

Innovate with Premier®



Premier® Instruments

Every procedure you perform shapes how your patients feel about you. That's why we engineer solutions you can count on to deliver reliable results every day.

new! PremierAir™ Single-end Explorers and Probes

Instruments

| Instrumente | Instrumentos | Instruments |

Diagnostic

Page 2-11

| Diagnose | Diagnóstico | Diagnostiques |

Hygiene

12-24

| Hygiene | Higiene | Hygiène |

Operative

25-44

| Restorative Zahnheilkunde | Operatorio | Opérateiros |

Endodontic

45-50

| Wurzelbehandlung | Endodoncia | Endodontiques |

Perio/Oral Surgery

51-81

| Parodontal-/Kieferchirurgie | Periodoncia/Cirugía oral

| Chirurgie parodontale et buccale |

Cassettes and Instrument Care

81-82

| Pflege der Kassetten & Instrumente | Cassettes y mantenimiento de instrumentos

| Cassettes et soin des instruments |



Premier's state-of-the-art instrument plant is located in Philadelphia, PA USA.

Diagnostic

| Diagnose | Diagnóstico | Diagnostiques |

Explorers

Page 3-4

| Sonden | Exploradores | Sondes exploratrices dentaires |

Mirror Handles

4

| Mundspiegelgriffe | Mangos de espejo | Manches à miroirs |

Probes

5-9

| Sonden | Sondas | Sondes |

Dressing Pliers

10-11

| Zahnärztliche Pinzetten | Pinzas | Pincas à pansement |

Explorers | Sonden | Exploradores | Sondes exploratrices dentaires |
available in economical 12-packs, where indicated

Double-end



CF 2 • 1003522 CF 2XT • 1003119 OCT 2 • 1003502 PremierAir CF 2 • 1003564
CF 2 12-PK • 1003963



CF 2CH • 1003528



CF 3CH • 1003527 PremierAir CH3 • 1003563
CF 3CH 12-PK • 1003965



CF 5 • 1003523 CF 5XT • 1003120 OCT 5 • 1003503 PremierAir 5 • 1003560
CF 5 12-PK • 1003964



CF 6 • 1003524



CF 6/23 • 1003526 OCT 6/23 • 1003506 PremierAir 6/23 • 1003565



CF 11/12 • 1003529



CF ODU-H 11/12 • 1003549 PremierAir OD 11/12 • 1003562



CF TU 17/23 • 1003509 PremierAir TU 17/23 • 1003566



Cavity Finder™ (CF)
7/32" Round



Octagon (OCT)
3/16" Octagonal



PremierAir™
Probes & Explorers
11mm diam., 12g

Cavity Finder™ Explorer • Improved tactile sensitivity via multi-piece construction.
• Thin, yet sharp and durable tips.

| Sonden | Exploradores | Sondes exploratrices dentaires | **Explorers**
available in economical 12-packs, where indicated



Single-end



CF 6 • 1003512 CF 6XT • 1003116 OCT 6 • 1003492 PremierAir CF 6 • 1003553
CF 2 12-PK • 1003963

CF 6L • 1003513

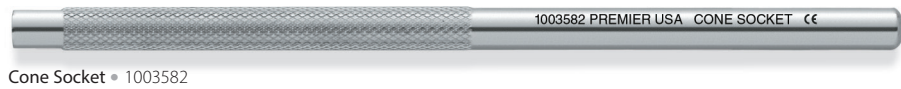
CF 6L-H • 1003511

CF 17 • 1003514

CF 23 • 1003515 CF 23XT • 1003118 OCT 23 • 1003495 PremierAir CF23 • 1003551
CF 23 12-PK • 1003962

PremierAir CF 23XT • 1003552

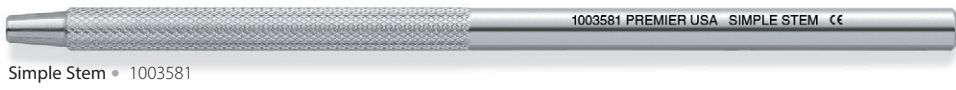
| Mundspiegelgriffe | Mangos de espejo | Manches à miroirs | **Mirror Handles**



Cone Socket • 1003582



Cone Socket with Big Easy™ Handle • 1005115



Simple Stem • 1003581



Simple Stem with Big Easy™ Handle • 1005120

Probes | Sonden | Sondas | Sondes |



Premier® PerioWise® "The Friendly Probe"™

Original 3-5-7-10mm

• 9006107 (3-pack) • 9006102 (6-pack) • 9006105 (12-pack)



3-6-9-12mm

• 9006108 (3-pack) • 9006104 (6-pack) • 9006106 (12-pack)

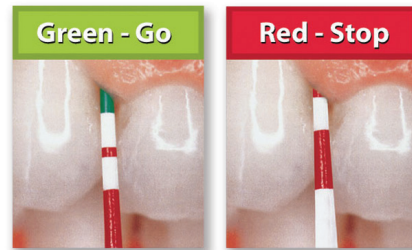
- Slightly flexible for greater patient comfort.
- Clearly visible when using intra-oral camera.
- Safe around implants
- Autoclavable

"Pearls for Your Practice"
Dental Economics - April 2008

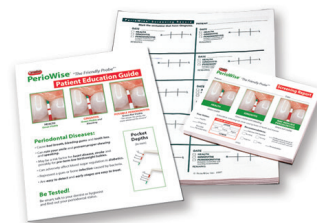
A Fast and Accurate Screening System¹


The patient Screening Report helps with patient education and compliance.

- Ideal for full examination or a quick screening
- Easy-to-read 3mm green band indicates periodontal health
- Reaching a red mark indicates the possible presence of periodontal disease



"Most Highly Rated"*
FREE screening system components available from Premier!





