FEATURES INCLUDE:

• Tungsten Carbide inserted tips on all cutters for extremely high durability and superior performance. The tips may be replaced over time at a fraction of the cost of replacing the entire instrument.

• Surgical grade 420-Barstock stainless steel handles and stocks designed to withstand the rigors of repeated sterilization while maintaining their aesthetic finish.

• Diamond-honed cutting edges that stay sharp longer and are precisely aligned, making for a highly efficient, long lasting wire cutter.

• All Paragon™ Instruments are 100% solid stainless steel and are hand finished to a satin luster. In addition to corrosion resistance, this non-glare surface is easy to clean and will always look great.

• Precision-machined components, combined with our exclusive orbit forming process, create a smooth working hinge without shins, and keep the instrument’s tips in proper alignment. With regular lubrication, joints will work smoothly for years.

• The sizes, shapes, handle lengths, and weights are optimized for comfort and confidence.

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**Mini Distal End Safety Hold Cutter with T.C.**

Safely cuts and securely holds distal ends of arch wires. Precise cutting edges and tip angle allow arch wires to be cut close to the distal end of buccal tubes.

**Maximum Cutting Capacity**

Rectangular wire up to .021" x .025" (0.56 x 0.71mm)

Round wire up to .020" (0.51mm)

Ea.  

**Flush Cut Distal End Cutter with T.C.**

The flush cut feature allows the archwire to be cut flush with the end of the buccal tube, eliminating the possibility of patient discomfort resulting from archwire protrusion.

**Maximum Cutting Capacity**

Archwire up to .021" x .025" (0.56 x 0.64mm)

Ea.  

**Hard Wire Cutter with T.C.**

T.C. inserts for extra hardness to ensure precision cutting of archwires or pins.

**Maximum Cutting Capacity**

Rectangular wire up to .022" x .028" (0.56 x 0.71mm)

Round wire up to .020" (0.51mm)

Ea.  

**Pin and Ligature Cutter with T.C.**

This cutter is designed for easy and efficient cutting of pins and ligatures. The cutting edges are diamond-honed.

**Maximum Cutting Capacity**

Soft wire up to .015" (0.40mm)

Ea.  

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**Plier Warranty and Repair**

- Our pliers are warranted for one year against defects in materials and workmanship.
- Should warranty work, repairs, or sharpening be required – please send plier to:
  
  **Precision Plier Service, Inc.**
  14175 Telephone Avenue, Suite D
  Chino, CA 91710-5672
  Phone: 1-800-229-9060 • 909.590.2085 • Fax: 909.590.8604 • Email: service@pps5star.com
  
  Note: OSHA regulations and State Health laws mandate that all returned instruments be cleaned and heat sterilized prior to shipping.
Tweed Style Arch Forming Pliers

This plier is ideal for bending square and rectangular wire. Edges are radiused and hardened to prevent wire scoring and to preserve a smooth contact area with the wire. Blades are parallel when opened to .010 to ensure accurate 90° bends.

**Bends wire up to**

| .022” x .028” (0.56 x 0.71mm) | .075” (1.9mm) Ea. | IPL1-009 |
| .050” (1.2mm) Ea. | IPL1-010 |

Weingart Utility Pliers

Special features incorporated in Paragon™ Weingart style pliers make this one of the most popular. Matching serrated tips hold wires firmly at a convenient working angle. Carefully tapered beaks fit easily between brackets and are rounded for safety and comfort.

**Holds wire up to**

| .022” x .028” (0.56 x 0.71mm) | Ea. | IPL1-013 |

Weingart Utility Pliers (Slim)

An efficient utility plier similar to model IPL1-013 but with specially designed narrow tips for better intraoral accessibility.

**Holds wire up to**

| .022” x .028” (0.56 x 0.71mm) | Ea. | IPL1-012 |

Weingart Pliers (Angled)

Similar to the IPL1-013 but with 45° angled tips. Matching serrated tips hold wires firmly at a convenient working angle.

