



AMERICAN EAGLE INSTRUMENTS® INC.



*Celebrating 25 years of
hand crafted excellence*



Although American Eagle Instruments (AEI) opened its business in 1992, our history began in 1948 with the start of American Dental Manufacturing, a family-founded dental hand instrument company that made its mark by providing high quality, durable instruments to the dental profession.

In 1989 a competitor purchased the company and subsequently closed their doors in 1990. Rather than follow the buy-out company, a small group of tenacious and persevering crafts people joined forces in 1992 to form American Eagle Instruments. With engineering experience, unequalled skill, a goal to produce the highest quality dental instruments, and a "lead-not-follow" philosophy, American Eagle Instruments became a reality.

The printing of this catalog marks our 25th Anniversary! AEI has evolved to become the second largest manufacturer of dental hand instruments in North America. Based in Missoula, Montana, and employing in excess of 80 crafts people, we pride ourselves' on progressive and innovative dental products which allow the practitioner more efficient processes with added ergonomic comfort.

American Eagle Instruments also offers state-of-art surface engineering technology, featuring the XP® line of instruments. Our XP Technology instruments are fabricated using a patented surface engineering process that results in razor-sharp edges that start sharp and stay sharp longer than any carbon or stainless steel instruments. XP Technology reflects the latest innovation in dental hand instruments - providing you with the first instruments that require NO SHARPENING!

AEI offers comprehensive lines of dental products designed for the forward thinking dental professional. Our product lines include diagnostic, curettes, scalers, titanium implant maintenance instruments, composite, restorative, and cone socket instruments. AEI's latest innovations, made possible and exclusive to XP Technology include: Double Gracey™ instruments - combining two instruments into one, the Boge 513® scaler - a unique hoe and sickle combination, and a full line of Pro Thin® Periodontal instruments with thinner blades and the lightest handle to adapt to a wide range of the toughest challenges, from deep, narrow pockets to tight interproximal contacts.

From product development to manufacturing, AEI employees take extreme pride in their craftsmanship abilities. The AEI team possesses years of hands-on experience in the development and fabrication of dental instruments. We manufacture the highest quality instruments and hold ourselves to the highest standards. We know our customers expect nothing less from a company that delivers "Better Dentistry by Design®."

Goal

- Continue to be the market leader in manufacturing the world's finest dental instruments.

Promise

- To bring you "Better Dentistry by Design".

Guarantee

- Our guarantee is your complete satisfaction.

- Brad Heckerman, CEO, American Eagle Instruments, Inc.



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Leading Brands XP® Technology

Our patented XP® Technology is used across three of our product lines for two different uses. The first use is as a sharpen-free metal, embedded into our curettes and scalers as well as a specialty line called Double Gracey™ instruments. The second purpose is on our composite instruments, as a no-stick surface to place composite.

XP® Technology XP® Technology

The Composite Line
No Stick. No Pull. No Kidding.



DG DOUBLE
GRACEY™
The Next Generation



The Sharpen-Free Instruments™
Xtreme Performance



ProThin™



Talon Tough™

The Stainless Steel Instruments

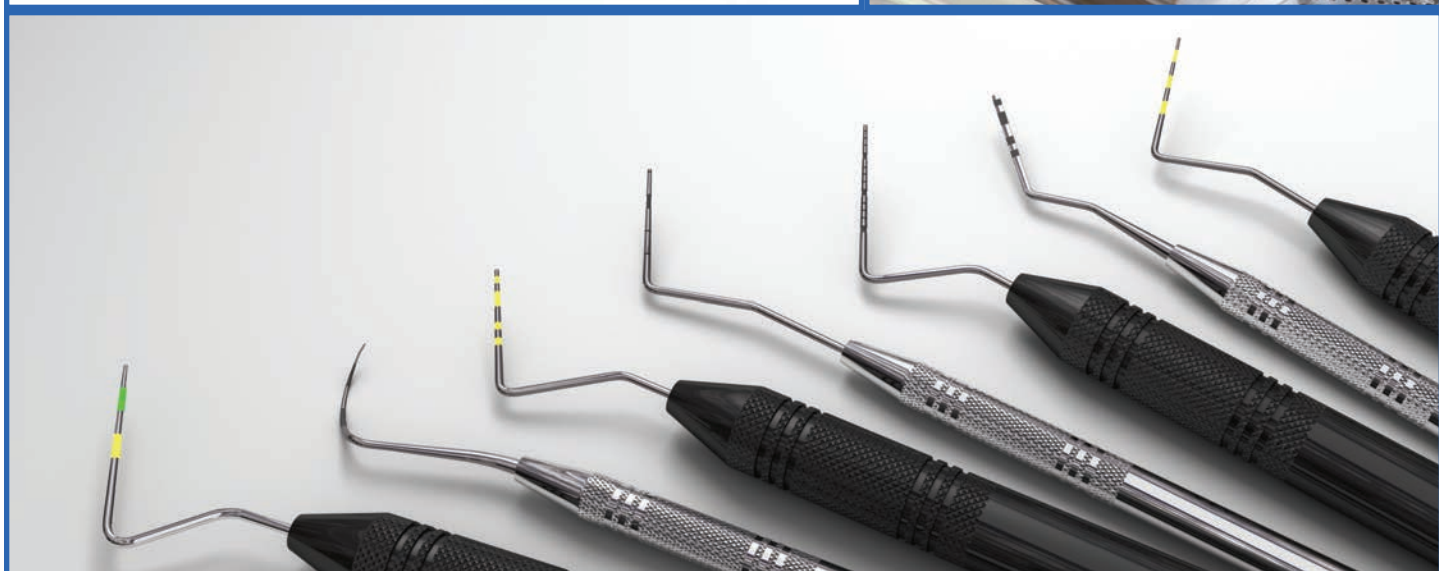
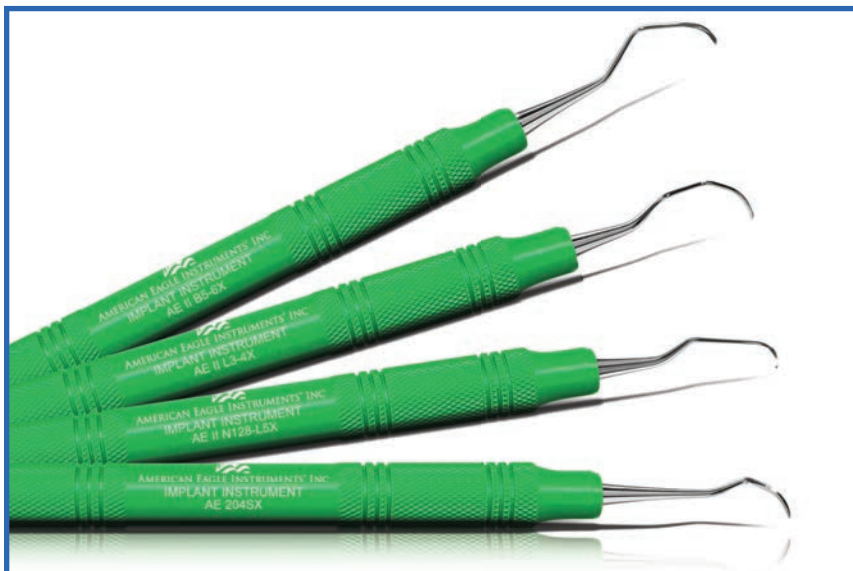


Made from top-of-the-line stainless steel that has been heat-treated to the highest standards, Talon Tough™ stainless steel instruments were introduced in 1992. The first of a new generation of stronger alloys, Talon Tough has an edge that is sharper and longer-lasting than any other stainless steel instruments on the market.

QUIK-TIP® CONE SOCKET INSTRUMENTS

Quik-Tip® cone socket instruments are available in both Talon Tough™ stainless steel and sharpen free XP® Technology. You can customize your own set up by handle color, create your own instruments and save money by only replacing the tips as they wear.





INSTRUMENT INFORMATION

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PART NUMBERS / HOW TO ORDER

To simplify your ordering we have created this legend that explains the breakdown of our part numbers:



When ordering, there is no need to include spaces in the part number.

SECTION A

AE = American Eagle

SECTION B - Instrument Style

DIAGNOSTIC

EP = Explorer/Probe Combo MH = Mirror Handle

EXP = Explorer P = Probe

M = Mirror PL = Pliers

PERIODONTAL/HYGIENE

C = Curette GA = Gracey Access

DG = Double Gracey™ GDP = Gracey Deep Pocket

F = File II = Implant Instrument

G = Gracey S = Scaler

COMPOSITE/PLASTIC FILLING

C = Composite TC = Tungsten Carbide

OPERATIVE

AC = Amalgam Carrier C/P = Condenser/Plugger

AF = Angle Former EXC = Excavator

B = Burnisher HA = Hatchet

C = Chisel MT = Margin Trimmer

CA = Carver

CADC = Carver/ Discoid-Cleoid

CAIPC = Carver/Interproximal

MISCELLANEOUS

CSP = Cement Spatula P = Packing

E = Endodontic W = Waxing

K = Knife

SECTION C - Instrument Classification

QT = Quik-Tip™

TT = Talon Tough™ (Stainless steel instruments require periodic sharpening)

XP = XP® Technology (NO SHARPENING REQUIRED)

SECTION D - Handle Designation

X = 3/8" EagleLite® Resin Handle

Z = 3/8" EagleLite® Stainless Steel Handle

NOTE: No handle designation for curettes and scalers will indicate an EagleLite® resin handle is requested.

HOW TO ORDER

American Eagle Instruments' products may be purchased through any dealer partner (visit our website for a complete list) or by placing your order direct with us and receive your billing from your supplier.

Call: 800-551-5172 or 406-549-7451

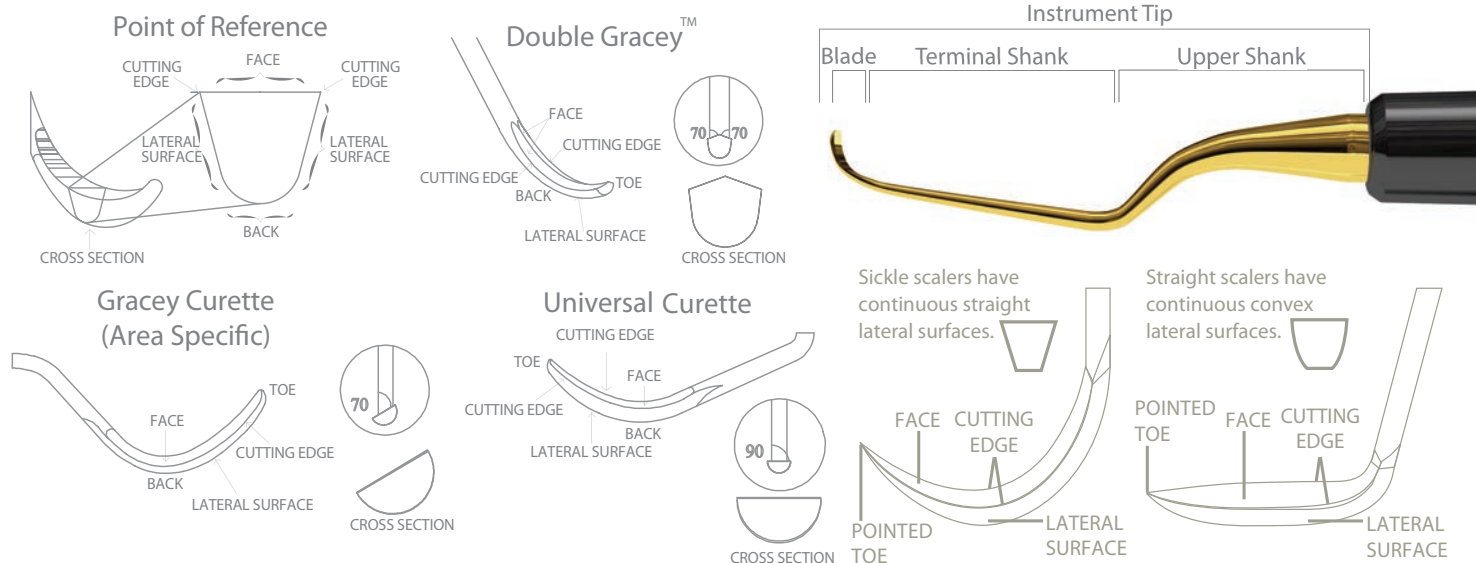
Fax: 406-549-7452

Email: customerservice@am-eagle.com

Outside USA, please contact your local AEI dealer.
Please see our website for complete country listings.



INSTRUMENT TIP INFORMATION



CURETTE & SCALER HANDLES

COLORED RESIN HANDLES

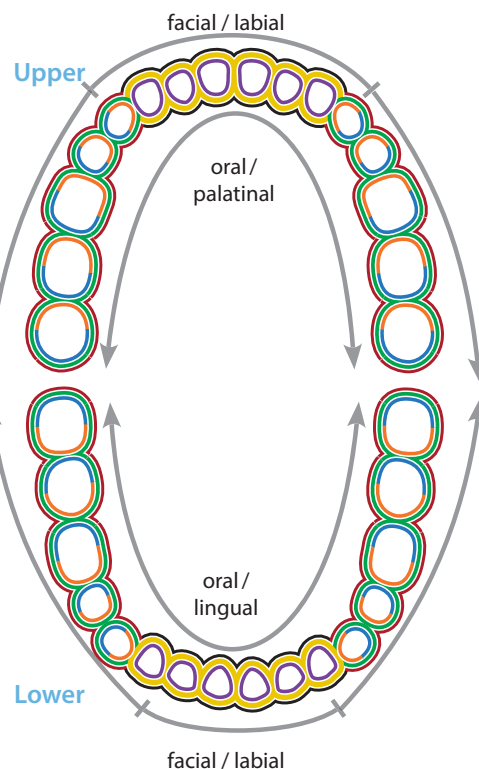
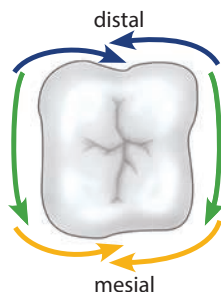
EagleLite® colored resin handles offer you easier recognition of your specific instrument pattern.

3/8" - 9.5mm EagleLite Resin (X)



- PURPLE**
00-0, 1-2 Anterior
- BLACK**
3-4 Anterior
- YELLOW**
5-6 Anterior
- GREEN**
7-8 Pre-Molar/Molar
- RED**
9-10 Pre-Molar/Molar
- ORANGE**
11-12, 15-16 Molar-Mesial
- BLUE**
13-14, 17-18 Molar-Distal

3/8" - 9.5mm EagleLite Stainless Steel (Z)



The arrows show the direction of the instrument tip.
Not applicable to all instruments.