UNC 12

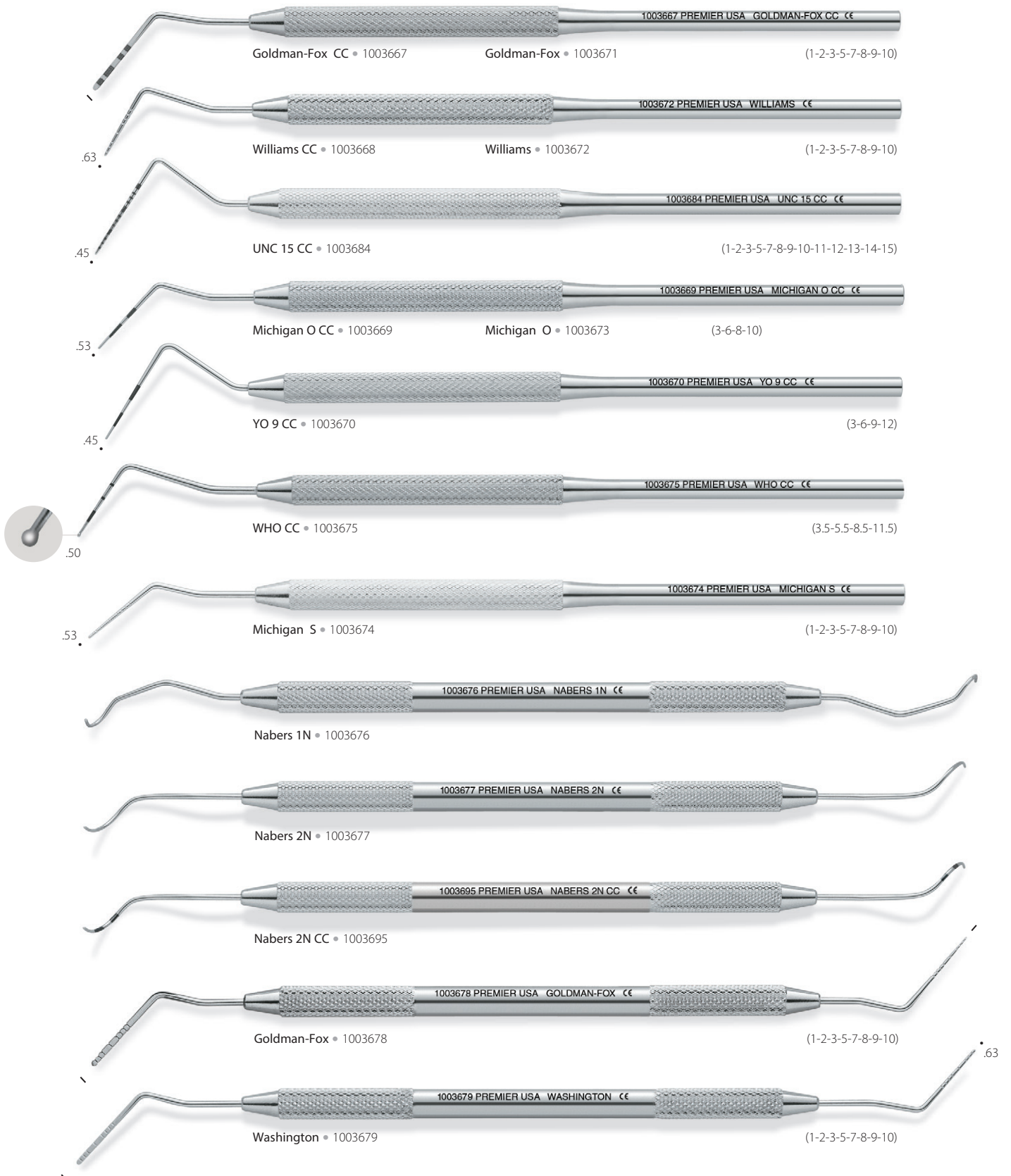
1mm increments up to 12mm

• 9006120 (3-pack) • 9006121 (6-pack) • 9006122 (12-pack)

- Provides precision measuring of pocket depths with markings indicating 1mm increments up to 12mm.
- Ideal for complete periodontal examinations.

Premier® PerioWise®

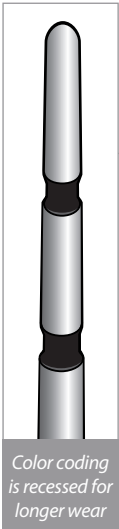
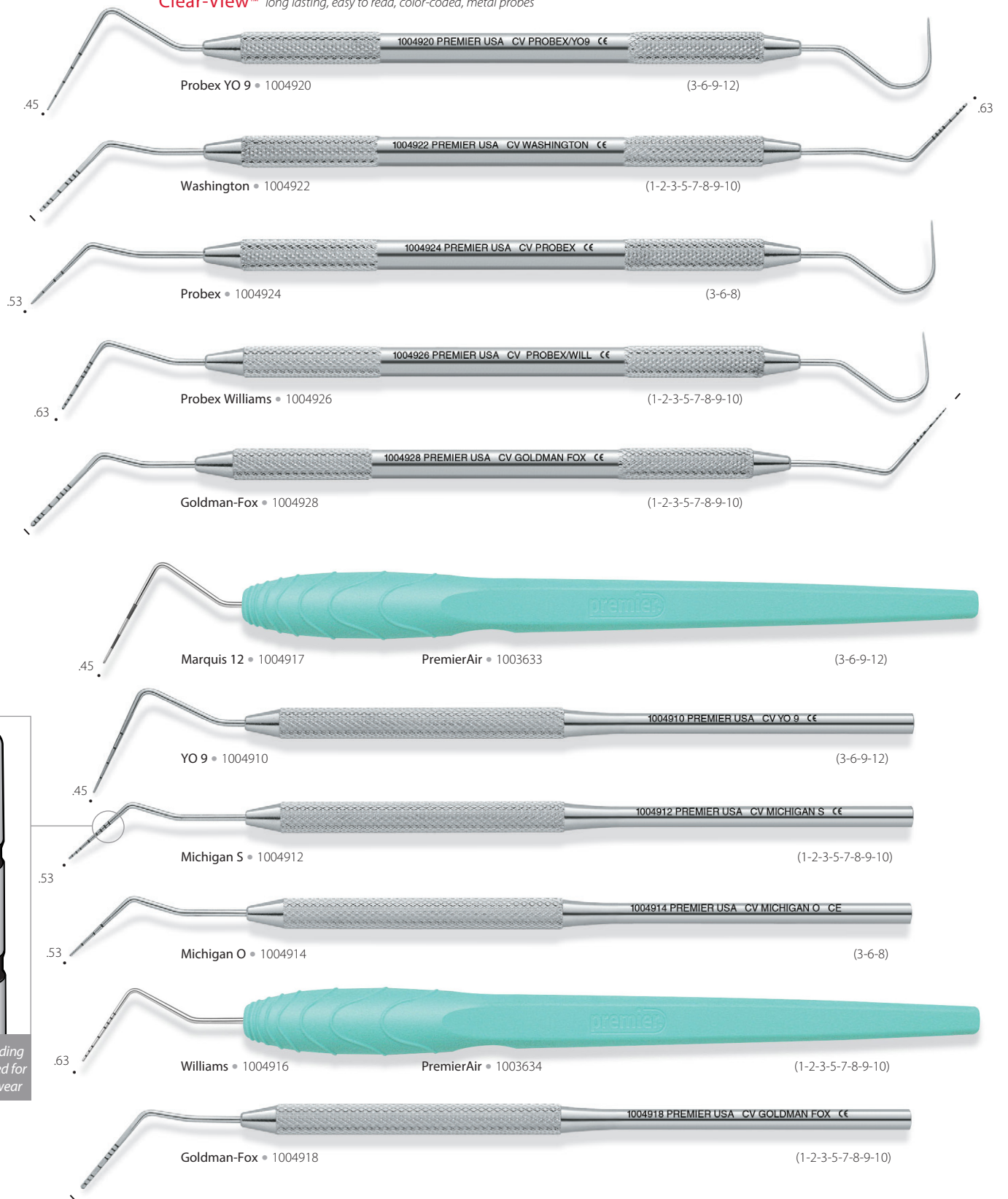
| Sonden | Sondas | Sondes | **Probes**