**Holds wire up to**

| .022” x .028” (0.56 x 0.71mm) | Ea. | IPL1-014 |

HOW Utility Pliers

A versatile utility plier with long tapered tips. The 2.0mm diameter tips are serrated to prevent slippage. The tips are rounded for patient comfort and safety.

Ea. | IPL1-015 |

HOW Utility Pliers (Angled)

Similar to the IPL1-015 but with 45° angled tips and 2.0mm gripping pads for convenient access to lingual and other difficult to reach areas.

Ea. | IPL1-016 |

Jaraback Pliers

Ideal for precise bending of light wires. Precision grooves assure accurate bending and closing loops. Flat tip is serrated for firm gripping.

**For wires up to**

| .020” (0.51mm) | Ea. | IPL1-017 |

Three Jaw Pliers

Precision aligned tips are gently rounded for consistent contouring and bending without damaging the archwire. One-piece construction of the double tip ensures superior strength.

**For wires up to**

| .036” (0.91mm) | Ea. | IPL1-020 |

Tweed Loop Forming Pliers

Ideal for making consistent, uniform loops. Tip has three sections of .045”, .065”, and .090” with matte finish to prevent wire slippage.

**For use with round and square wires up to**

| .021” x .025” (0.55 x 0.64mm) | Ea. | IPL1-021 |
Posterior Band Removing Pliers
The plastic pad rests on the occlusal surface of the molar, which places the removing tip in the perfect position to catch the gingival edge of the band. Replacement plastic pads are available. *Ea.*[IPL1-022]

Adhesive Remover Pliers
Designed to remove direct bond brackets quickly and comfortably. The plastic pad rests against the incisal/occlusal edge of the tooth to provide leverage. The sharp tip fits under the bracket flange. Can also be used to remove remaining adhesive. Replacement plastic pads are available. *Ea.*[IPL1-023]

Bird Beak Pliers
The most popular and versatile pliers for working with round wire up to 0.30" (0.76mm) in diameter. The round beak is precision ground to a perfect cone, 0.25" (0.64mm) at the tip. The beaks are parallel at 0.20" (0.51mm) opening. *Long Tips* *Ea.*[IPL1-026] *Short Tips* *Ea.*[IPL1-027]

Light Wire Pliers
Longer, more gradually tapered beaks than the Bird Beak Pliers (IPL1-027). The longer beaks make it easier to bend small diameter loops. *For wires up to* 0.016" (0.41mm) *Long Ea.*[IPL1-030]

Direct Bond Bracket Removing Pliers (Angled)
Designed for fast, safe and comfortable removal of direct bond brackets. The angled tip allows for easy access to difficult anterior and posterior areas. *Ea.*[IPL1-035]

Hook Crimping Pliers
Designed to crimp auxiliary stops, hooks and posts to archwires. The slotted design fits over the base of the hook while holding it tight during crimping. *Ea.*[IPL1-042]

Stop “V” Bend Pliers
Designed for making 1mm “V” bends to shorten archwires or provide a positive stop. *For wires up to* 0.019" x 0.025" *Ea.*[IPL1-045]

Wire Contouring Pliers
The smooth inner surface allows for subtle contouring and forming of archwires. Forms without scoring or torquing. Perfect for accentuated curves. *For wires up to* 0.022" x 0.028" (0.025 x 0.071mm) *Ea.*[IPL1-048]

Hollow Chop Pliers
This contouring plier’s mated concave and convex jaws are useful in reshaping archwires and forming palatal arches. *For round wire* 0.014” - 0.036” *For rectangular wire* 0.022” - 0.028” *Ea.*[IPL1-049]

Finishing Pliers
Special double-sided offset head forms bayonet bends. Forms right-hand or left-hand step-up or step-down bends. *For wires up to* 0.021” x 0.025”

1/4 mm *Ea.*[IPL1-051-.025] 3/4 mm *Ea.*[IPL1-051-.075] 1 mm *Ea.*[IPL1-051-.100]
Schure Band Seater

This double ended instrument has a square and serrated end for pushing and seating molar bands, and a scaler on the opposing end for cleanup or removal of adhesives and cements. One-piece construction provides for durability and thorough sterilization. Serrated handle for firm grip. Autoclavable up to 370°F/188°C.

