unspooling of the ligature wire. Built-in mandrel facilitates refilling the spool via a handpiece or bench lathe. Supplied with .010 in. (.25 mm) soft wire.

802-001 Ligator

802-003 Extra Spool

802-004 Extra "Y" Tip



#### Unitek™ Debonding Instrument

For 3M Unitek Twin Bracket Systems including Clarity™ Ceramic Brackets. Not for Uni-Twin™ or Mini Uni-Twin™ Brackets, Clarity™ SL or SmartClip™ Self-Ligating Brackets or Victory Series™ Low Profile Brackets.

900-850



#### 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 wire for full size brackets

444-767 Allen wrench

444-780 Replacement for miniature brackets



#### 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. May be used with or without the archwire engaged in the bracket slot.

804-170



# Hand Instruments

## Miscellaneous 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™ 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 elastomeric ligature ties. **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



### Deluxe Mosquito Forceps

Similar to 800-203 but with very fine beak serrated only at tips.

800-205



# Hand Instruments

## Polar Bear™ XLT Ice Instrument Miscellaneous Hand Instruments



### Molar Band Seater

Features a hardened stainless steel 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



### Hauke File

General-purpose instrument, beveled at the tip for seating and shaping bands, burnishing, removing burs, and marking archwires. Half the length of instrument is fitted with a soft vinyl sleeve for handling comfort.

808-001



### Band Seating File

Beveled tip facilitates band seating, shaping and burnishing. Made from corrosion-resistant, hard chrome-plated steel, and covered with soft vinyl plastic to protect against tissue irritation. Only the working end is exposed.

808-002



### 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



### Polar Bear™ XLT Ice Instrument

Facilitates the placement of heat-activated wires. Instrument point accurately places coldness at proper wire location to facilitate slot engagement of the wire. Easily refreezable for reuse.

800-750

800-752 Replacement Caps (2/pk)

**MBT™**  
Versatile+ Appliance System

Polar Bear is a trademark of Orec Corporation.



### 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

# Hand Instruments

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

### 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.

805-035 Buccal tube convertible cap removing pliers, kit

805-036 Replacement tips (5/pk)



Kit includes complete pliers, allen wrench, spare tip, and instructions

## Replacement Parts

Part Number	Description	Replacement Tips/Pads	Quantity/Pack
900-707	Unitek™ Prestige Series Omega Loop Forming Pliers	900-708 Metal Tip	1 pk = 1 tip
804-127	Unitek Omega Loop Forming Pliers		
900-712	Unitek Prestige Series Band Removing Pliers, Short Beak	900-714 Narrow 900-715 Wide	1 pk = 4 pads 1 pk = 4 pads
804-131	Unitek Band Removing Pliers Short Beak	804-701 Narrow (4.8 mm)	1 pk = 4 pads
900-713	Unitek Prestige Series Band Removing Pliers, Long Beak	900-714 Narrow 900-715 Wide	1 pk = 4 pads 1 pk = 4 pads
804-132	Unitek Band Removing Pliers Long Beak	804-701 Narrow (4.8 mm)	1 pk = 4 pads
900-717	Unitek Prestige Series Bond Remover	900-718 Blade	1 pk = 4 pads
804-143	Unitek Bond Removing Pliers	900-719 Pad	1 pk = 4 pads