Tip diameter measurements in millimeters.
CC indicates color coded.

Probes | Sonden | Sondas | Sondes |

Clear-View™ long lasting, easy to read, color-coded, metal probes



| Sonden | Sondas | Sondes | **Probes**

Clear-View™ long lasting, easy to read, color-coded, metal probes

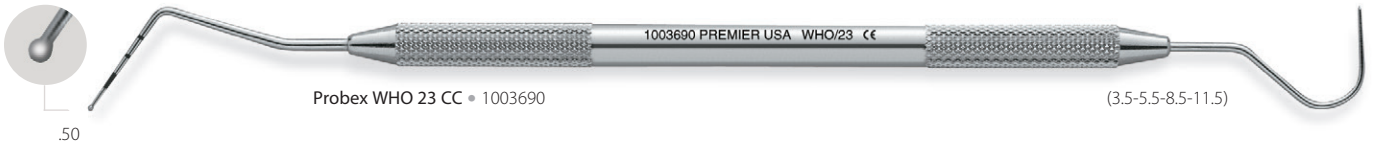
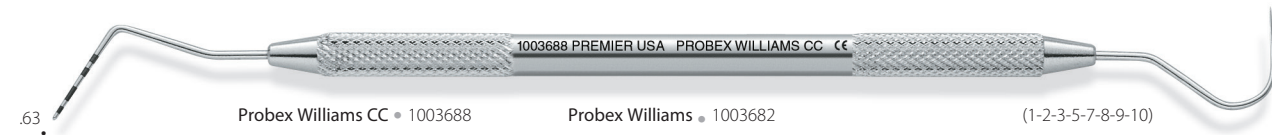
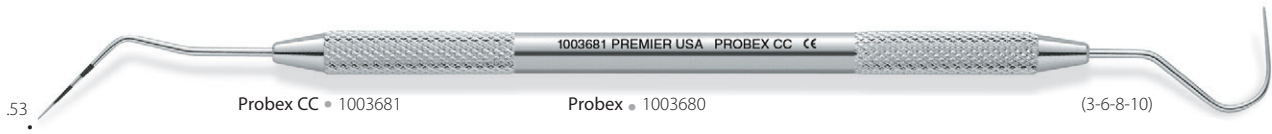


- PremierAir™**
- Better function, less fatigue
 - Comfortable, balanced, ergonomic handle with non-slip grip requires less pressure to maintain control
 - Exceptionally light, rugged polymer handles for a long working life
 - Made to high standards by master craftsmen in the U.S.A.

Tip diameter measurements in millimeters.



Probes | Sonden | Sondas | Sondes |



| Zahnärztliche Pinzetten | Pinzas | Pincas à pansement | **Dressing Pliers**

Dressing



4 1/2" (11.5 cm) • 9085276



5 1/2" (14.0 cm) • 9085278



Adson Dressing 4 3/4" (12.1 cm) • 9085295



Perry • 9065082



College 6" (15.0 cm) • 9065081



Non-Pinch 6" (15.0 cm) • 9065083

Dressing Pliers | Zahnärztliche Pinzetten | Pinzas | Pincès à pansement |



Hygiene

| Hygiene | Higiene | Hygiène |

Scalers

Page 14-16

| Zahnreinigungsinstrumente | Raspadores de sarro | Instruments à détartrer |

Instrument Sharpener

15

| Instrumentenschleifer | Afilador de instrumentos | Affûteur pour instruments |

Curettes

17-23

| Küretten | Curetas | Curettes |

Ultrasonic Inserts

24

| Ultraschalleinsätze zur Zahnsteinentfernung |

| Insertos ultrasónicos | Pointes ultrasoniques |

new! PremierAir™

Hygiene and Diagnostic Instruments

- Comfortable, balanced, ergonomic handle with non-slip grip means less pressure to maintain control and less hand fatigue
- Exceptionally light, rugged polymer handles and tested extensively to ensure a long working life
- Made to high standards by master craftsmen



Hygiene Instruments

- Precision tips made with 440A stainless steel and SmartSharp® Technology keep edges sharp and well defined

Probex and Explorers

- Probes are easy to read and resistant to wear
- Explorers have excellent tactile sensitivity and sharp points for easy detection of tooth texture and surface irregularities

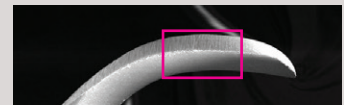
Premier® SmartSharp® Technology

Premier's innovation in sharpening technology allows you to start sharp and work smart:

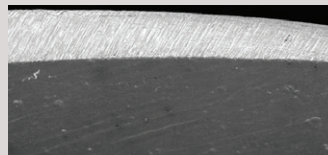
- Easily maintain sharpness – proprietary process ensures a well defined edge you can easily re-sharpen as needed
- Apply less pressure and use fewer strokes – achieve a glass-like tooth surface
- SmartSharp® available on Premier Scalars and Curettes – at no additional cost



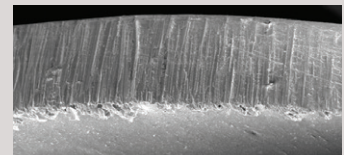
Premier® Instrument Edge



Leading Competitor Edge



A sharp edge ensures a smooth, precise cut with less hand fatigue.