Ea. ISP-042

Band Seater

Simplifies cement cleanup and band adaptation. The seating tip is serrated on four sides and end. Autoclavable up to 370°F/188°C.

Ea. BSEAT

Mershon Band Pusher

Used for seating and burnishing bands into their final position. The squared and serrated tip provides a secure grip on band attachments, while the large handle provides for the firmest grip possible. One piece fabrication provides durability and complete sterilization.

Ea. ISP-046

Double Ended Ligature Director

This instrument is very useful when tucking or pushing elastics. The dual straight and curved ends allow for ease of intraoral placement and use. Solid stainless steel. Autoclavable up to 370°F/188°C.

Ea. ISP-044

Ligature Tier

This instrument is designed for faster and easier placement of elastic ligature ties on all styles and sizes of edgewise brackets. The smooth, rounded tips will not damage or cut elastomeric ligatures. Solid stainless steel. Autoclavable up to 370°F/188°C.

Ea. ISP-045

Explorer

This double ended explorer is helpful when removing elastic chain and ligature ties. The tips are very durable. Tempered stainless steel. Autoclavable up to 370°F/188°C.

Ea. ISP-072

Distal Bender

Cinchback bends are quick and easy. Simply insert the tip over the distal end of the archwire and twist in the desired direction. Straightening cinchback bends are done with equal efficiency, thus reducing the time required for changing the archwires.

Autoclavable up to 370°F/188°C.

Single-ended, Ea. ISP-108
double-ended, Ea. DEDEBEND

Force Gauge Dynamometer

Precisely measures forces exerted by elastics, archwires, and coil springs. Double-ended calibrated shaft. Supports a force range of 28-450 grams.

Ea. ISP-352
**Swivel Head Bracket Positioner**

This stainless steel positioning device features four bracket height measurements: 3.5, 4.0, 4.5, and 5.0. Adjustable for use on both anterior and posterior teeth. Hinged tip adjustable to 45°. Works with .022 and .018 bracket systems.

Autoclavable up to 370°F/188°C  
Ea.  
ISP-069

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**Standard Bracket Holder**

Reverse action holds brackets and tubes without finger pressure for easier bonding.

Autoclavable up to 370°F/188°C  
Ea.  
ISP-048

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**Fine Tip Bracket Tweezer**

Fine, angled tips allow for precise positioning. Light reverse action allows for easy removal of the instrument after placement of the attachment.

Autoclavable up to 370°F/188°C  
Ea.  
ISP-056

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**Deluxe Bracket Holder**

This reverse action stainless steel tweezer holds brackets and buccal tubes with thin, angled tips which are designed to slip under bracket and tube tie wings. It is ideal for miniature attachments.

Autoclavable up to 370°F/188°C  
Ea.  
ISP-057

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**Bracket Holder with Bracket Aligner**

Reverse stainless steel tweezer incorporates a bracket aligner on the opposite end. This double ended instrument makes correct bracket placement easier by using the alignment tip in the archwire slot and adjusting alignment. It can also be used for flash removal.

Autoclavable up to 370°F/188°C  
Ea.  
ISP-060

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**Keat Buccal Tube Tweezer**

The curved body of the tweezer provides an unobstructed view for easy and precise placement of buccal tubes.

Autoclavable up to 370°F/188°C  
Short handle, Ea.  
ISP-070  
Long handle, Ea.  
KBTPLG  
Reverse action, Ea.  
KBTP5HR

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**Mosquito Hemostat**

This locking hemostat has extremely fine tips for the engagement of ligature and chain elastics. The stainless steel has an aesthetic brushed satin finish.