CUSTOMER SATISFACTION GUARANTEE

Our unconditional guarantee to our customers is a promise of their complete satisfaction.

This means that within the first thirty (30) days of using their new instrument if the customer is not completely satisfied, we ask them to contact our Customer Service department, obtain a return authorization number, send the item with a copy of the invoice to American Eagle Instruments, and we will issue credit or provide a replacement.

We do this because American Eagle Instruments firmly believes we deliver “Better Dentistry by Design.”®

LIMITED LIFETIME WARRANTY

Except as otherwise noted, American Eagle Instruments offers a lifetime warranty against defects in materials and workmanship, and will, at our option, repair or replace any product that fails as a result of any such defect.

Each class of instrument has a life expectancy based on its intended use. Due to various contributing factors which could expedite or prolong the effective life of an instrument it is only reasonable to determine an average life expectancy as documented at www.am-eagle.com.

If within the average life expectancy of an instrument our customer experiences corrosion, breakage, or joint failure American Eagle Instruments will, at its discretion, replace, repair, or credit the full value of that instrument to the original owner with proof of purchase.



WHAT IS XP TECHNOLOGY?

NO MORE SHARPENING

Xtreme Performance

XP[®] Technology

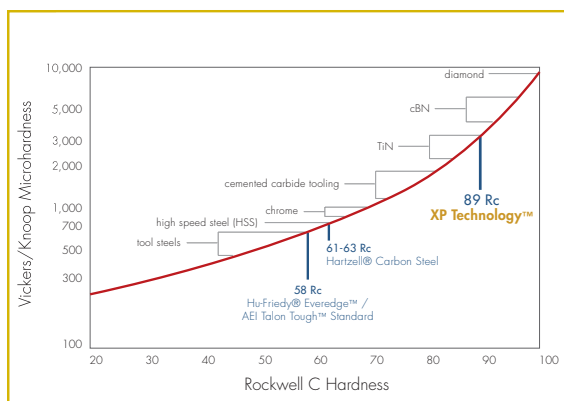
The Sharpen-Free Instruments™

XP Technology is a patented surface engineering process. This technology is a proprietary process in which the metallurgical composition of the instrument's surface is enhanced, giving it the properties of a much more durable material. This process allows us to put a much sharper edge onto a thinner blade, eliminating the time-consuming and imperfect process of sharpening your instruments.



“The discovery of American Eagle’s XP Technology has revolutionized my daily working life. I am no longer spending time sharpening instruments. The thing that struck me immediately on handling the instruments was how **feather light** they are, with a really solid grip but most of all, their **razor sharp tips** and for how long they remain sharp.”

- Beverley T. Watson, RDH, Kings College London



ROCKWELL HARDNESS – 89 Rc

Standard dental instruments are manufactured using stainless and carbon steels, reaching a Rockwell scale hardness of between 58 and 63. The special characteristics of XP Technology achieve an incredible Rockwell scale hardness of 89. This makes our instruments the most durable instruments on the market.

OVER 100 TIMES GREATER WEAR RESISTANCE

Independent studies have shown XP Technology to be a revolutionary technical advancement in the dental industry. Dr. Phillip A. Watson from the University of Toronto was able to prove the phenomenal wearability of instruments manufactured with XP Technology over the same instruments produced with the best available stainless steel.



1,500
strokes



15,000
strokes

Independent tests performed at the University of Toronto by Dr. Phillip A. Watson, Dept. of Biological and Diagnostic Sciences.

HOW TO PROPERLY USE XP TECHNOLOGY

HOLDING THE INSTRUMENT

Barely hold the instrument using a light, "exploratory scaling" touch.

Shave through calculus using a few light strokes; do not fracture off calculus.

BENEFITS

- + A lighter touch aids in ergonomic hand protection and minimizes the risk of wrist/hand problems
- + A lighter touch increases instrument longevity
- + Less likely to burnish calculus with sharp blade
- + Saves time
- + Enhances patient comfort
- + Decreases scaling noise for auditory comfort
- + Less lateral pressure for scaling efficacy

GUIDELINES:

- + XP curettes and scalers are designed for scaling and root planing. Avoid using them on margins and overhangs.
- + Use less force, a lighter grip and a "shaving" or "exploratory" stroke.
- + Due to a thinner blade design, we do not recommend that you re-sharpen your XP instruments.
- + With proper use and maintenance, you can expect your XP instruments to last as long as your stainless steel instruments, **without needing to re-sharpen.**

“There was a small learning curve to realize that your grip and use changes compared to the way you use other instruments, but now that I have the hang of it, **I can't imagine ever using anything else!!**”

- Audi McKnelly, RDH, BS



XP[®] TECHNOLOGY CARE & MAINTENANCE

American Eagle Instruments[®] (AEI) has designed and manufactured XP[®] Technology instruments to be used repeatedly without sharpening, while retaining their original shape and design **for the useful life of the instrument**. Please follow these suggestions to add longevity and increased performance to your XP Technology instruments.

Technique

- **Do** practice care as these instruments have a sharper edge on a thinner blade.
- **Do** lightly scale away calculus with 4-6 strokes.
- **Avoid** fracturing away calculus.
- **Avoid** use on margins, overhangs, amalgam and composite.

Care

- **Do** use cassettes for cleaning and storage.
- **Do** periodically test for sharpness with an AEI test stick.
(American Eagle product code: AESASTS)
- **Do Not** sharpen the XP instruments

Cleaning

- **Do** promptly place instruments in ultrasonic cleaner.
Standard recommended cleaning cycle is 20 minutes
- **Do** separate XP Technology instruments from all other instruments when cleaning/sterilizing. AEI recommends not combining dissimilar metals.
- **Do** use pH balanced cleaners.
- **Do** always rinse with demineralized water after ultrasonic cleaning.
- **Do** dry instruments before sterilization.
- **Avoid** use of Chlorine, Chloride, NaCl (Sodium Chloride), and Fluoride based solutions.
- **Do** visit our website for complete compatible solutions list.

Sterilization

- **Do** use autoclave sterilization and strictly follow unit manufacturer's recommendations.
- **Do** allow for complete drying cycle.

Storing

- **Do** thoroughly dry before storing.



WHAT IS TALON TOUGH™?

EXCEPTIONAL QUALITY

Since 1992, American Eagle Instruments® has been a leader in providing the dental industry with the hardest and sharpest right-out-of-the-package stainless steel curettes and scalers. AEI has manufactured excellence for over 20 years with our perfection of heat and cryogenics treatments for our Talon Tough line of stainless steel instruments. These proprietary processes enable the clinician to experience a noticeable difference in edge retention. Additionally, as a fully integrated manufacturing facility, we are able to maintain the highest quality standards from raw materials to the finished product. American Eagle Instruments stands behind our entire product offering with our 100% customer satisfaction guarantee.

Talon Tough™

The **Stainless Steel** Instruments



EagleLite® HANDLES

American Eagle has two patented handle designs—our EagleLite stainless and a medical grade EagleLite resin plastic, available in seven colors. These handles are extremely light and provide superior tactile feedback. The 3/8" diameter handle is designed with an aggressive knurl pattern, allowing a grip which helps reduce the onset of carpal tunnel.

INSTRUMENT CARE & MAINTENANCE

The following instrument maintenance recommendations are general in nature, and should be applicable to most items included within our catalog. In addition, AEI recommends that cleaning/sterilization processes not combine dissimilar metals. Use only compatible, neutral solutions, and follow all cleaning/sterilization unit manufacturer's recommendations.

Rinsing

- Rinse thoroughly with warm water.
- We recommend using demineralized water for rinsing; not tap water (tap water may contain elements detrimental to the instrument).

Cleaning

- Stubborn impurities and debris should be manually removed with a soft brush.
- Clean instruments manually, in an ultrasonic cleaning unit, or washer disinfectant (as per unit manufacturer's instructions).
- Place instruments into cassettes prior to cleaning (do not overload cassettes).

Drying

- **DRY THOROUGHLY** after cleaning and prior to sterilization.

Lubrication

- Lubricate hinged instruments after rinsing and before sterilization.

Sterilizing

- Autoclaving
 - Place clean, dry, properly packed instruments into the autoclave.
 - Sterilize hinged instruments in the open position.
 - Follow the unit manufacturer's recommendations for sterilization.

Inspection

- After instrument care and maintenance, thoroughly inspect instruments for any remaining debris or damage prior to use.

For more extensive care and specific instructions please visit our website at www.am-eagle.com.

COLOR PROBE CARE

Cleaning

- **Avoid** ultrasonic cleaning which may effect the bond of the color markings to the stainless steel.
- **Do** hand clean the tip with mild liquid soap prior to sterilization.
- **Avoid** temperatures in excess of 300°F/150°C in the sterilization process, at which point your color probe markings risk becoming discolored.

IMPLANT INSTRUMENT CARE & MAINTENANCE

Made from medical grade titanium, these **Implant Instruments** are designed to not scratch or damage titanium implants and are 100% made in the USA. American Eagle Instruments' (AEI) unique patterns include scalers with rounded toes, enabling safe access to sub-gingival areas. Although AEI's Implant Instruments can be cleaned and sterilized as any stainless steel instrument, below are our guidelines for added longevity of your Implant Instruments. Always follow implant manufacturer's maintenance recommendations for implant care.

Technique

- **Do** start with an exploratory scaling stroke to detect calculus and disrupt biofilms.
- **Do** lightly scale-away calculus.
- **Do** only use on implant surfaces.
- **Avoid** use on margins, amalgam, cement, overhangs, and composite.

Care

- **Do** use cassettes for cleaning.
- **Do** periodically test for sharpness with an AEI test stick.
(American Eagle product code: AESASTS)
- **Do** use a diamond stone for sharpening your Implant Instruments.
(American Eagle product code: AESADS)
- **Avoid** rough or coarse stones for sharpening.

Cleaning

- **Do** promptly place instruments in ultrasonic cleaner.
*Standard recommended cleaning cycle is 20 minutes
- **Do** use Ph-balanced cleaners.
- **Do** always rinse with demineralized water after ultrasonic cleaning.

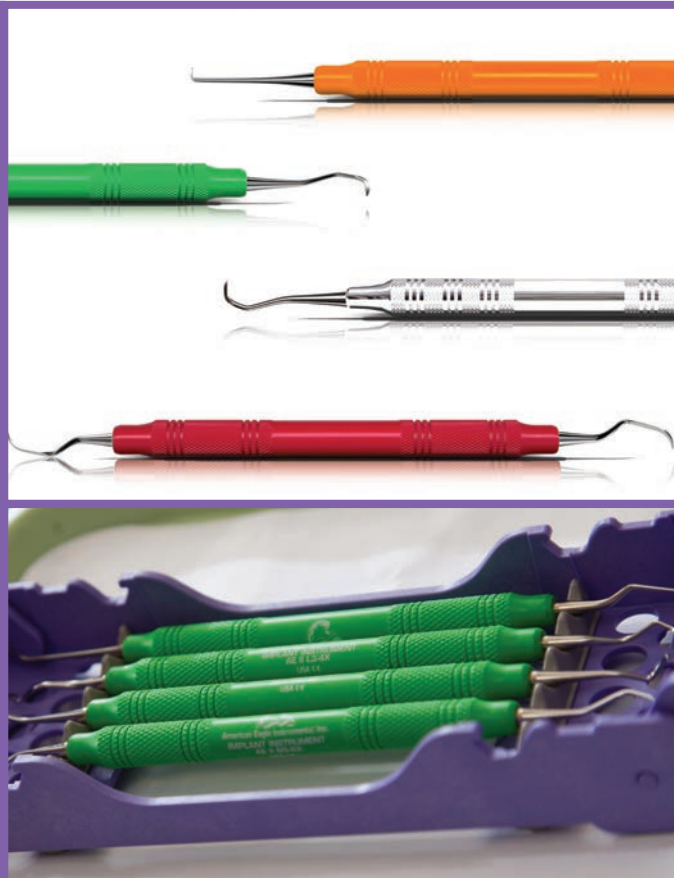
Sterilization

- **Do** dry instruments before sterilization.
- **Do** use autoclave sterilization and follow unit manufacturer's recommendations.
- **Do** allow for complete drying cycle.

Storing

- **Do** thoroughly dry before storing.





PERIODONTAL

Sharpen-Free XP® Technology

Talon Tough™ Stainless Steel

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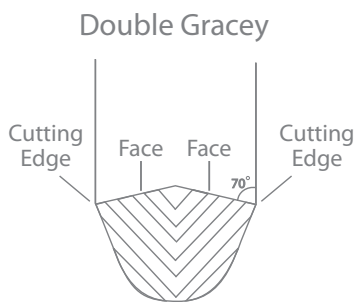
- Sharpest factory edge
- More comfort, less fatigue
- State-of-the-art heat treatment
- The only sharpen-free instrument in the world

WHAT ARE DOUBLE GRACEY™ INSTRUMENTS?

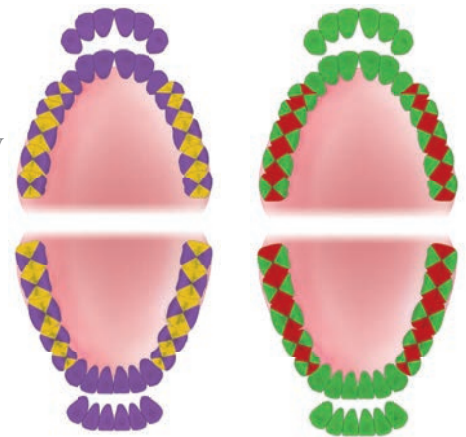
Truly a double Gracey design, these instruments combine the best features of Gracey and Universal curettes. Double Gracey instruments have rounded toes and two (2) cutting edges. Advantages of using Double Graceys include easy adaptation to mesial and distal surfaces, as well as buccal and lingual surfaces, without switching or repositioning the instrument. The Mini versions allow easier access into deeper pockets, tighter interproximal areas, and furcations. All Double Gracey instruments are sharpen-free with American Eagle Instruments' patented XP® Technology.

DG DOUBLE GRACEY™ xp® The Next Generation

The face of a Double Gracey is raised, thus creating two slightly sloped faces, approximately 110 degrees, measured from the terminal (lower) shank. The face and blade angles allow the practitioner to use Double Gracey instruments exactly how they would use traditional Gracey curettes—the terminal shank parallel to the tooth axis while performing the cleaning.



*All Double Gracey curettes replace Universal curettes.



DOUBLE GRACEY ANTERIOR & MINI ANTERIOR

- Enables clinician to scale from light to heavy calculus
- Maneuver between buccal and lingual surfaces without switching position
- XP® Technology creates less sensitivity on cementum



DOUBLE GRACEY POSTERIOR & MINI POSTERIOR

- Enables clinician to remain in a 12 o'clock ergonomic position for the duration of cleaning
- Allows clinician to keep lower shank parallel to tooth surface
- Maneuver between mesial and distal surfaces without switching position



DOUBLE GRACEY™ INSTRUMENTS



DOUBLE GRACEY™ ANTERIOR

AE DG AXPX

Replaces Gracey curettes 1-2, 3-4, 5-6, 7-8, and 9-10 along with Universal curettes.