An irregular edge is less efficient and can lead to more hand fatigue.

| Zahnreinigungsinstrumente | Raspadores de sarro | Instruments à détartrer | **Scalers**

Sickle



H6/H7 • BEUL-05621 • BE-1005040 • LT-1004839 • PremierAir-1004689



H5/33 • BEUL-05629 • BE-1005060 • LT-1004838 • PremierAir-1004688



U15/30 • BEUL-05631 • BE-1005065 • LT-1004842 • PremierAir-1004692



U15/33 • BEUL-05633 • BE-1005070 • LT-1004843 • PremierAir-1004693



Morse 0/00 • BEUL-05695



NV1 Anterior • BEUL-05690 • BE-1005850 • LT-1004850 • PremierAir-1004681



NV2 Posterior • BEUL-05691 • BE-1005851 • LT-1004851 • PremierAir-1004682



NV4 • BEUL-05684 • BE-1005854 • LT-1004854 • PremierAir-1004684



Big Easy® Ultralite™ (BEUL)
1/2" diam., 16g



Big Easy® (BE)
7/16" diam.
23g



Light Touch™ Round (LT)
5/16" diam.
21g

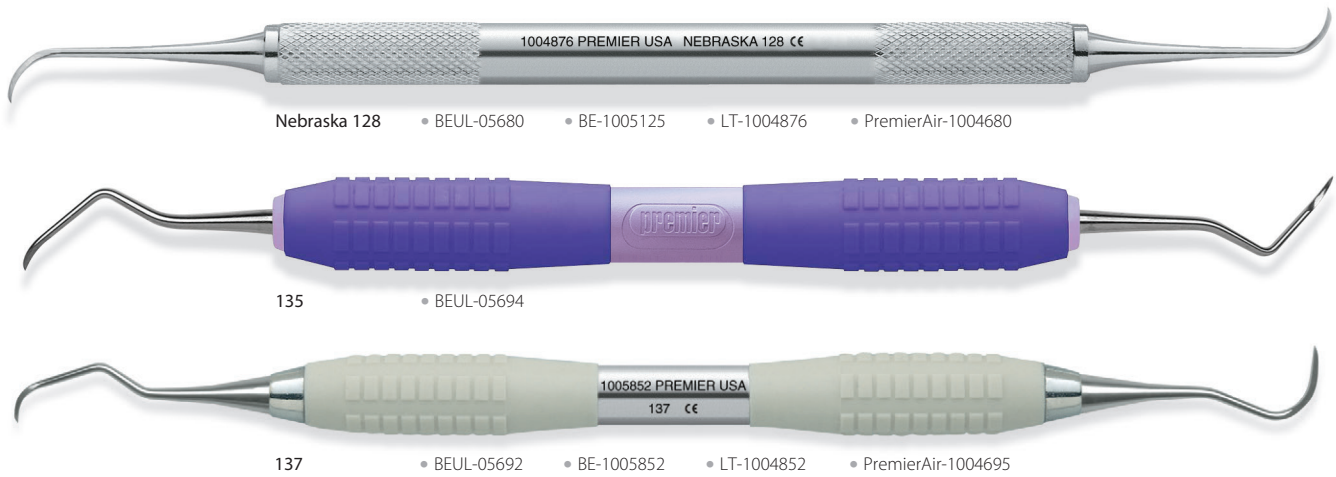


PremierAir™
Scalers & Currettes
11mm diam., 15g

Big Easy - U.S. Patent Number D428,652.
* Big Easy Scalers & Currettes, Townie Choice Awards, 2003.

Scalers | Zahnreinigungsinstrumente | Raspadores de sarro | Instruments à détartre |

Sickle



Instrument Sharpener | Instrumentenschleifer | Afilador de instrumentos | Affûteur pour instruments |

D.I.S.C.™

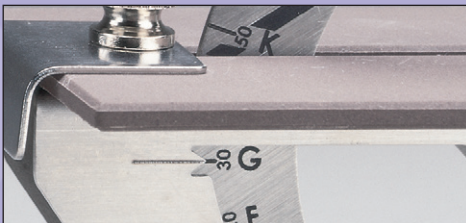
Now, you can quickly sharpen scalers and currettes correctly – without damaging the cutting surface.

9048200 - Autoclavable D.I.S.C. Instrument Sharpener (Metal)

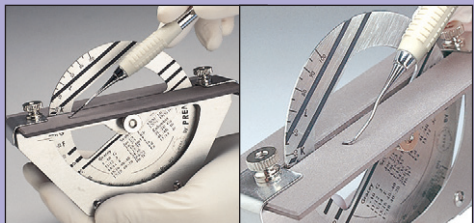
9048093 - D.I.S.C. Replacement Stone

Easy-to-follow instructions for all instruments included with D.I.S.C.

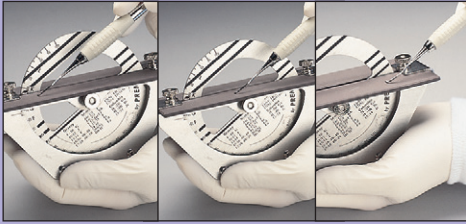
Extend Instrument Life...Enhance Your Efficiency



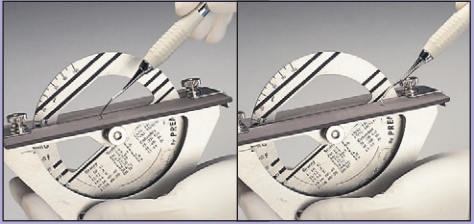
1 Turn the protractor dial to the appropriate dial setting (Example: "G" for any Gracey 1-10).