Autoclavable up to 370°F/188°C  
Ea.  
ISP-055

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**Mosquito Hemostat with Hook**

Similar to the standard version, but with a hook at the tip to avoid slippage when engaging elastic ties and chain. Tempered steel tip for strength and durability.

Autoclavable up to 370°F/188°C  
Ea.  
ISP-062
Mathieu Hemostat
Features small, highly serrated tips with the addition of a hook at the tip designed to avoid slippage when engaging elastic ties and chain. With Tungsten Carbide inserts. Autoclavable up to 370°F/188°C
Without Hook, Ea. ISP-996
With Hook, Ea. ISP-996H
Narrow w/o Hook, Ea. MNHNT

Separating Plier
This instrument is designed to stretch separating elastics for ease of placement between tooth contacts. The curved beaks allow for easy use in the posterior segment. Autoclavable up to 370°F/188°C
Ea. ISP-050

Boone Gauge
This positioning device allows the orthodontist to precisely gauge proper bracket height during placement. (3.5, 4.0, 4.5, 5.0) Metal - autoclavable up to 370°F/188°C.
Ea. SSBRACG

Bracket Height Gauge
Incorporates a precision bar to seat in archwire slot at 3.5, 4, 4.5, or 5mm distance from occlusal rest to accurately position brackets during bonding. Made of aluminum. Available in .018 or .022 versions.
.018 ea. BRKTPOS018
.022 ea. BRKTPOS022

Posterior Bond Placer
Designed for precise placement of posterior bonded attachments. Anodized aluminum with a small head to allow a wide field of vision. Serrated tips.
Ea. BRPL050S

FRC Placement Tool
A double-ended spatula that is angled for ease of application and curing of FRC bonded lingual retainers and splints.
Ea. PLACE

Bite Stick
This high-heat bite stick is compatible with any conventional sterilization method, including Dry Heat up to 350°F. Serrated stainless steel insert ensures positive contact without slipping.
Ea. BSHH100

Bite Stick - Super Hi-Heat
Manufactured from FDA allowable plastic that will withstand temperatures up to 600°.
Blue Ea. TS-1ST

Bite Stick - Hi Heat
Manufactured from FDA allowable plastic that will withstand temperatures up to 370°.
Blue Ea. TS-1ST
**Therma-Stick™**

A hollow tube with a special tip that is filled with water, then frozen. Place the frozen tip against NiTi wire (particularly M5™ Thermal NiTi) to soften the wire for easy engagement in the bracket. May be used directly in the patient’s mouth.

Ea. **THSTK**

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**White Acrylic Plier Rack**

Ea. **1009**

**Dual Plier Rack**

Ea. **1010**

**Single Plier Rack**

Ea. **1011**

**Acrylic Instrument Rack**

Ea. **1012**

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**Plier Rack**

Our Plier Rack neatly organizes most any orthodontic plier sets. Aluminum rods with plastic ends allow for easy wipe down. Holds approximately 20 instruments.

Ea. **PLRK020**

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**Combination Plier Rack**

This beautiful rack accommodates 7 pliers, and also has 7 vertical storage holes for explorers, mouth mirrors, mosquito, and Mathieu instruments. The open front area is also ideal for instruments and auxiliaries.

Ea. **S413-01**

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**Round Instrument Holder**

This durable, clear Lucite 4" cylinder easily holds up to 15 pliers, while an inner 1 1/4" cylinder stores narrow instruments such as scalers, explorers, and band seaters.

Ea. **S411-01**

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**Upright Plier Rack**

Clear acrylic plier rack allows you to neatly organize your pliers. Holds up to 12 pliers and measures 6" x 4" x 6".

Ea. **S412-01**

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**Instrument Stain Remover**

Powder formula removes stains, tarnish and restores luster.

Ea. **3-740**