DOUBLE GRACEY™ POSTERIOR

AE DG PXPX

Replaces mesial/distal Gracey curettes 11-12, 13-14, and 15-16 along with Universal curettes.



DOUBLE GRACEY™ MINI ANTERIOR

AE DG MAXPX

Replaces Access and mini Gracey curettes 1-2, 3-4, 5-6, 7-8, and 9-10 along with Universal curettes.



DOUBLE GRACEY™ MINI POSTERIOR

AE DG MPXPX

Replaces Access and mini Gracey curettes 11-12, 13-14, and 15-16 along with Universal curettes.

DOUBLE GRACEY KITS

DOUBLE GRACEY KIT

AE DG KXPX

-  DOUBLE GRACEY™ ANTERIOR
-  DOUBLE GRACEY™ POSTERIOR

DOUBLE GRACEY MINI KIT

AE DG MKXPX

-  DOUBLE GRACEY™ MINI ANTERIOR
-  DOUBLE GRACEY™ MINI POSTERIOR

DOUBLE GRACEY 4 KIT*

AE DG K4XPX

-  DOUBLE GRACEY™ ANTERIOR
-  DOUBLE GRACEY™ POSTERIOR
-  DOUBLE GRACEY™ MINI ANTERIOR
-  DOUBLE GRACEY™ MINI POSTERIOR

* Includes stainless steel cassette



“The perfect combination of the Double Gracey™ Design coupled with the XP® Technology make the American Eagle curettes a **touch above any competition.** I cannot at all imagine using any other curette after having had my hands wet with the Double Gracey.”

- Dr. Ajay Kakar, President Elect - International Academy of Periodontology
President – Indian Academy of Aesthetic & Cosmetic Dentistry
Clinical Associate Professor – Stony Brook School of Dentistry, USA

XP® PRO THIN® LINE

NEW!

We took the ideal instruments for periodontal maintenance, and made the blades thinner and the handles lighter. This provides you greater tactile sensitivity and increases access into periodontal pockets. Such a thin working end is only possible with sharpen-free XP® Technology. Meet the Pro Thin™ periodontal line of instruments.

M23 Pro Thin™ Scaler

M23 PRO THIN
AE S M23T XP X
Posterior



The M23 Pro Thin allows for superior supra and interproximal adaptation and accessibility up to the contacts on all teeth. It also adapts to mesial and distal line angles of all teeth. Multi-surface adaptability saves time by allowing the operator to expedite scaling during a full mouth appointment. It's versatility has the potential to replace all posterior and anterior sickle scalers, streamlining preventive and periodontal treatment set ups.

Blackjack Pro Thin Scaler

BLACKJACK PRO THIN
AE S BJ T XP X
Anterior/Interproximal/Posterior



Clinicians asked and AEI answered – the very popular supragingival access instrument is now thinner, reaching all areas of supragingival calculus like never before. The light stroke of the modified scaling technique used with sharpen-free XP Technology makes it possible to design the Blackjack Pro Thin, as traditional lateral pressure could break an over-thinned working end. The Blackjack Pro Thin has the potential to replace all posterior and anterior sickle scalers, including the H6-7, streamlining preventive and periodontal treatment set ups.

Barnhart 5-6 Pro Thin Curette

BARNHART 5-6 PRO THIN
AE C B5-6 T XP X
Anterior/Interproximal/Posterior



The universal curette is a staple in dental hygiene care, a design that has allowed clinicians to treat shallow pockets with subgingival calculus and gingivitis effectively and efficiently. Pro Thin design kicks universal convenience up a notch, making adaptation easier in a wide range of shallow pockets. Curettes are typically too bulky to easily access anterior pockets without tissue damage, particularly at the line angles. The Barnhart 5-6 Pro Thin easily adapts in this area, accessing calculus that was beyond a curette's reach with bulkier designs.

Gracey Access 1-2 Pro Thin™ Curette

GRACEY ACCESS 1-2 PRO THIN
AE GA 1-2 T XP X
Anterior



The Gracey Access 1-2 Pro Thin curette is useful in pockets greater than 4mm in all anterior areas, as well as buccal and lingual molar furcations.

Gracey Access 7-8 Pro Thin Curette

GRACEY ACCESS 7-8 PRO THIN
AE GA 7-8 T XP X
Pre-molar/molar



The Gracey Access 7-8 Pro Thin curette is used in pockets greater than 4mm in anterior and pre-molar areas, as well as buccal and lingual molar furcations.

Gracey Access 13-14 Pro Thin Curette

GRACEY ACCESS 13-14 PRO THIN
AE GA 13-14 T XP X
Posterior Distal



The Gracey Access 13-14 Pro Thin curette is designed for use in distal surfaces and pockets greater than 4 mm in premolar and posterior areas. Extended shank improves access to all distal surfaces and pockets of the terminal molars.

Gracey Access 15-16 Pro Thin Curette

GRACEY ACCESS 15-16 PRO THIN
AE GA 15-16 T XP X
Posterior Mesial



The Gracey Access 15-16 Pro Thin is a wonderful improvement on the 11-12. The 15-16 shank design improves angulation for better access in all posterior mesial, buccal, and lingual areas while easing hand position and reducing operator fatigue. Accessing posterior concavities and furcations is easy and efficient with the 15-16 shank design.

“ The 15–16 Gracey design was developed after practitioners began treating patients in a supine position. With shank bends that are more similar to the 13–14 Gracey, mesial access is much easier to achieve with the Gracey 15-16. It is truly the **ideal instrument** for complete coverage of the buccal, lingual, and mesial surfaces of posterior pockets. ”

- Karen Siebert, BSDH, MA

Director of Clinical Education, AEI

HANDLE OPTIONS

3/8" - 9.5mm EagleLite® Color Resin Double End (X)

3/8" - 9.5mm EagleLite Stainless Steel (Z)



GRACEY - STANDARD



GRACEY 1-2 XP
AEG 1-2 XP X
AEG 1-2 XP Z
Anterior



GRACEY 1-2
AEG 1-2 X
AEG 1-2 Z
Anterior



GRACEY 5-6 XP
AEG 5-6 XP X
AEG 5-6 XP Z
Anterior



GRACEY 5-6
AEG 5-6 X
AEG 5-6 Z
Anterior



GRACEY 9-10 XP
AEG 9-10 XP X
AEG 9-10 XP Z
Contra Angle Molar



GRACEY 9-10
AEG 9-10 X
AEG 9-10 Z
Contra Angle Molar



GRACEY 13-14 XP
AEG 13-14 XP X
AEG 13-14 XP Z
Posterior Distal



GRACEY 13-14
AEG 13-14 X
AEG 13-14 Z
Posterior Distal



GRACEY 3-4 XP
AEG 3-4 XP X
AEG 3-4 XP Z
Anterior



GRACEY 3-4
AEG 3-4 X
AEG 3-4 Z
Anterior



GRACEY 7-8 XP
AEG 7-8 XP X
AEG 7-8 XP Z
Pre-molar/molar



GRACEY 7-8
AEG 7-8 X
AEG 7-8 Z
Pre-molar/molar

GRACEY 11-12 XP
AEG 11-12 XP X
AEG 11-12 XP Z (shown)
Posterior Mesial



GRACEY 11-12
AEG 11-12 X (shown)
AEG 11-12 Z
Posterior Mesial



GRACEY 15-16 XP
AEG 15-16 XP X
AEG 15-16 XP Z
Posterior Mesial



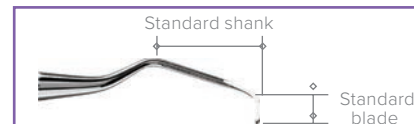
GRACEY 15-16
AEG 15-16 X
AEG 15-16 Z
Posterior Mesial



GRACEY 17-18 XP
AEG 17-18 XP X
AEG 17-18 XP Z
Posterior Distal



GRACEY 17-18
AEG 17-18 X
AEG 17-18 Z
Posterior Distal



GRACEY STANDARD

Gracey curettes are designed to adapt to specific anatomical areas of the teeth for sub-gingival scaling and root planing. The blade angle allows easier insertion into the sulcus while minimizing soft tissue trauma.



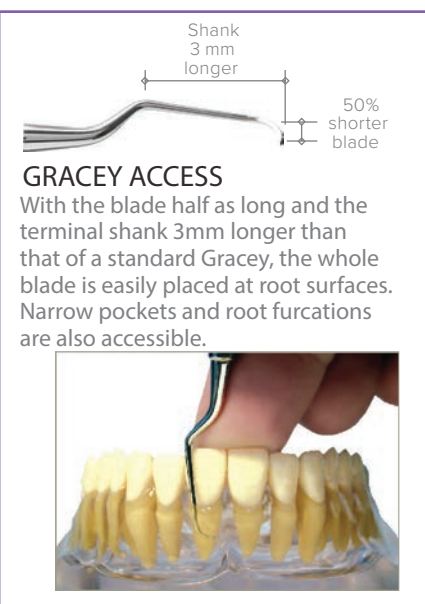
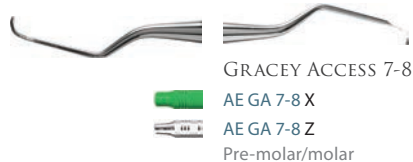
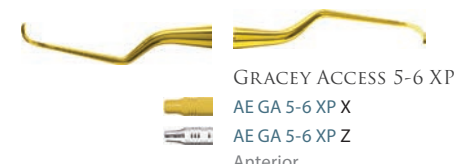
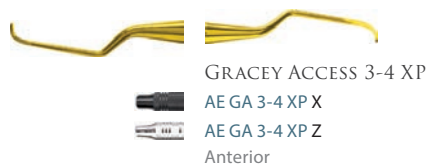
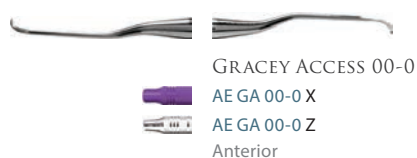
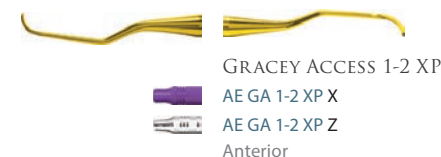
GRACEY - MESIAL-DISTAL



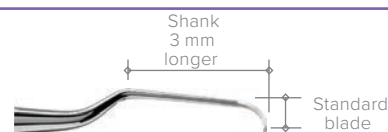
EFFICIENT

For increased efficiency, our mesial-distal combination of working ends is designed to complete an entire buccal or lingual sextant without changing instruments.

GRACEY - +3 ACCESS (50% SHORTER BLADE)

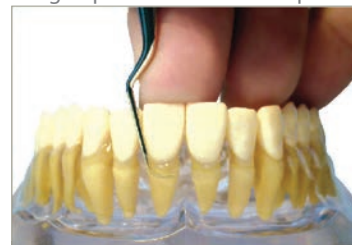


GRACEY - +3 DEEP POCKET (STANDARD BLADE)



GRACEY DEEP POCKET

With the terminal shank 3mm longer than that of the standard Gracey curette, this instrument can perform scaling and root planing of pockets 5mm or deeper.



UNIVERSAL CURETTES



BARNHART 1-2 XP
AE CB 1-2 XP X
AE CB 1-2 XP Z (shown)
Narrow blade Anterior

BARNHART 1-2
AE CB 1-2 X (shown)
AE CB 1-2 Z
Narrow blade Anterior



BARNHART 5-6 XP
AE CB 5-6 XP X
AE CB 5-6 XP Z
Anterior/Interproximal/Posterior

BARNHART 5-6
AE CB 5-6 X
AE CB 5-6 Z
Anterior/Interproximal/Posterior

MCCALL 13-14 SXP
AE CM 13-14S XP X
AE CM 13-14S XP Z
Posterior - Scaler-like tip

MCCALL 13-14 S
AE CM 13-14S X
AE CM 13-14S Z
Posterior - Scaler-like tip

COLUMBIA 2L-2R XP
AE CC 2L-2R XP X
AE CC 2L-2R XP Z
Longer shank Anterior

COLUMBIA 2L-2R
AE CC 2L-2R X
AE CC 2L-2R Z
Longer shank Anterior

LANGER 1-2 XP
AE CL 1-2 XP X
AE CL 1-2 XP Z
Posterior Mesial/Distal

LANGER 1-2
AE CL 1-2 X
AE CL 1-2 Z
Posterior Mesial/Distal

RULES 3-4 XP
AE CR 3-4 XP X
AE CR 3-4 XP Z
Smallest Posterior

RULES 3-4
AE CR 3-4 X
AE CR 3-4 Z
Smallest Posterior

MCCALL 17-18 XP
AE CM 17-18 XP X
AE CM 17-18 XP Z
Wide blade molars

MCCALL 17-18
AE CM 17-18 X
AE CM 17-18 Z
Wide blade molars

COLUMBIA 4L-4R XP
AE CC 4L-4R XP X
AE CC 4L-4R XP Z
Deeper shank Posterior

COLUMBIA 4L-4R
AE CC 4L-4R X
AE CC 4L-4R Z
Deeper shank Posterior

LANGER 3-4 XP
AE CL 3-4 XP X
AE CL 3-4 XP Z
Posterior Mesial/Distal

LANGER 3-4
AE CL 3-4 X
AE CL 3-4 Z
Posterior Mesial/Distal

MCCALL 13-14 XP
AE CM 13-14 XP X
AE CM 13-14 XP Z
Posterior

MCCALL 13-14
AE CM 13-14 X
AE CM 13-14 Z
Posterior

MCCALL 17-18 S XP
AE CM 17-18S XP X
AE CM 17-18S XP Z
Narrow blade molars

MCCALL 17-18 S
AE CM 17-18S X
AE CM 17-18S Z
Narrow blade molars

COLUMBIA 13-14 XP
AE CC 13-14 XP X
AE CC 13-14 XP Z
Posterior

COLUMBIA 13-14
AE CC 13-14 X
AE CC 13-14 Z
Posterior

LANGER 5-6 XP
AE CL 5-6 XP X
AE CL 5-6 XP Z
Anterior Mesial/Distal

LANGER 5-6
AE CL 5-6 X
AE CL 5-6 Z
Anterior Mesial/Distal

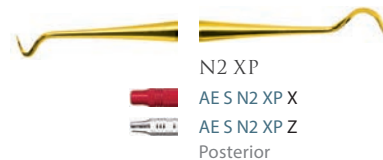
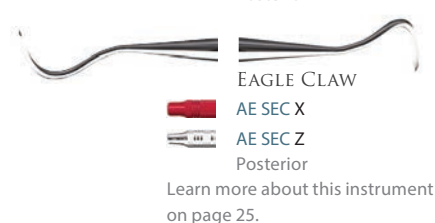
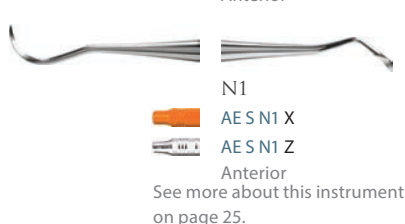
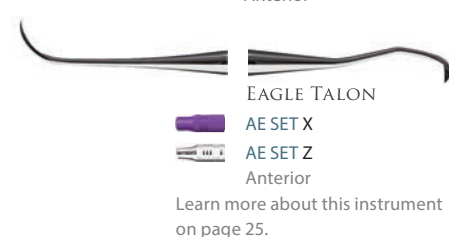
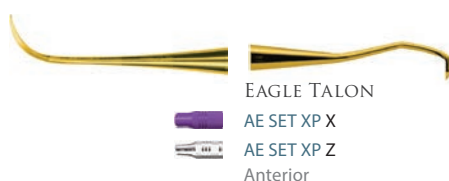
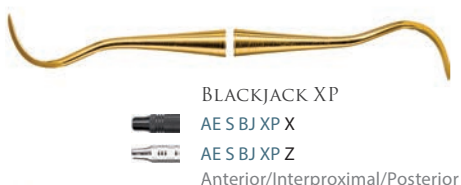
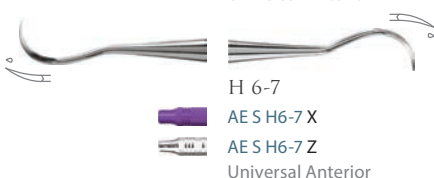
UNIVERSAL CURETTES CONTINUED