2 Hold the instrument with the handle parallel to the Instrument Reference Lines. Position the working end towards the center.



3 Keeping the wrist stiff, use a pull stroke with moderate pressure (repeat 5 or 6 times).

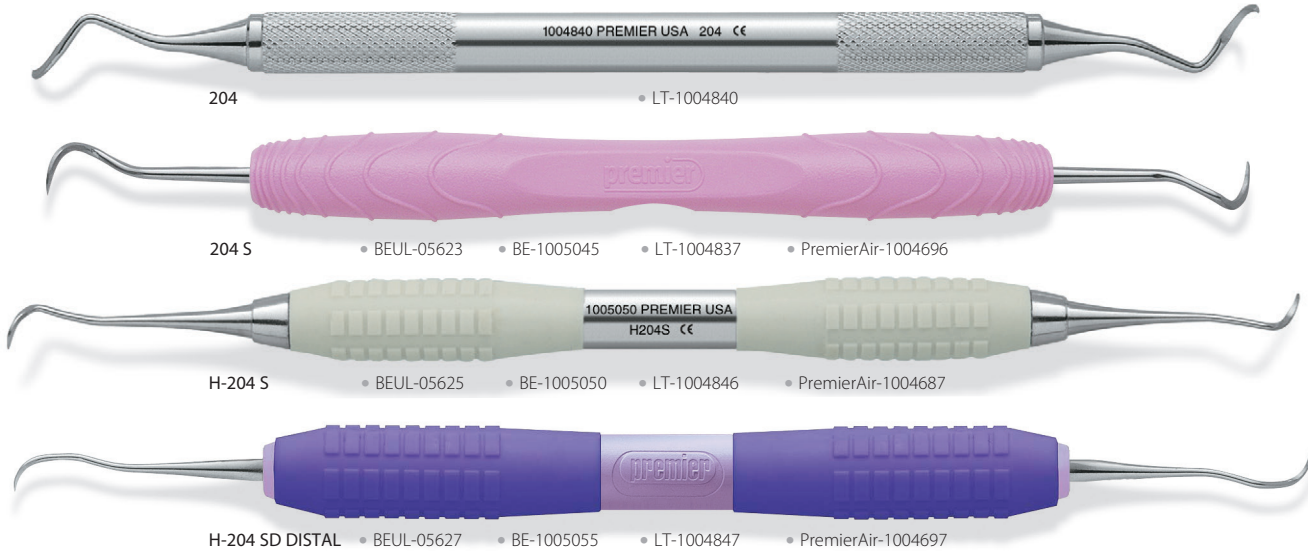


4 On a currette, roll the instrument as you finish your pull stroke to maintain the rounded toe.

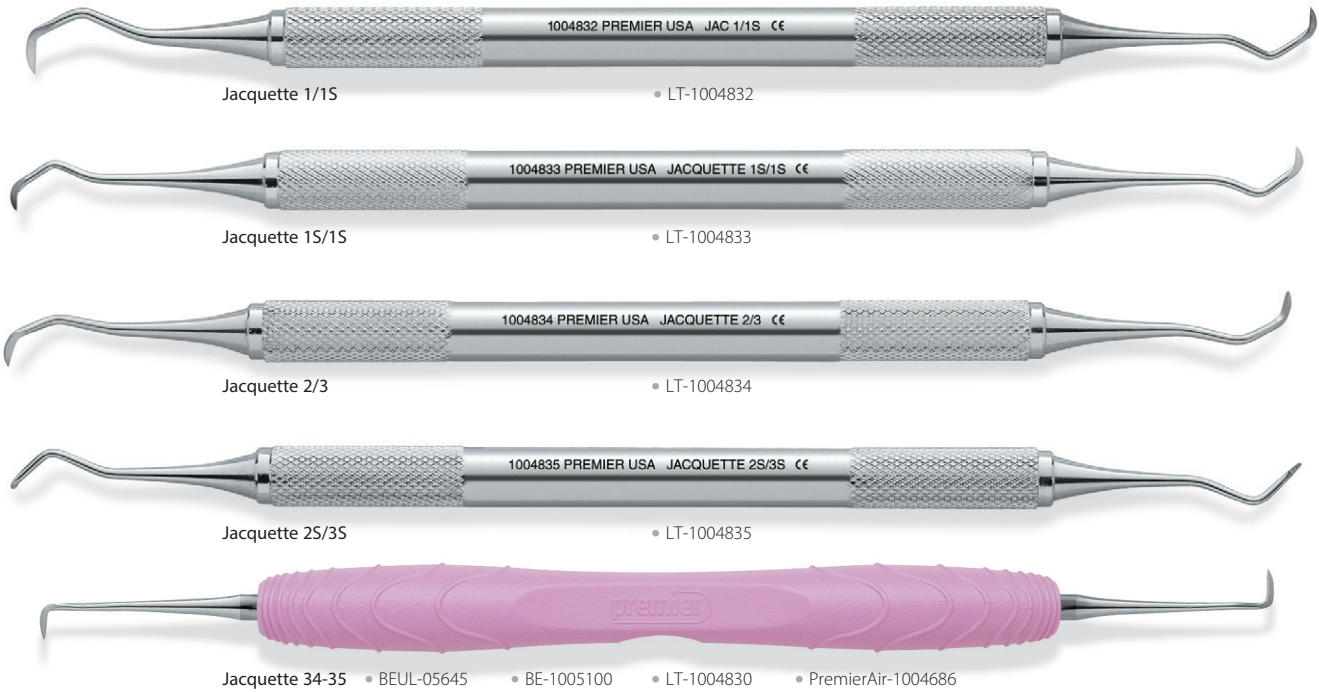
D.I.S.C. Sharpening stones, autoclavable and available separately, never need oil or water as is required with Arkansas stones.

| Zahnreinigungsinstrumente | Raspadores de sarro | Instruments à détartrer | **Scalers**