SCALERS

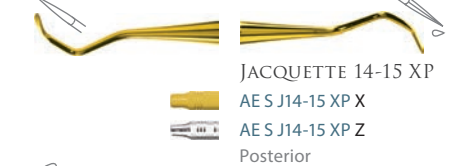
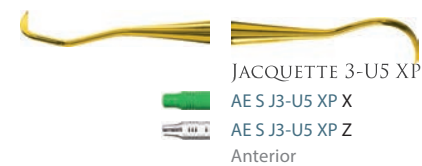
QUALITY

Each American Eagle instrument is crafted by hand. Tips are fabricated individually by highly skilled precision technicians. Each instrument is continually held to strict quality controls during each stage of fabrication. We know you have come to expect nothing but the best from the company that has promised to deliver “Better Dentistry by Design”.



CURALER – A unique curette/scaler combo





SCALERS FEATURED IN TALON TOUGH™ ONLY

“ I used to use other brands but I felt that I had to sharpen them more often. I tried American Eagle's Talon Tough and was amazed at the quality. Talon Tough starts sharp and stays just as sharp through repeated uses; they are strong, sharp, and light-weight instruments. I love them. ”

– Holly VonEdende, RDH



BOGE 513™ SCALER

Only available in XP Technology



One end of the Boge 513 has an elongated shank and straight, slightly lipped cutting edge. The hoe's width was specifically designed to maintain stabilization during vertical and horizontal working strokes. The alternate end of the instrument is a Nebraska 128 sickle scaler.

BOGE 513™ XP

AE S B513 XP X (shown)
AE S B513 XP Z
Anterior

Only available in XP Technology



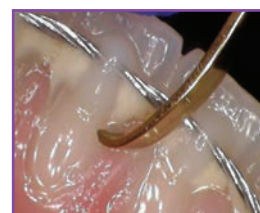
The Boge 513 is the **winner** of the 2017 Dr. Bicuspid Dental Excellence Award for Best New Instrument!

Quik-Tip™ cone sockets



“ The curvature of the blade is **brilliant for lingual wires**, and I have always loved my Nebraska 128 for challenging anteriors. ”

– Ryan Rutar, RDH, MAM



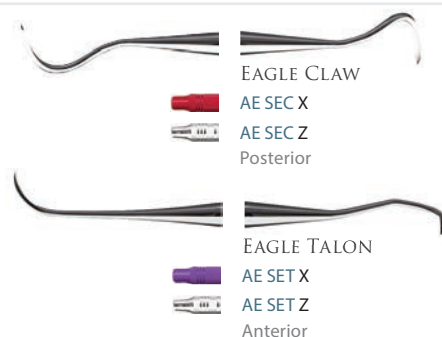
EAGLE CLAW™ & EAGLE TALON™ SCALERS

TIP: SEE ALL GOLDEN EAGLE™ KITS ON PAGES 22-23

Our Eagle Claw is designed with a thin finely-balanced contra-angled sickle scaler blade that easily adapts to posterior supragingival and interproximal areas.

Our Eagle Talon complements the Claw by combining two popular anterior tips, the J3 (Jacquette) and the N128, into one innovative instrument. This thinly-tipped sickle scaler is ideal for removing calculus and stains in all anterior interproximal areas.

EAGLE CLAW
AE SEC XP X (shown)
AE SEC XP Z
Posterior



N1 SCALER

Designed for the hygienist who needs speed and perfection in those difficult anterior areas. The spoon is ideal for maxillary anterior cingulum with very difficult stain and calculus. It easily removes lower anterior lingual layers of calculus without the worry of snagging the thin lingual tissue. AEI's patented sharpen-free XP® Technology maintains the factory shape throughout the life of the instrument.



N1 XP
AE S N1 XP X (shown)
AE S N1 XP Z
Anterior

Quik-Tip™ Cone Sockets

N1 A XP QT
AE SN1A XP QT
Anterior

Only available in XP Technology

N1 B XP QT
AE SN1B XP QT
Anterior

Only available in XP Technology



“ I personally love the N1 from American Eagle. On patients, the N1 quickly removes the stain and thin calculus in the deep maxillary anterior cingulum. In the lower anterior areas where there is fine calculus at the CEJ, I can gently push the tissue back and remove the deposits without worry of snagging the tissue. Add the XP Technology, I don't have to worry about sharpening. **It is definitely my “go to” instrument!**”

– Cherie Borer, RDH, Independent Sales Rep

BLACKJACK™ SCALER

Designed with the hygienist in mind, the Blackjack™ has a favorable blade design ideal for removing calculus and stains in all anterior and interproximal areas, as well as access throughout the posterior. American Eagle Instruments added 4mm to the shank to increase posterior access over other universal sickle scalers. In addition to stainless steel tips, the Blackjack is also manufactured with AEI's patented sharpen-free XP® Technology for a blade that maintains its factory edge throughout the life of the instrument. Blackjack is available in EagleLite® resin or stainless steel handles. Plus, responding to repeated requests from dental hygienists throughout the world, American Eagle makes the Blackjack in Quik-Tip™ cone sockets in both Talon Tough™ stainless steel and sharpen-free XP Technology.

LONG SHANK DESIGN PROVIDES EXCELLENT POSTERIOR ACCESS

- Contra-angle sickle scaler
- Slip-free handle design



BLACKJACK XP
 AE S BJ XP X (shown)
 AE S BJ XP Z
 Anterior/Interproximal/Posterior



BLACKJACK
 AE S BJ X (shown)
 AE S BJ Z
 Anterior/Interproximal/Posterior

Quik-Tip™ Cone Sockets



BLACKJACK A XP QT
 AE S BJ AXP QT
 Anterior/Interproximal/Posterior



BLACKJACK B XP QT
 AE S BJ BXP QT
 Anterior/Interproximal/Posterior



BLACKJACK A TT QT
 AE S BJ ATT QT
 Anterior/Interproximal/Posterior



BLACKJACK B TT QT
 AE S BJ BTT QT
 Anterior/Interproximal/Posterior

“While in school, I received a small basic set of the XP instruments and saved them for boards. I am truly glad that I did, because my ultrasonic unit failed. I took my board exam with ONLY hand instruments. **XP instruments, especially the Blackjack, saved me!** I passed WREB!”

– Eric Mobes, RDH

GOLDEN EAGLE KIT EAGLE CLAW™ & EAGLE TALON™

AE GEK XP X

Only available in resin handles



The universal scaler set—a combination of the Talon for anterior and the Claw for posterior.

Eagle Talon™ is a combination of two already popular anterior tips: the Jacquette 3 and the Nebraska 128.

Eagle Claw™ is the ideal universal posterior scaler with a classic design for tight, interproximal areas.

Sharpen-free XP® instruments keep their shape throughout the useful life of the instrument.

“These two instruments will replace your separate posterior, anterior, thin and rigid sickles while doing a better job of deposit removal. Ergonomically superior, buy less instruments and save time because you never have to sharpen.”

— Lory Laughter, RDH

GOLDEN EAGLE KIT #2 GRACEY 11 -12 & GRACEY 13-14

AE GEK 2 XP X

Only available in resin handles



The classic molar-mesial and molar-distal Graceys.

XP means No Sharpening – these are the first Graceys that retain their original shape.

Slim design – ideal for heavy calculus and for tight interproximal areas of recall patients.

Available in EagleLite® resin or stainless – large handles and the lightest on the market.

GOLDEN EAGLE KIT #6 M23 AND BLACKJACK™

AE GEK 6 XP X

Only available in resin handles



Blackjack™ - The Ultimate Anterior Scaler

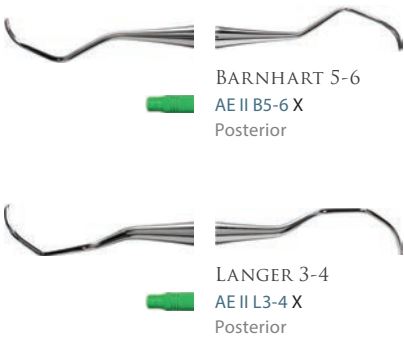
M23 - Replaces Sickles and Mini-Sickles for Posterior

Ideal for safe removal of deposits

SHARPEN-FREE XP Technology means the instruments retain their original shape

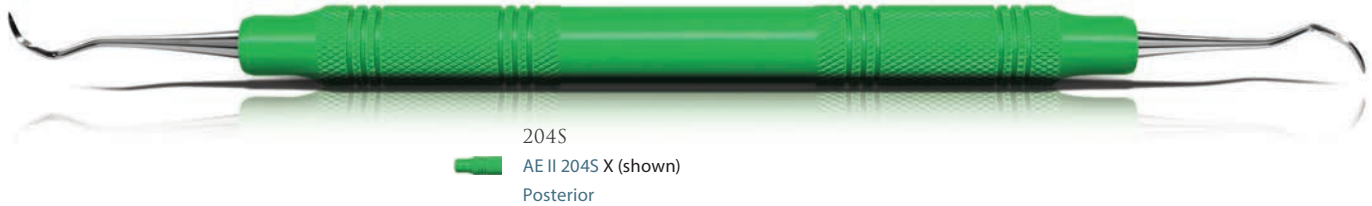
Extra-light handle design that helps reduce repetitive motion injuries

IMPLANT INSTRUMENTS



MEDICAL GRADE TITANIUM

Made of medical grade titanium, these Implant Instruments will not scratch or damage titanium implants and are 100% made in the USA. American Eagle's unique patterns include scalers with rounded toes enabling safe access to sub-gingival areas. Made exclusively in the lightweight EagleLite® resin handle, these instruments reduce hand fatigue, making them a favored Implant Instrument among clinicians.



IMPLANT INSTRUMENT KITS

Both implant instrument kits include all four implant instruments seen above.

“ A labor-intensive procedure is shortened with the implant curettes from American Eagle Instruments. Handling is more comfortable and results are more predictable. Your team's wrists will thank you! ”

Dr. Hans Sellmann
Germany

IMPLANT INSTRUMENT KIT
WITH PLASTIC CASSETTE
AE II KP



IMPLANT INSTRUMENT
KIT WITH SS CASSETTE
AE II KZ



QUIK-TIP®

CONE SOCKET INSTRUMENTS



Quik-Tips™

QUIK-TIP™ CONE SOCKETS

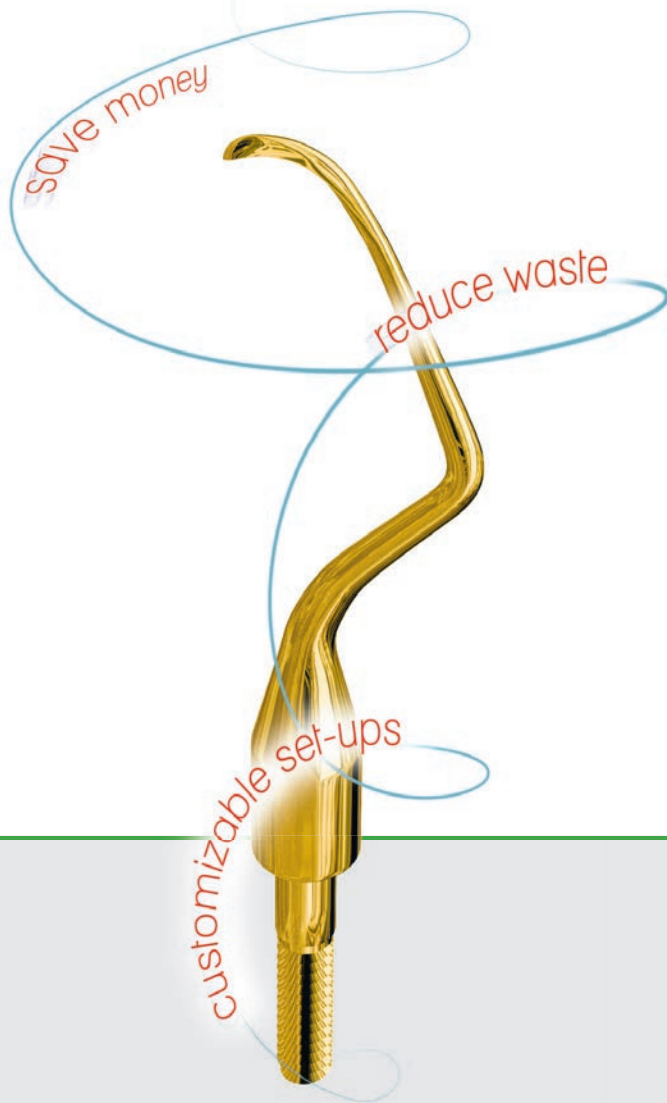
Sharpen-Free XP® Technology
Talon Tough™ Stainless Steel

- Completely customizable
- Significant cost-savings
- Eight handle color choices
- Re-tip in seconds
- Reduce waste

quik-tip™ overview	32
quik-tip™ wrench and handles	33
blackjack™ scaler	33
double gracey™	34
boge 513™ scaler	34
xp® pro thin®	35
gracey standard	36
gracey +3 access	37
gracey +3 deep pocket	38
universal curettes	38-39
scalers	40

A **NEW TWIST** ON RE-TIPPING...

Quik-Tips™



Available in:

XP® Technology
The **Sharpen-Free** Instruments™

TalonTough™
The **Stainless Steel** Instruments

Designed with the hygienist in mind, Quik-Tips offer the ability to discard a single end when it becomes dull, without having to replace your entire instrument; this gives your practice significant cost savings.

Quik-Tip™ cone socket benefits:

- Completely customizable
- Significant cost-savings
- Eight handle colors to choose from
- Re-tip in seconds
- Reduce waste



QUIK-TIP™ WRENCH



AEQTW (Quik-Tip Wrench)

QUIK-TIP™ HANDLE OPTIONS

DOUBLE ENDED HANDLE OPTIONS



SINGLE ENDED HANDLE OPTIONS



BLACKJACK™ SCALER - QUIK-TIP™

INDICATORS REPRESENT STANDARD HANDLE COLOR

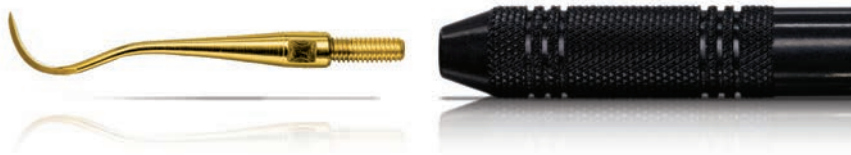
Designed with the hygienist in mind, the Blackjack™ has a favorable blade design ideal for removing calculus and stains in all anterior and interproximal areas, as well as access throughout the posterior. In addition to stainless steel tips, the Blackjack is also manufactured with AEI's patented sharpen-free XP® Technology for a blade that maintains its factory shape throughout the life of the instrument.



BLACKJACK A XP QT
AE S BJ AXP QT
Anterior/Interproximal/Posterior
BLACKJACK A TT QT
AE S BJ ATT QT
Anterior/Interproximal/Posterior



BLACKJACK B XP QT
AE S BJ BXP QT
Anterior/Interproximal/Posterior
BLACKJACK B TT QT
AE S BJ BTT QT
Anterior/Interproximal/Posterior



LONG SHANK DESIGN PROVIDES EXCELLENT POSTERIOR ACCESS

- Contra-angle sickle scaler
- Slip-free handle design

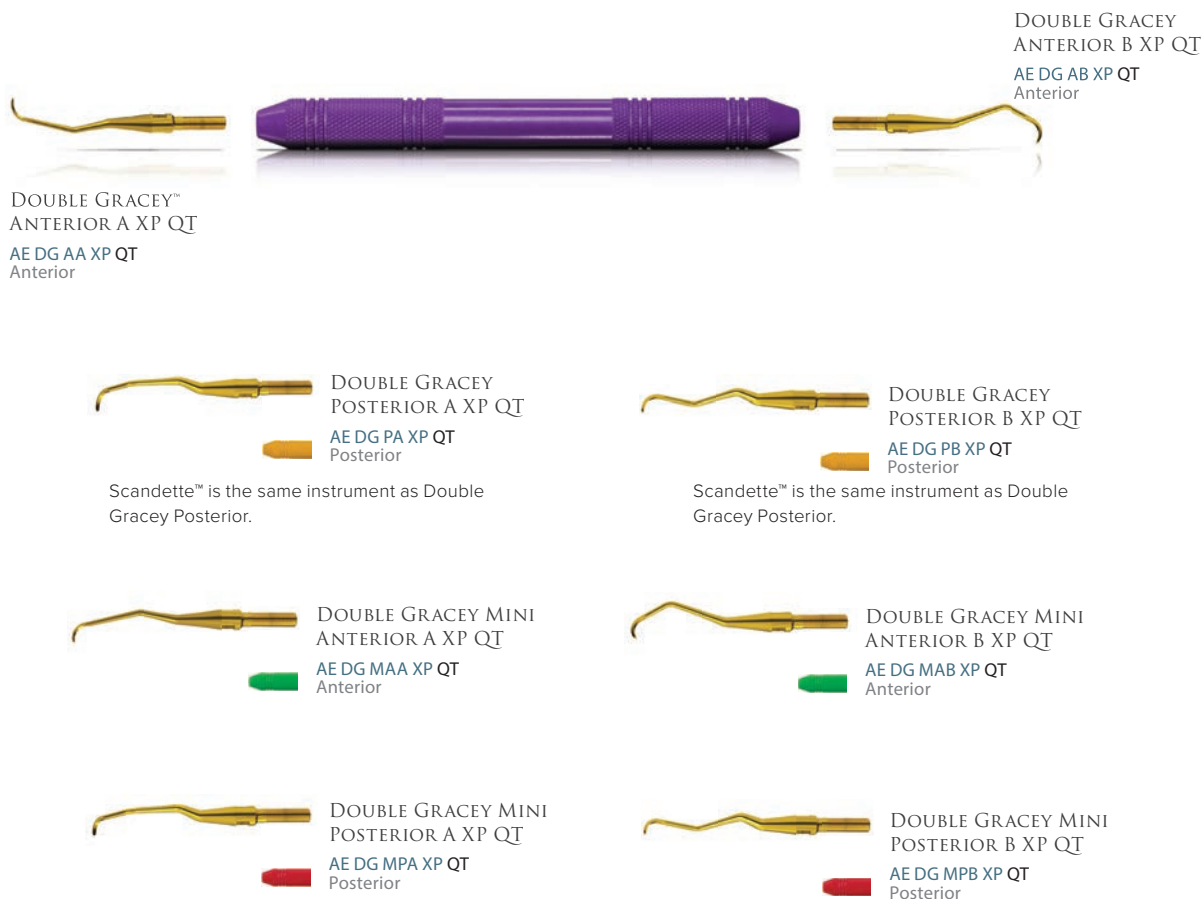
* Please remember to order a Quik-Tip wrench with your Quik-Tip order.

DOUBLE GRACEY™ - QUIK-TIP™

Only available in XP Technology

INDICATORS REPRESENT STANDARD HANDLE COLOR

The Double Gracey line of instruments started with the Scandette (now the Double Gracey Posterior) and later transformed into a complete line of dual-bladed curettes. For more information on Double Gracey curettes, go to pages 19 and 20.



BOGE 513™ SCALER QUIK-TIPS

NEW!

The Boge 513 is a hoe/scaler combination. One end of the Boge 513 (Quik-Tip side A) has an elongated shank and straight, slightly lipped cutting edge. The hoe's width was specifically designed to maintain stabilization during vertical and horizontal working strokes. The alternate end of the instrument is a Nebraska 128 sickle scaler (Quik-Tip side B). For more information on the Boge 513, go to page 24.



Only available in XP Technology

Only available in XP Technology



NEW!

XP® PRO THIN® QUIK-TIP™

Only available in XP Technology

Thinner blades. Better access. No sharpening. The ideal periodontal hand instruments. Meet the Pro Thin line, taking your favorite instruments and making them the way you like them - thin. For more information on the Pro Thin line of instruments, go to pages 28-29.



M23 THIN TIP A
XP QT
AE S M23TA XP QT
Universal Posterior



M23 THIN TIP B
XP QT
AE S M23TB XP QT
Universal Posterior



BLACKJACK THIN A XP QT
AE S BJT AXP QT
Anterior/Interproximal/Posterior



BLACKJACK THIN B XP QT
AE S BJT BXP QT
Anterior/Interproximal/Posterior



BARNHART 5 THIN
XP QT
AE C B5T XP QT
Deeper shank angle Posterior



BARNHART 6 THIN
XP QT
AE C B6T XP QT
Deeper shank angle Posterior



GRACEY ACCESS THIN 1
XP QT
AE GA 1T XP QT
Anterior



GRACEY ACCESS 2 THIN
XP QT
AE GA 2T XP QT
Anterior



GRACEY ACCESS 7 THIN
XP QT
AE GA 7T XP QT
Pre-molar/molar



GRACEY ACCESS 8 THIN
XP QT
AE GA 8T XP QT
Pre-molar/molar



GRACEY ACCESS 13 THIN
XP QT
AE GA 13T XP QT
Posterior Distal



GRACEY ACCESS 14 THIN
XP QT
AE GA 14T XP QT
Posterior Distal



GRACEY ACCESS 15 THIN
XP QT
AE GA 15T XP QT
Posterior Mesial



GRACEY ACCESS 16 THIN
XP QT
AE GA 16T XP QT
Posterior Mesial

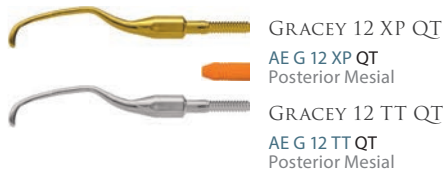
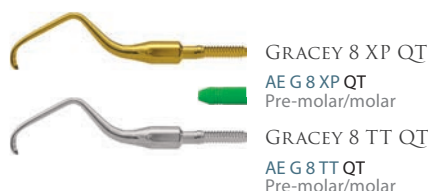
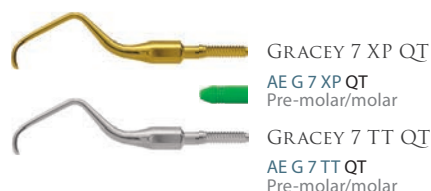
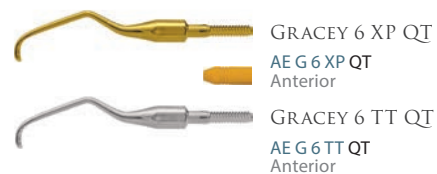
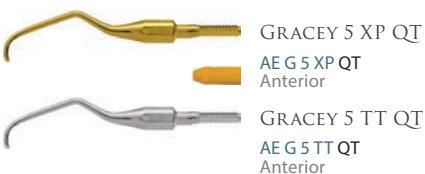
Quik-Tips™

GRACEY STANDARD - QUIK-TIP™

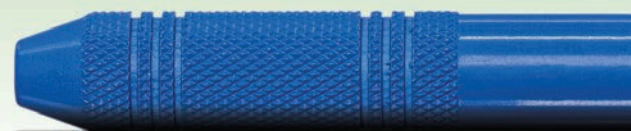
INDICATORS REPRESENT STANDARD HANDLE COLOR

* Please remember to order a Quik-Tip wrench with your Quik-Tip order.

Quik-Tips™



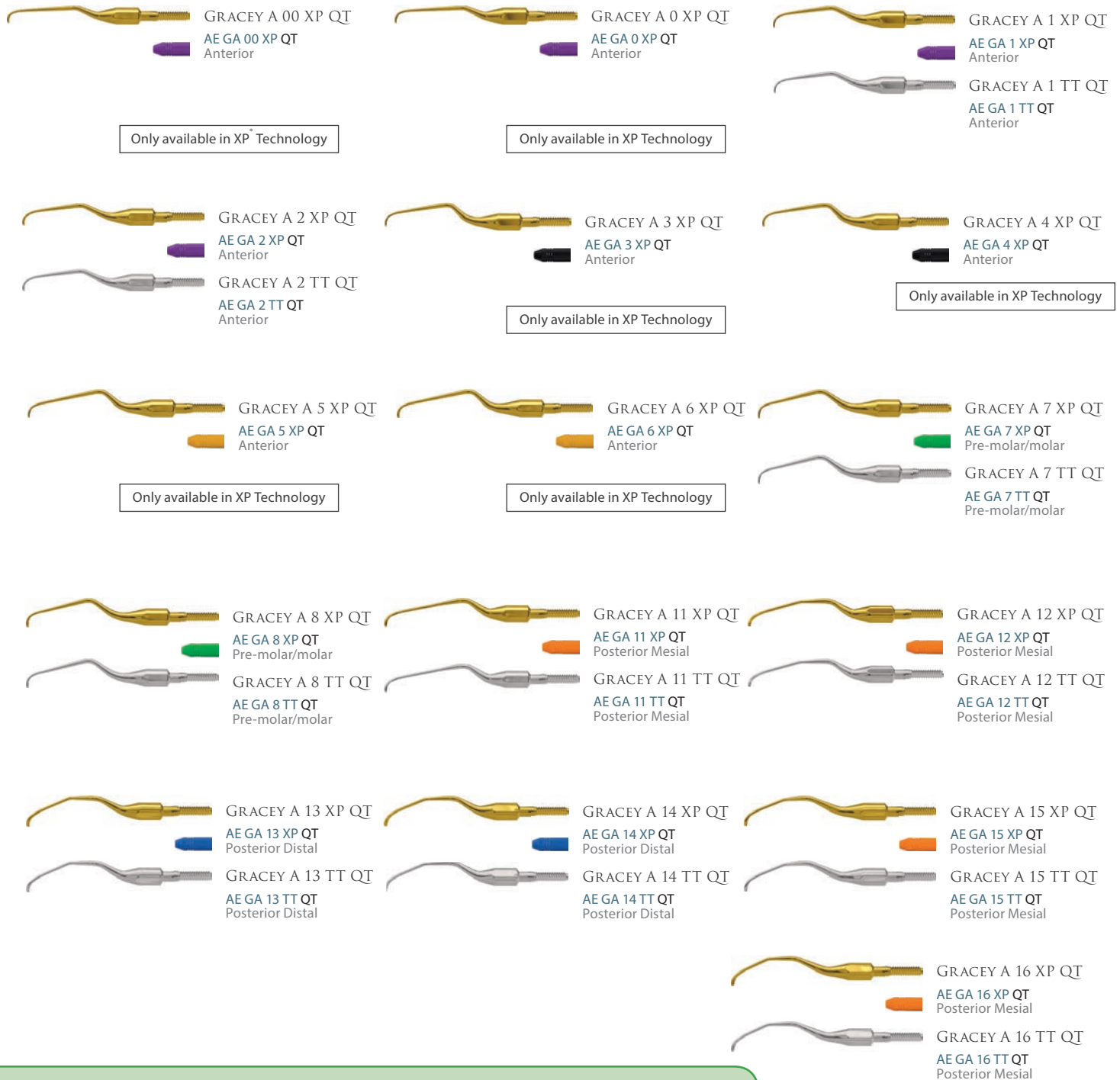
CREATE YOUR IDEAL INSTRUMENT



GRACEY +3 ACCESS - QUIK-TIP™ (50% SHORTER BLADE)

INDICATORS REPRESENT STANDARD HANDLE COLOR

* Please remember to order a Quik-Tip wrench with your Quik-Tip order.















Whether you want to create just the right instrument or color code your entire system, American Eagle's Quik-Tip™ cone socket instruments allow you to do just that. Available in Talon Tough™ and XP Technology.