204 Series



Jacquette



Big Easy® Ultralite™ (BEUL)
1/2" diam., 16g

Big Easy® (BE)
7/16" diam.
23g

Light Touch™ Round (LT)
5/16" diam.
21g

PremierAir™
Scalers & Currettes
11mm diam., 15g

Curettes | Kùretten | Curetas | Curettes |

Columbia



Columbia 2L/2R • BE-1005028 • LT-1004800



Columbia 4L/4R • BEUL-05615 • BE-1005030 • LT-1004801 • PremierAir-1004651



Universal Implant Scaler (Columbia 4L/4R) 2 pack • 9061401
5 pack • 9061400



Columbia 13/14 • BEUL-05617 • BE-1005035 • LT-1004802 • PremierAir-1004652

McCall



McCall 13/14 • BEUL-05635 • BE-1005075 • LT-1004823



McCall 13S/14S • BEUL-05639 • BE-1005085 • LT-1004821 • PremierAir-1004671



McCall 17/18 • BEUL-05637 • BE-1005080 • LT-1004824



McCall 17S/18S • BEUL-05641 • BE-1005090 • LT-1004822 • PremierAir-1004672

Younger-Good



Younger-Good 7/8 • LT-1004875



H Younger-Good 7/8 • BEUL-05693

| Küretten | Curetas | Curettes | **Curettes**

Barnhart



Barnhart 1/2 • BE-1005105 • LT-1004827



Barnhart 5/6 • BEUL-05643 • BE-1005110 • LT-1004829 • PremierAir-1004679

Implant Scalers

- Thin, slightly flexible and safe for use on implants
- Autoclavable (273°F/134°C)



Universal (Columbia 4L/4R) 2 pack • 9061401
5 pack • 9061400



Facial (Goldman-Fox 5) 2 pack • 9061402
5 pack • 9061403



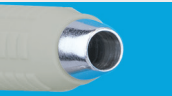
137 Anterior 2 pack • 9061421
5 pack • 9061420



204 Posterior 2 pack • 9061423
5 pack • 9061422



Big Easy® Ultralite™ (BEUL)
1/2" diam., 16g



Big Easy® (BE)
7/16" diam.
23g



Light Touch™ Round (LT)
5/16" diam.
21g



PremierAir™
Scalers & Curettes
11mm diam., 15g

Curettes | Küretten | Curetas | Curettes |

Gracey



Gracey 1/2 • BEUL-05601 • BE-1005001 • LT-1004810 • PremierAir-1004660
Short shank for incisors and cuspids



Gracey 3/4 • BEUL-05603 • LT-1004811 • PremierAir-1004661
Short contra-angle shank for incisors and cuspids



Gracey 5/6 • BEUL-05605 • BE-1005010 • LT-1004812 • PremierAir-1004662
Medium shank for cuspids and molars



Gracey 7/8 • BEUL-05607 • BE-1005015 • LT-1004813 • PremierAir-1004663
Medium contra-angle shank for bicuspids and molars, buccal and lingual surfaces



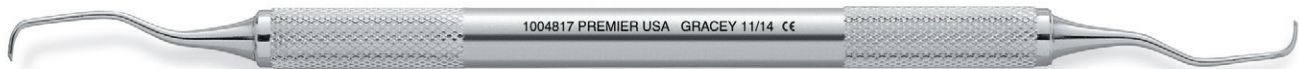
Gracey 9/10 • BEUL-05609 • LT-1004814
Long contra-angled for molars with more acute blade angle



Gracey 11/12 • BEUL-05611 • BE-1005020 • LT-1004815 • PremierAir-1004665
Triple angulation for easy access to buccal/mesial and lingual/mesial surfaces of premolars and molars



Gracey 13/14 • BEUL-05613 • BE-1005025 • LT-1004816 • PremierAir-1004666
Triple angulation for easy access to distal/posterior surfaces of premolars and molars



Gracey 11/14 • LT-1004817
For easy access to a facial or lingual sextant with a single instrument.

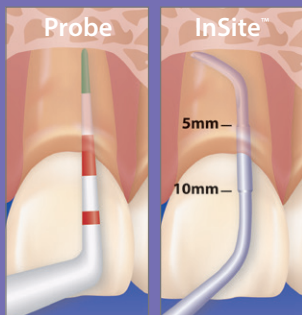
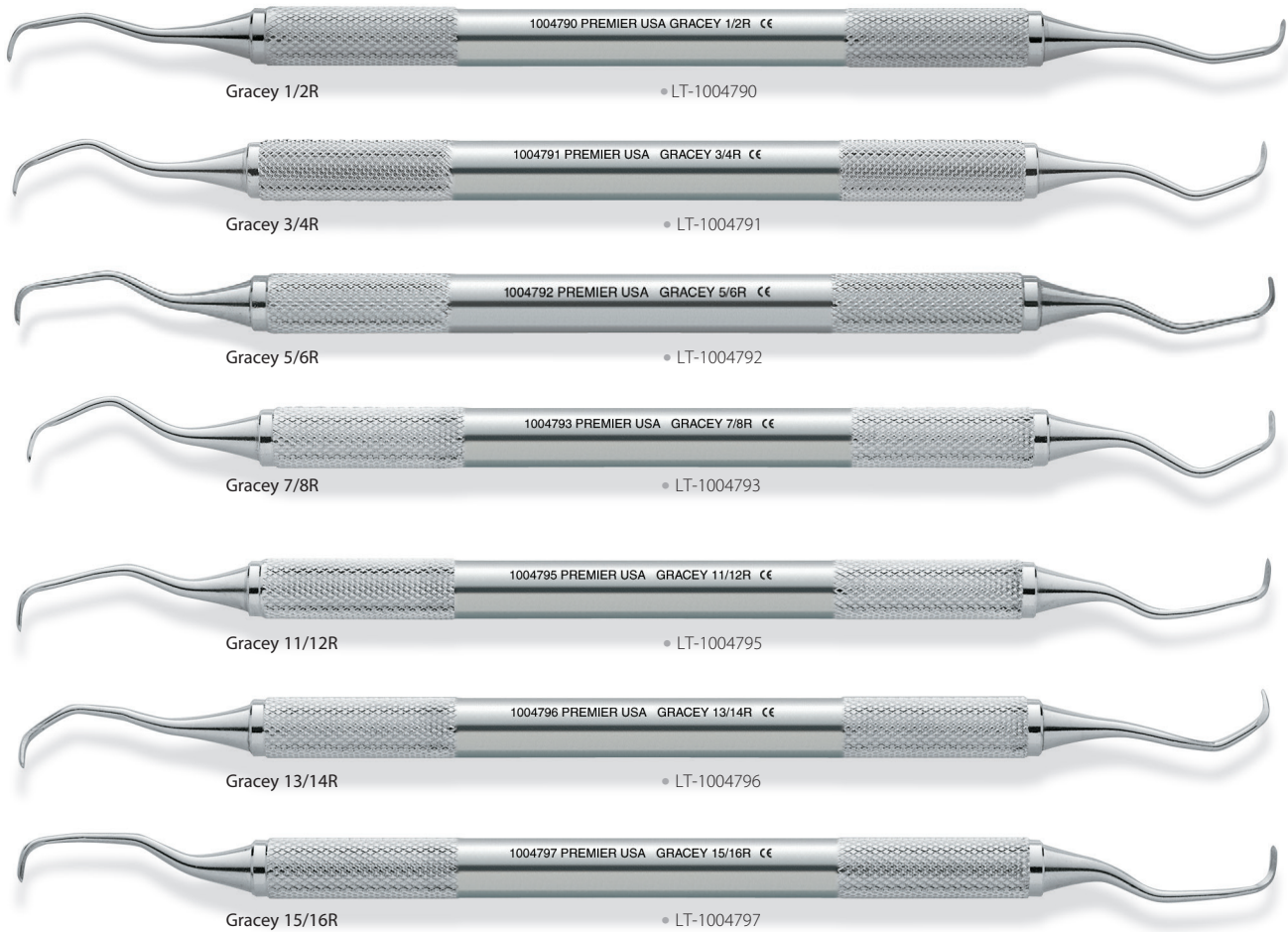