GRACEY +3 DEEP POCKET - QUIK-TIP™ (STANDARD BLADE - 3MM LONGER SHANK)









INDICATORS REPRESENT STANDARD HANDLE COLOR

* Please remember to order a Quik-Tip wrench with your Quik-Tip order.

 <p>GRACEY DP 1 XP QT AE GDP 1 XP QT Anterior</p> <p>Only available in XP Technology</p>	 <p>GRACEY DP 2 XP QT AE GDP 2 XP QT Anterior</p> <p>Only available in XP Technology</p>	 <p>GRACEY DP 3 XP QT AE GDP 3 XP QT Anterior</p> <p>Only available in XP Technology</p>
 <p>GRACEY DP 4 XP QT AE GDP 4 XP QT Anterior</p> <p>Only available in XP Technology</p>	 <p>GRACEY DP 5 XP QT AE GDP 5 XP QT Anterior</p> <p>Only available in XP Technology</p>	 <p>GRACEY DP 6 XP QT AE GDP 6 XP QT Anterior</p> <p>Only available in XP Technology</p>
 <p>GRACEY DP 7 XP QT AE GDP 7 XP QT Pre-molar/molar</p> <p>Only available in XP Technology</p>	 <p>GRACEY DP 8 XP QT AE GDP 8 XP QT Pre-molar/molar</p> <p>Only available in XP Technology</p>	 <p>GRACEY DP 11 XP QT AE GDP 11 XP QT Posterior Mesial</p> <p>Only available in XP Technology</p>
 <p>GRACEY DP 12 XP QT AE GDP 12 XP QT Posterior Mesial</p>	 <p>GRACEY DP 13 XP QT AE GDP 13 XP QT Posterior Distal</p>	 <p>GRACEY DP 14 XP QT AE GDP 14 XP QT Posterior Distal</p>
 <p>GRACEY DP 12 TT QT AE GDP 12 TT QT Posterior Mesial</p>	 <p>GRACEY DP 13 TT QT AE GDP 13 TT QT Posterior Distal</p>	 <p>GRACEY DP 14 TT QT AE GDP 14 TT QT Posterior Distal</p>
 <p>GRACEY DP 15 XP QT AE GDP 15 XP QT Posterior Mesial</p> <p>Only available in XP Technology</p>	 <p>GRACEY DP 16 XP QT AE GDP 16 XP QT Posterior Mesial</p> <p>Only available in XP Technology</p>	

UNIVERSAL CURETTES - QUIK-TIP

INDICATORS REPRESENT STANDARD HANDLE COLOR

 <p>BARNHART 5 XP QT AEC B5 XP QT Deeper shank angle Posterior</p>	 <p>BARNHART 6 XP QT AEC B6 XP QT Deeper shank angle Posterior</p>
 <p>BARNHART 5 TT QT AEC B5 TT QT Deeper shank angle Posterior</p>	 <p>BARNHART 6 TT QT AEC B6 TT QT Deeper shank angle Posterior</p>
 <p>COLUMBIA 4L XP QT AEC C4L XP QT Deeper shank angle Posterior</p>	 <p>COLUMBIA 4R XP QT AEC C4R XP QT Deeper shank angle Posterior</p>
 <p>COLUMBIA 4L TT QT AEC C4L TT QT Deeper shank angle Posterior</p>	 <p>COLUMBIA 4R TT QT AEC C4R TT QT Deeper shank angle Posterior</p>

UNIVERSAL CURETTES - QUIK-TIP™ CONTINUED

INDICATORS REPRESENT STANDARD HANDLE COLOR

* Please remember to order a Quik-Tip wrench with your Quik-Tip order.



Only available in XP Technology

Only available in XP Technology



Only available in XP Technology

Only available in XP Technology



Only available in XP Technology

Only available in XP Technology



Only available in XP Technology

Only available in XP Technology

“ I love how American Eagle is going green with Quik-Tips! The cost savings are incredible. They are simple to assemble and affordable—plus they stay sharp the longest of any instrument I have had! I love how you can make your dental set-up completely unique, and with XP Technology...what a perfect instrument! ”

– Heidi Halverson, RDH, BS

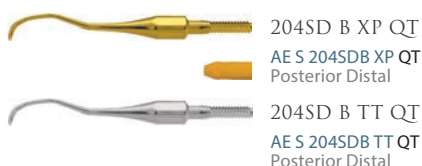
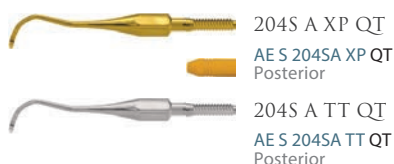
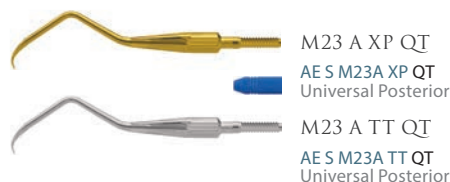
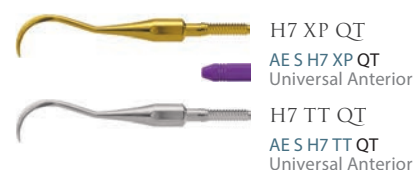
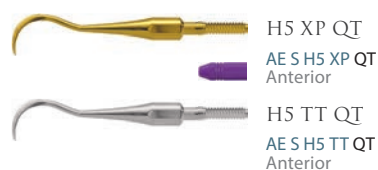
Quik-Tips™

SCALERS - QUIK-TIP™

INDICATORS REPRESENT STANDARD HANDLE COLOR

* Please remember to order a Quik-Tip wrench with your Quik-Tip order.

Quik-Tips™



Only available in XP Technology

Only available in XP Technology



DIAGNOSTIC

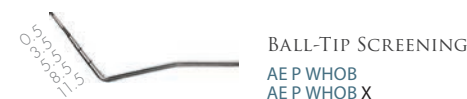
- Exceptionally tough and resilient
- Precise markings for greater visibility of depth
- Specially designed handles for optimal comfort
- Mirrors assure distortion-free images

probes	42
explorers	43
explorer / probes	43
mirrors / mirror handles	44

PROBES

7/32" - 5.6mm Stainless Steel (Standard)

3/8" - 9.5mm EagleLite® Black Resin (X)



PRECISE

American Eagle Instruments' probes are precision fabricated to provide exceptional accuracy. They are available with black, yellow, or multi-colored yellow and green markings that provide optimum visibility. All probe increments are designated in millimeters.



EXPLORERS

7/32" - 5.6mm Stainless Steel (Standard)



SHEPHERD'S HOOK 23
AE EXP 23

3/8" - 9.5mm EagleLite® Black Resin (X)



SHEPHERD'S HOOK 23
AE EXP 23 X

DURABLE

Fabricated from an exceptionally durable special alloy that provides a remarkably sharp point, our explorers allow ultimate tactile sense combined with superior metal memory.



PIGTAIL 2
AE EXP 2
AE EXP 2 X



5 (23-17)
AE EXP 5
AE EXP 5 X



23-6
AE EXP 23-6
AE EXP 23-6 X



COW HORN 3CH
AE EXP 3CH
AE EXP 3CH X



DEEP POCKET 11-12
AE EXP 11-12DP
AE EXP 11-12DP X



3
AE EXP 3
AE EXP 3 X



3ES
AE EXP 3ES
AE EXP 3ES X



11-12
AE EXP 11-12
AE EXP 11-12 X



6 SE
AE EXP 6SE
AE EXP 6SE X

EXPLORER / PROBES

7/32" - 5.6mm Stainless Steel (Standard)



23/SOUTH DAKOTA 12
AE EP 23/SD12Y

3/8" - 9.5mm EagleLite Black Resin (X)



23/SOUTH DAKOTA 12
AE EP 23/SD12Y X



23/12 (MARQUIS)
AE EP 23/12YG
AE EP 23/12Y X



23/12 (MARQUIS)
AE EP 23/12B
AE EP 23/12B X



23/12 (MARQUIS)
AE EP 23/12Y
AE EP 23/12Y X



23/MICHIGAN 0
AE EP 23/0B
AE EP 23/0B X



23/WILLIAMS 1
AE EP 23/1B
AE EP 23/1B X



23/WILLIAMS 1
AE EP 23/1Y
AE EP 23/1Y X



23/BALL-TIP SCREENING
AE EP 23/WHOB
AE EP 23/WHOB X

MIRROR HANDLES (ALSO AVAILABLE WITH SIMPLE STEM METRIC THREADING)



1/4" - 6.3MM STAINLESS STEEL C.S. ROUND

AE MH R (shown)

AE MH R SS - simple stem metric threading (European)



1/4" - 6.3MM STAINLESS STEEL C.S. TAPERED

AE MH T (shown)

AE MH T SS - simple stem metric threading (European)



3/8" - 9.5MM EAGLELITE STAINLESS STEEL C.S. ROUND

(NOT AVAILABLE IN SIMPLE STEM METRIC THREADING)

AE MH R Z



3/8" - 9.5MM EAGLELITE® BLACK RESIN C.S. ROUND

AE MH R X (shown)

AE MH R SS X - simple stem metric threading (European)



3/8" - 9.5MM EAGLELITE BLACK RESIN C.S. TAPERED

AE MH T X (shown)

AE MH T SS X - simple stem metric threading (European)

CONE SOCKET MIRRORS



4 C.S.

AE M 4

12 Pack: AE M 4/12



5 C.S.

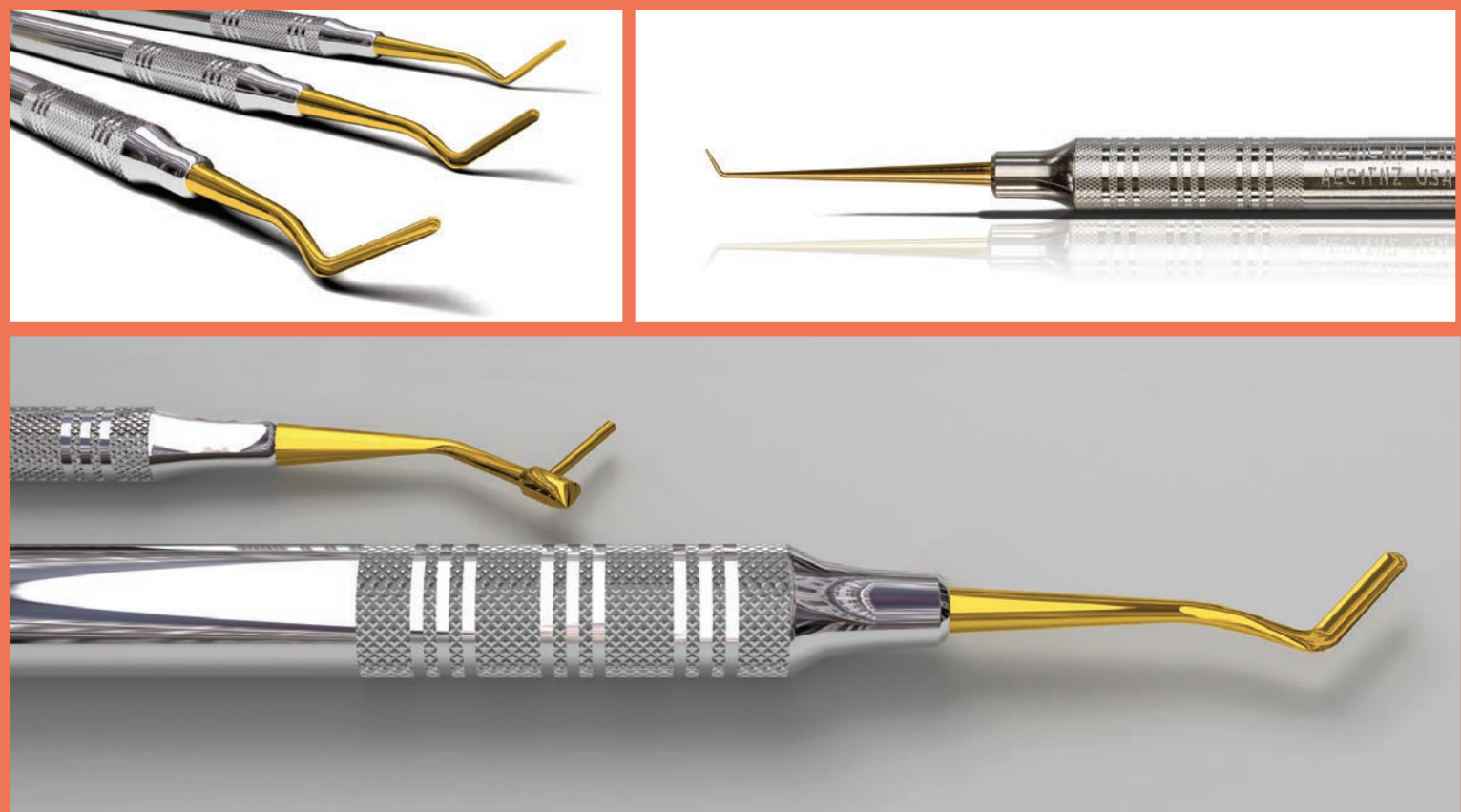
AE M 5

12 Pack: AE M 5/12

CLEAR

Featuring an all stainless steel cone socket design, our rhodium-coated front surface mirrors assure you a distortion-free image. Choose from our tapered mirror handles or our rounded-end handles that allow for comfortable retraction of the cheek and tongue.



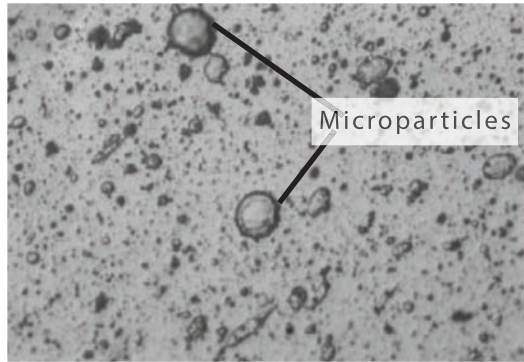


COMPOSITE

- Extremely sharp carvers
- XP Technology instruments
- Exclusive series
- Superior smooth surface
- No sticking or pull back

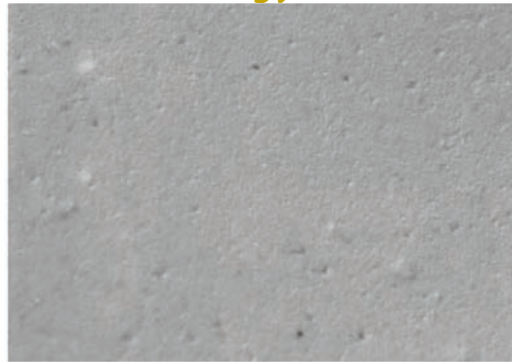
XP Technology	46
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Dr. Colonna series	47
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Dr. Belvedere series	48

Standard Coated Instrument



- Composite sticks to microparticles

XP Technology Instrument



- **XP Technology** gives you a defect-free surface

XP® Technology

The Composite Line

No Stick. No Pull. No Kidding. XP Technology is a proprietary process in which the metallurgical composition of the instrument's surface is enhanced, giving it the properties of a much more durable material. This process allows us to create a super smooth surface, offering composite instruments with properties that boast no sticking or pull back.