Gracey 15/16 • BEUL-05653 • BE-1005026 • LT-1004819
Angled shank, designed to reach mesial surfaces of posterior teeth



Gracey 17/18 • BEUL-05655 • LT-1004820
Highly angled shank for reaching distal surfaces of posterior teeth

Gracey-Rigid



After probing, InSite™ scalars provide added visual confirmation that you have reached the base of the pocket.

Gracey Variations

Pocket Scalers (PS) and Mini Pocket Scalers (MPS) have a slender and longer terminal shank to provide access into deeper pockets. MPS has the same slender tip design as PS, but with half the blade length. InSite PS and MPS have a depth gauge at 5mm through 10mm offering an excellent visual guide.

Big Easy Ultralite Pocket Scalers (PS) and Mini Pocket Scalers (MPS) do NOT feature the depth gauge found in InSite Scalers

Rigid Gracey designs have a thicker shank than the original Graceys, but are overall slightly shorter for increased strength when removing heavy calculus.



Curettes | Küretten | Curetas | Curettes |

Pocket Scalers



PS 1/2 • BEUL-05660



PS 3/4 • BEUL-05661



PS 5/6 • BEUL-05662



PS 7/8 • BEUL-05663



PS 11/12 • BEUL-05665



PS 13/14 • BEUL-05666



PS 15/16 • BEUL-05667

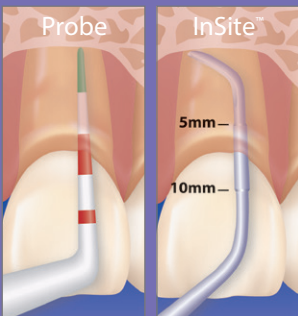
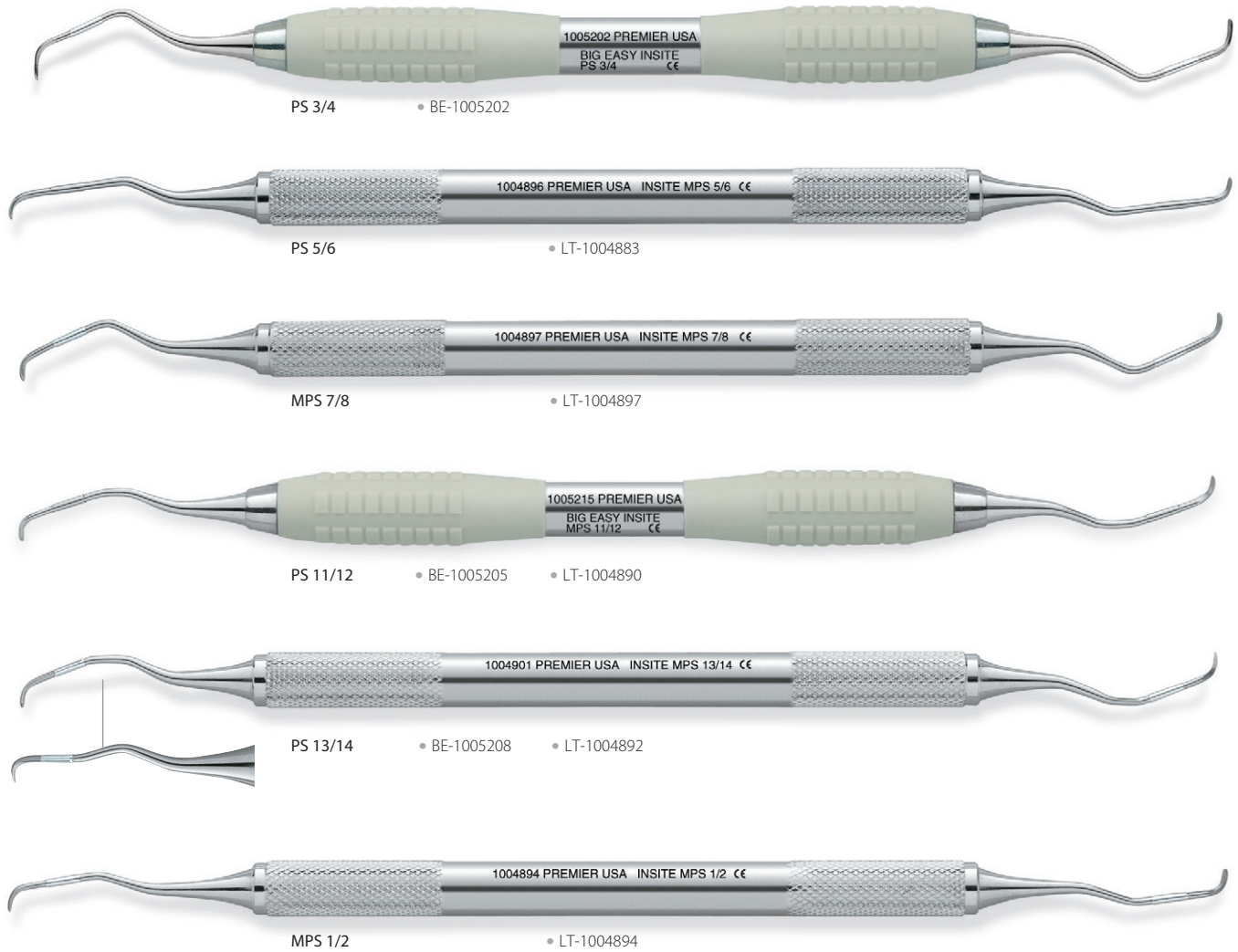
Mini Pocket Scalers