COMPOSITE PLASTIC FILLING

Handle Options:

1/4" - 6.3mm Stainless Steel (Standard)



3/8" - 9.5mm EagleLite® Stainless Steel (Z)



COMPOSITE 1
AEC 1 TNZ
Spear/ Sharp Acorn

“Micro dentistry needs special skills and special instruments. The AE C1 TNZ, that I use regularly, fulfills the requirements of the current situation and **the instrument offers a number of supplementary capabilities** that could prove useful throughout.”

- Dr. Raffi Chirvanian, Restorative and Cosmetic Dentistry
Royal Clinics of the Custodian of the Two Holy Mosques, Saudi Arabia



COMPOSITE 2
AEC 2 TNZ
Plugger/Paddle



COMPOSITE 3
AEC 3 TNZ
Sharp Paddle/Sharp Paddle



COMPOSITE 4
AEC 4 TN
AEC 4 TNZ
Paddle/Paddle



COMPOSITE 5
AEC 5 TN
AEC 5 TNZ
Paddle/Plugger



COMPOSITE 6
AEC 6 TN
AEC 6 TNZ
Paddle/Plugger



COMPOSITE 7
AEC 7 TN
AEC 7 TNZ
Paddle/Plugger



COMPOSITE 9
AEC 9 TN
AEC 9 TNZ
Paddle/Paddle



COMPOSITE 6-21A
AEC 6-21A TN
AEC 6-21A TNZ
Paddle/Acorn



CARVER GREGG 4-5
AEC A4-5 TN
AEC A4-5 TNZ
Paddle/Paddle

DR. COLONNA SERIES

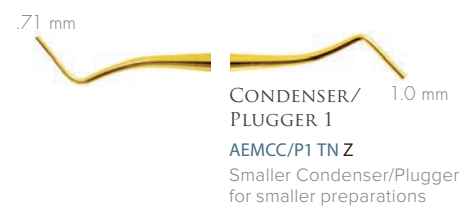
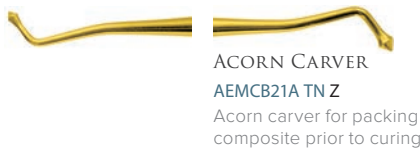
AN AMERICAN EAGLE INSTRUMENTS' EXCLUSIVE

“I developed these instruments to better serve my minimally invasive capabilities. I found that most instruments were too big to accommodate small laser preparations. **These instruments are invaluable to those of us who practice Minimally Invasive Dentistry.**”

– Dr. Mark Colonna

DR. COLONNA EXCLUSIVE TIPS

Dr. Colonna's instrument series is designed specially for use in micro-dental preparations. Micro-spoon excavators are precisely designed and are strong enough to remove decay in the smallest of micro-dental preparations.



Composite

DR. MOPPER COMPOSITE SERIES

AN AMERICAN EAGLE INSTRUMENTS' EXCLUSIVE



DR. BELVEDERE COMPOSITE CONTACT SERIES

AN AMERICAN EAGLE INSTRUMENTS' EXCLUSIVE

Handle:

5/16" - 7.9mm Stainless Steel Belvedere Double End



DR. BELVEDERE EXCLUSIVE HANDLES

Dr. Belvedere's series was carefully engineered with serrated, oval cross-section heads to ensure mechanical retention. The flat torquing surface of these lightweight handles provides greater leverage when applying composite material.





RESTORATIVE

- Precisely designed tips
- Durable and corrosion resistant
- Talon Tough™ stainless steel
- Instruments with consistent working ends

chisels, hatchets, margin trimmers	50
discoid-cleoids	50
excavators	51
condensers / pluggers, super pluggers	52
interproximal carvers	52
burnishers, carvers	53
cord packers, plastic filling carvers	54
spatula	54

Handle:

1/4" - 6.3mm Stainless Steel Double End (Standard)



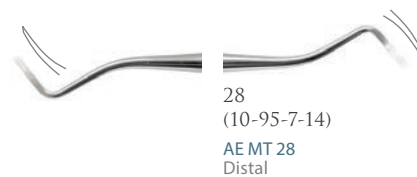
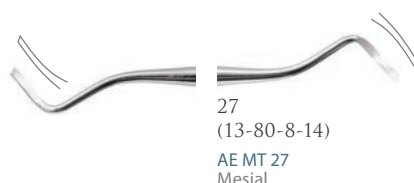
CHISELS



HATCHETS



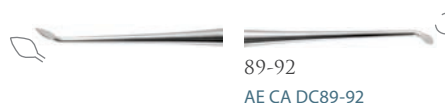
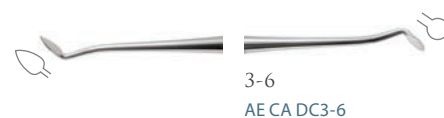
MARGIN TRIMMERS



DISCOID-CLEOID

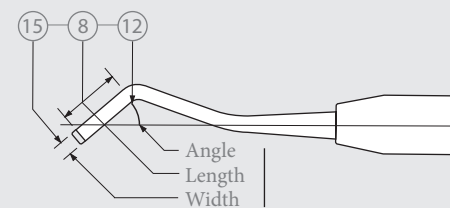
Handle:

1/4" - 6.3mm Stainless Steel Double End (Standard)

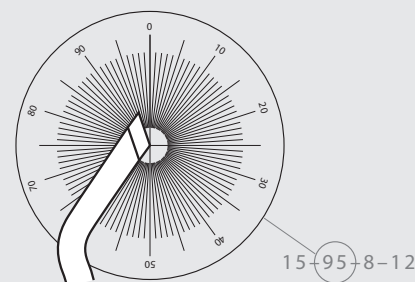


DR. BLACK'S INSTRUMENT NUMBERING FORMULA

Dr. Black's formula is based on the concept of instrument balance. Balance is established by keeping the blade of the instrument within 2mm of the long axis of the handle line. Proper balance is necessary to achieve optimal cutting with minimal effort.



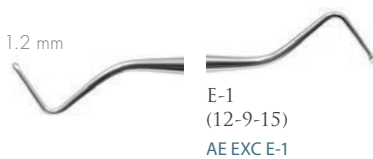
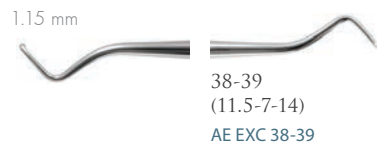
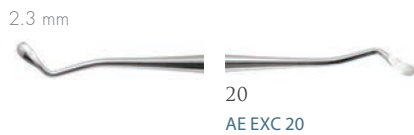
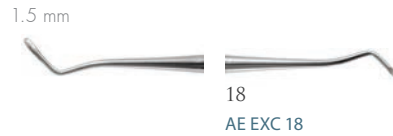
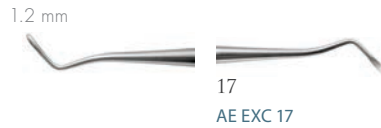
Some instruments, such as margin trimmers, are constructed with a cutting edge at an angle other than a right angle. In these cases, a fourth number is placed in the formula that indicates the degree of angle of the cutting edge to the long axis of the handle.



EXCAVATORS

Handle:

1/4" - 6.3mm Stainless Steel Double End (Standard)

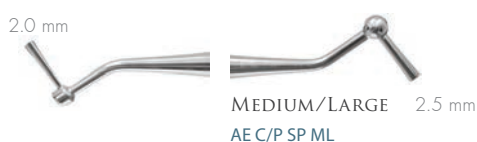


MULTI-FUNCTIONAL

Our excavators, used for the removal of softened carious dentin, are equipped with two different ends: a spoon-shaped working end that is especially useful for work on deep carious areas, or a round working end for tissue-saving cavity preparation.

SUPER PLUGGERS

*SEE PAGE 48 FOR TIN ENGINEERED SUPER PLUGGERS



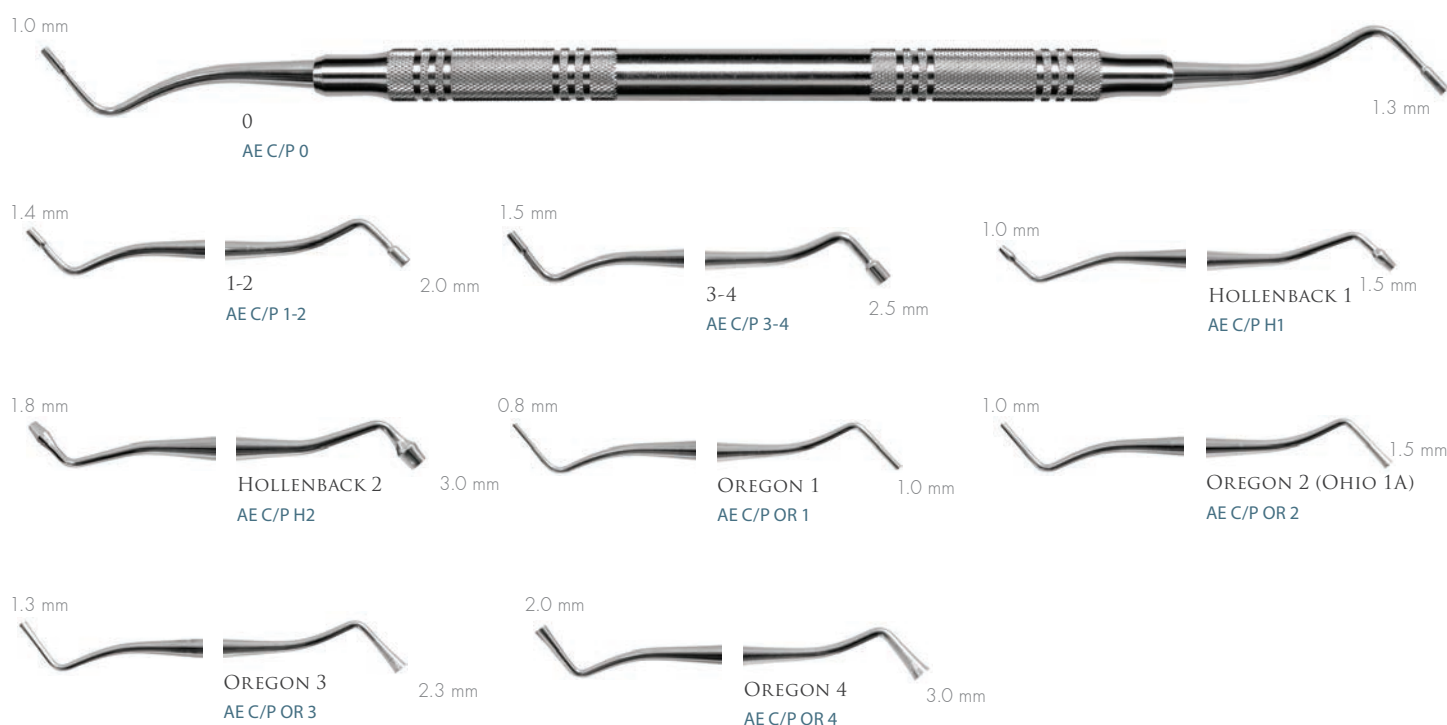
MULTI-FUNCTIONAL

American Eagle super pluggers feature two different sized condenser/pluggers with a ball-shaped burnisher on one end and an acorn-shaped carver on the other end, all in one instrument. This provides you with one superior multi-functional tool.

CONDENSERS / PLUGGERS (NON-SERRATED)

Handle:

1/4" - 6.3mm Stainless Steel Double End (Standard)



INTERPROXIMAL CARVERS

Handle:

1/4" - 6.3mm Stainless Steel Double End (Standard)



PERFORMANCE

State-of-the-art heat treated, corrosion-resistant stainless steel provides extremely thin, precision-ground blades that easily adapt to interproximal surfaces.

BURNISHERS

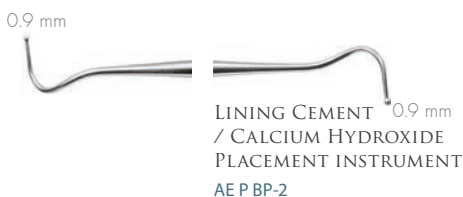
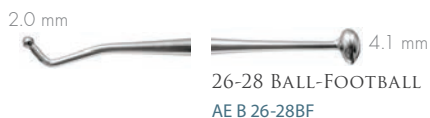
Handle:

1/4" - 6.3mm Stainless Steel Double End (Standard)



CONSISTENT

American Eagle's burnishers are designed to precisely polish amalgam. Our burnishers are made from the best stainless steel available, offering durability, corrosion resistance, and providing unsurpassed consistency of the working ends.



CARVERS

Handle:

1/4" - 6.3mm Stainless Steel Double End (Standard)



CORD PACKERS

Handle:

1/4" - 6.3mm Stainless Steel Double End (Standard)



RECOMMENDED

Our round-tipped cord packing instruments help ensure proper cord placement - as recommended by leading cord manufacturers.



CSI-1 SERRATED
AEP CSI-1



GUYER 7 SERRATED
AEP G7



ROUND SERRATED
AEP RND5

PLASTIC FILLING CARVERS

Handle:

1/4" - 6.3mm Stainless Steel Double End (Standard)



PLASTIC FILLING CARVERS

Our high grade steel and state-of-the-art treatment processes provide highly polished surfaces that offer a non-stick surface.



PFI 6
AECA 6



PFI 8A
AECA 8A



PFI 11
AECA 11



PFI 13
AECA 13



PFI ASH 6
AECA A-6



PFI D3
AECA D3



PFI S6
AECA S6

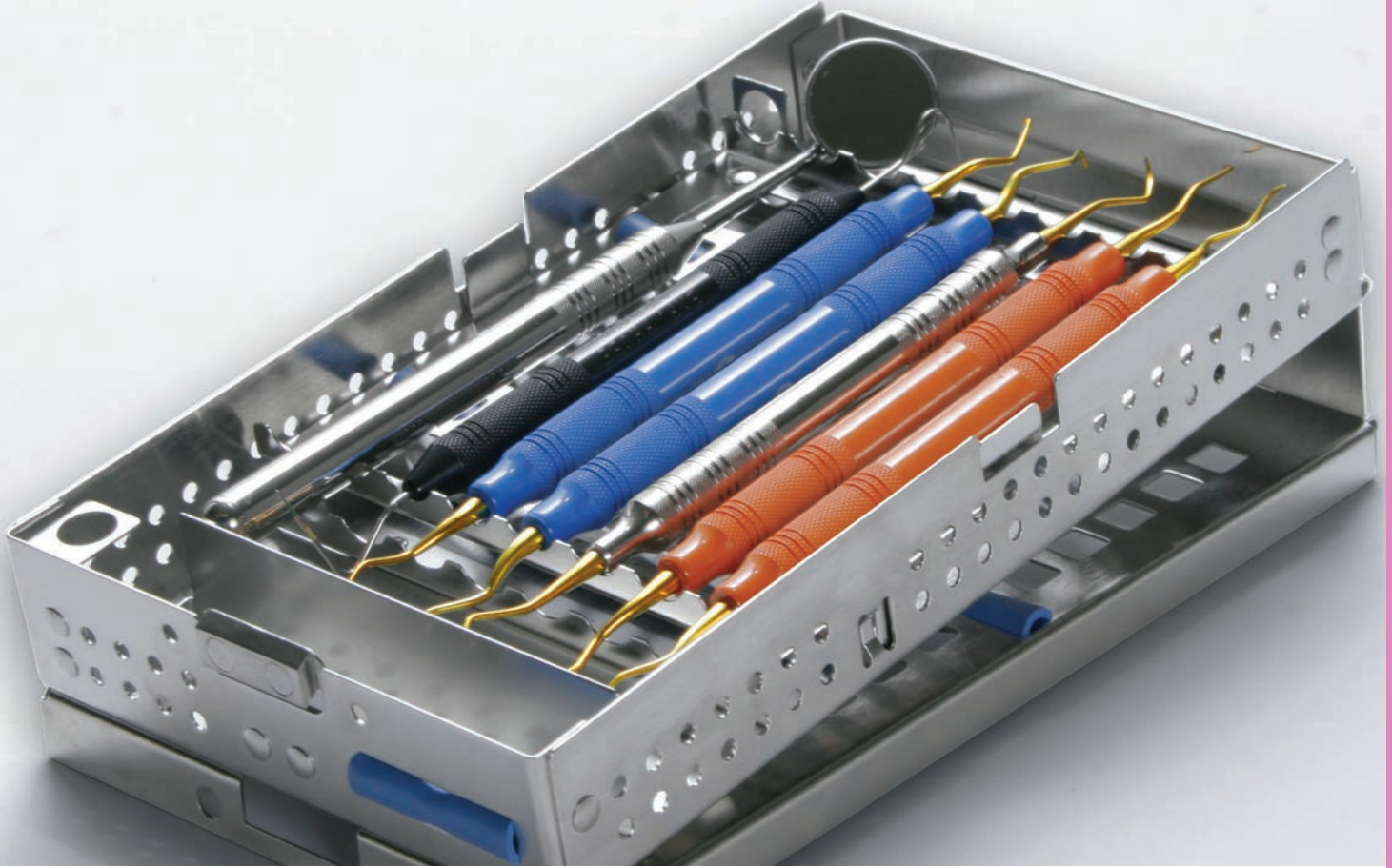
SPATULA

Handle:

1/4" - 6.3mm Stainless Steel Single End Spatula



CEMENT 8
AECSP 8



MISCELLANEOUS

- Open Ventilation System cassettes
- Diamond and ceramic sharpening stones
- Instrument care

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COTTON PLIERS



COLLEGE 16
AE PL 4078



FLAGG 17
AE PL 17

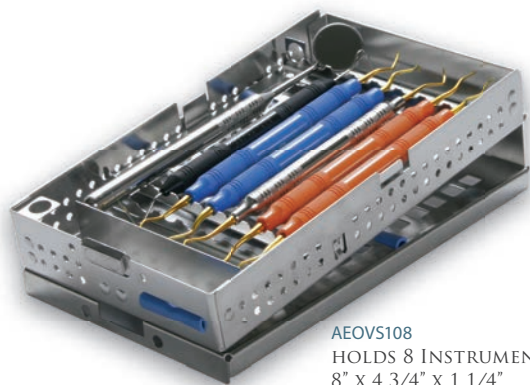


MERRIAM 18
AE PL 4085



COLLEGE 16L
SERRATED LOCKING
AE PL 4088

OVS™ CASSETTES



AEOVS108
HOLDS 8 INSTRUMENTS
8" x 4 3/4" x 1 1/4"



COLOR INDICATORS
Indicate color when ordering
your cassette.



AEOVSSL5R
HOLDS 5 INSTRUMENTS
7" x 2 1/2" x 3/4"



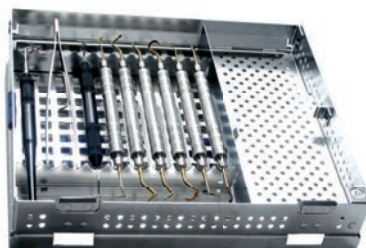
AEOVSSL7
HOLDS 6 - 3/8" INSTRUMENTS
OR 7 - 1/4" INSTRUMENTS
7" x 2 1/2" x 3/4"



AEOVS114
HOLDS 14 INSTRUMENTS
10 1/2" x 8" x 1 1/4"



AEOVSWV8/8
HOLDS 8 INSTRUMENTS
PLUS ACCESS AREA
8" x 7 1/8" x 1 1/4"



AEOVS110
HOLDS 10 INSTRUMENTS
9" x 8" x 1 1/4"



AEOVS109/12P
HOLDS 12 INSTRUMENTS
8" x 6" x 1 1/4"

OVS™ CASSETTES

Our OVS (Open Ventilation System) Instrument Cassettes are manufactured to the highest quality. The double hinge design allows for easier visibility of instruments, while offering space savings within the tray. Our cassettes are made from a very durable stainless steel and have a unique flow-through design that allows maximum circulation for efficient ultrasonic cleaning. Our cassettes are equipped with sturdy instrument racks that keep instruments in place during sterilization. They also feature a push button latch for easy open & close operation.

CODE RINGS



COLOR CODE RINGS

AE OVS RB - Blue	AE OVS RO - Orange	AE OVS RW - White
AE OVS RG - Green	AE OVS RR - Red	AE OVS RY - Yellow



INSPECT



To maintain optimal cutting edges on your instruments, AEI recommends routine sharpness testing by use of a test stick.

To test for sharpness, simply stroke the test stick as you would during use. If the instrument “grabs” it is sharp; if it does not it should be resharpened or discarded.

We do not recommend sharpening XP Technology instruments. Simply discard and replace.

TEST STICKS
AE SASTS (SINGLE)
AE SA STP (6 PACK)

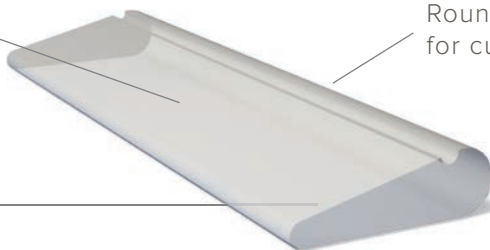


SIMPLY SHARP CERAMIC STONE AND EYE LOUPE

Notched side:
Coarse grit

Rounded edge
for curettes

Opposite side:
Fine grit



SIMPLY SHARP
CERAMIC STONE
3.5 x 1"
AE SA CC/F



SIMPLY SHARP
EYE LOUPE
AE SA MEL



SIMPLY SHARP KIT AE SA CC/FK

ALL YOUR SHARPENING NEEDS IN ONE EASY KIT

Re-sharpening dental instruments can be inconvenient, tedious and challenging. However, it is important to maintain sharp edges on your curettes and scalers. Our Simply Sharp Kit is designed with your convenience in mind. The double-sided stone offers you the choice of an extra-fine surface on one side and coarse grit on the other. The kit also includes a powerful 10x loupe for examining your edges. A sharpening test stick is included to conveniently test the cutting edge.

SHARPENING TECHNIQUE

1. Using the 10x magnification loupe, inspect cutting edges for defects.
2. Pick your method, sharpen your instrument, and test (using the test stick).
3. Inspect again by using the magnification loupe for proper angle, edge contour, and sharpness (a sharp edge will not reflect light).
4. Repeat steps 2 and 3. Make adjustments as needed until the desired edge is achieved.
5. Always check your instruments to maintain sharpness. We recommend a new instrument be kept for comparison.



METHOD 1

The edge is visible while the stone is moved at the correct angulation, producing a sharp edge.



METHOD 2

This method creates less clinician fatigue. However, maintaining the correct angle on the lateral edge may be more difficult, due to the inability to physically see the edge while moving the instrument.

SHARPENING STONES

DIAMOND STONE*
4 X 1"
AE SADS



* Ideal for Titanium
Implant Instruments



CERAMIC SUPER FINE
3 X 1.25 X .25"
AE SA CCS



INDIA MEDIUM
4 X 1 X .5"
AE SA MB24

Handles:

7/32" - 5.6mm Stainless Steel



1/4" - 6.3mm Stainless Steel



FILES 1/4" stainless steel handle



HIRSCHFELD 5-11
AE F H5-11
Mesial/Distal



HIRSCHFELD 3-7
AE F H3-7
Buccal/Lingual

WAXING INSTRUMENTS 1/4" stainless steel handle



WAX SPATULA 7
AE W S7



P.K. THOMAS 1
AE W PKT1



P.K. THOMAS 2
AE W PKT2



P.K. THOMAS 3
AE W PKT3

MISCELLANEOUS



EXPLORER DG 16
AE EM DG16
7/32" stainless steel handle

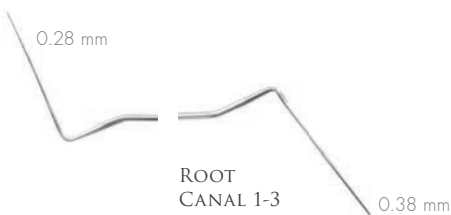


CARVER GLICK 1
AE EM G1CA
1/4" stainless steel handle



EXCAVATOR 31L
AE EM 31L EXC
1/4" stainless steel handle

PLUGGERS 7/32" stainless steel handle



ROOT
CANAL 1-3
AE E 1-3P



ROOT
CANAL 3-5
AE E 3-5P



ROOT
CANAL 5-7
AE E 5-7P



ROOT
CANAL
9-11 AE E 9-11P

SPREADERS 7/32" stainless steel handle



SPREADER D11-21
AE E D11-21S



SPREADER-THIN D11T-21
AE E D11T-21S



SPREADER-THIN D11T-25
AE E D11T-25S



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DIRECTOR OF CLINICAL EDUCATION



Karen Siebert, BSDH, MA, is leading the education initiative at American Eagle Instruments as the Director of Clinical Education. Karen has 8 years of experience as adjunct faculty, teaching all levels of clinical instruction, as well as oral pathology and special needs didactic courses. Karen has been a practicing hygienist her entire career, and has expanded her experiences to include speaking, writing, and instructional design.

With a team of expert Clinical Educators and Instrument Specialists, the AEI education initiative presents science-based, interactive curriculum about game-changing XP Technology instruments, as well as all AEI products that make dentistry better by design. Continuing education hands-on courses, faculty calibration courses, and webinars are available for faculty, students, and practicing clinicians.

Contact education@am-eagle.com to schedule a course for your group.

CLINICAL EDUCATORS

American Eagle Instruments is proud to present our RDH Clinical Educator team. To meet the demand for 'cutting edge'/evidence-based continuing education, AEI is partnering with dental hygiene educators to offer in-office webinars and lecture/hands-on seminars for professional associations, study clubs, dental, and dental hygiene students and faculty. As an approved AGD/Pace continuing education provider, AEI is committed to meeting the highest standards for continuing education programming. If you would like to schedule a webinar, hands-on course or lecture, please e-mail us at education@am-eagle.com or call 800-551-5172.

INSTRUMENT SPECIALISTS

In support of our sales team, AEI has formed a group of practicing RDHs who are ready to share their clinical expertise. These RDH Instrument Specialists are available to support continuing education events, office visits, and other special events in the dental industry. As brand ambassadors for American Eagle Instruments, Instrument Specialists will bridge many needs across the dental industry.

PROVIDING CE CREDITS

American Eagle Instrument's philosophy to provide the highest level of customer service made creating a team of clinical educators a natural fit. Experienced RDH clinicians offer AGD/PACE accredited continuing education courses and webinars supporting practitioners with a range of practical clinical topics. Hands-on courses are the cornerstone of the program, offering clinicians the chance to apply what they learn right in class. Didactic programs are available for large groups, and webinar distance learning is available for maximum flexibility. Webinars are live, discussion based courses that personalize the learning experience and range from 1-2 credit hours. If you are interested in the full course descriptions for the following courses, or if you would like to schedule a course, please contact us at 800-551-5172 or marketing@am-eagle.com



COURSE MENU

Hands-on Instrumentation 2-4 CEU

- Talon Tough Stainless Steel &/or XP Technology sharpen-free instrumentation

Take the OUCH out of Hand Scaling 2 CEU (didactic) o Ergonomic advancements for practice

- Scaling and advanced scaling technique

COMING SOON:

Outsmarting the Bugs: Top-notch Patient Care and Periodontal Disease Prevention 2-3 CEU

- Emphasis on patient assessment and treatment planning
- EBD treatment modalities for: o Prevention
- Active disease o Maintenance

WEBINAR MENU

Instrument Reprocessing: Preserving the life of instruments CDC style **1 CEU**

The Dangers of Retipping: What are the alternatives? **1 CEU**

Instrumentation Trends: The Future Has Arrived! **1 CEU**

EDUCATOR/STUDENT MENU

Instrumentation Trends:

The Future Has Arrived in Dental Hygiene Education!

1-2 CEU Webinar OR Live Presentation

Clinical Calibration Among Dental Hygiene Faculty A Hands-on Calibration Experience

2 -4 CEU, Customized to your needs



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INSTRUMENT GUIDES

For more information on our instruments, please refer to one of our Instrument Guides!

Please look for our other instrument guides, coming soon:

- Diagnostic Instrument Guide
- Composite Instrument Guide



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See all Implant Instruments listed on page 28.

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– Prof. Dr. Abelardo Báez Rosales, DDS, MS



See all XP Technology composite instruments listed on pages 42-44.



“I have to tell you I am totally in love with these instruments!!! I used the Double Gracey Posterior and the M23 Thin. **Both instruments worked as if they were talking to each other!!** If I could feel calculus but couldn't reach it with one instrument, I certainly picked it up with the other. Both of these instruments are feather-

light; there was zero hand fatigue, AND the patient said he felt no discomfort as I worked. AND no tissue damage. I was in Heaven!!! Thank you, American Eagle!!!”

– Susan Pannella Burzynski, RDH, MEd, FAADH



See pages 19 and 20 for information on the Double Gracey line and page 24 for more information about the M23 Thin.



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