Curettes | Küretten | Curetas | Curettes |



InSite™ Pocket Scalars (MPS designs shown here)



After probing, InSite™ scalars provide added visual confirmation that you have reached the base of the pocket.

Gracey Variations

Pocket Scalars (PS) and Mini Pocket Scalars (MPS) have a slender and longer terminal shank to provide access into deeper pockets. MPS has the same slender tip design as PS, but with half the blade length. InSite PS and MPS have a depth gauge at 5mm through 10mm offering an excellent visual guide.

Big Easy Ultralite Pocket Scalars (PS) and Mini Pocket Scalars (MPS) do NOT feature the depth gauge found in InSite Scalars

Rigid Gracey designs have a thicker shank than the original Graceys, but are overall slightly shorter for increased strength when removing heavy calculus.



BEUL PS BEUL MPS InSite PS InSite MPS Gracey Rigid

Ultrasonic Inserts

| Ultraschalleinsätze zur Zahnsteinentfernung | Insertos ultrasónicos | Pointes ultrasoniques |

Big Easy® Ultrasonic Inserts

Big Easy cushion-grip ultrasonic inserts for improved ergonomic grip and comfort.

- Ergonomically designed large 7/16" diameter for maximum comfort and decreased fatigue
- Compatible with most magnetostrictive handpieces

"Outstanding Products"
Big Easy® Ultrasonic Inserts



Big Easy Ultrasonic Inserts - Universal

• 25K-1005300

• 30K-1005310



Big Easy Ultrasonic Inserts - Triple Bend

• 25K-1005305

• 30K-1005315



Big Easy Ultrasonic Inserts - #100 Thin-tip

• 25K-1005320

• 30K-1005330



Big Easy Implant Ultrasonic Inserts

• 30K-1005336

- Permanently attached PEEK tip will not scratch implants
 - PEEK is considered an advanced biomaterial used in medical implants
 - PEEK is non-abrasive and proven robust for long-lasting insert tips
- Effectively removes biofilm and calculus



Resin Handle Ultrasonic Insert IF-50 - Universal

• 25K-1006800 (orange)

• 30K-1006900 (yellow)



Resin Handle Ultrasonic Insert IF-1000 - Triple Bend

• 25K-1006802 (red)

• 30K-1006901 (purple)



Resin Handle Ultrasonic Insert - #100 Thin-tip

• 25K-1006820

• 30K-1006920

Cleaning/ Sterilization

Inspect, clean, and sterilize prior to each use.

Cleaning: Rinse inserts thoroughly or fully immerse in a mild ultrasonic cleaning solution. Carefully remove gross debris.

Ultrasonic Cleaning: 7-10 minutes - Inserts placed in an ultrasonic cleaning unit. 16-20 minutes- Inserts placed in a cassette.

Note: Care should be taken in placing inserts. Do not place under other instruments or mishandle. Damage to the stack can result - deformed, warped or bent stacks can compromise the function of the insert.

Rinsing: Thoroughly rinse with tap water and dry completely prior to sterilization. Do not use chemical or surface disinfectants. Do not use phenols.

Sterilization: Sterilize using steam autoclave or chemical vapor sterilizer. Follow sterilizer manufacturer's instructions. Sterilize inserts in an instrument cassette or paper pouch in a steam autoclave. Do not sterilize in 100% plastic sterilization pouches. (A combination paper/plastic pouch is acceptable, paper side down.) Steam sterilize for at least 4 minutes at 270°F/132°C or

30 minutes at 250°F/121°C. Do not expose inserts to temperatures above 275°F/135°C or chemical vapor concentrations exceeding manufacturer's recommendations. Do not use Rapid Heat Transfer (Dry Heat) sterilization method.

Do not use cold disinfectant/cold sterilization solutions.

Optimum Performance

- Insert stacks should be straight and parallel at all times. Bent or warped inserts should be discarded.
- Bent and/or worn tips prevent effective operation of the ultrasonic insert and are subject to breakage. Inserts should be replaced when tip-wear reduces size and shape from original condition.
- Water lines to scaler should be flushed and hand-piece should be filled with water prior to use for most efficient results.
- The O-ring should be carefully maintained to ensure the longest possible life. Maintenance includes water lubrication of O-ring as well as proper seating of insert within the hand-piece.
- Damaged or broken (torn) O-rings should be replaced prior to use.

- Inserts are not indicated for use in restorative dentistry applications.

Proper Placement of Replacement O-Rings

Proper placement of O-rings will significantly extend the life of the O-rings and provide better ultrasonic scaling. During installation, the O-ring should be protected from the sharp edges of the insert stack. For 25K inserts, this is the 3/16" x 3/16" x 3.75" dark section of the insert. For 30K inserts, this is the 3/16" x 3/16" x 3.0" dark section of the insert.

- Remove and discard old O-ring.
- Place new O-ring onto a straight drinking straw (1/4" diameter), approximately 1" from the end.
- Slide the straw completely around insert stack, starting with the side of the straw that holds the O-ring.
- Slide O-ring off of the straw and place into appropriate groove. Remove and discard straw.
- Sterilize insert before use.

Make sure you are using the supplied O-rings on your ultrasonic inserts, as other O-rings may not be the appropriate size.

Operative

| Konservierende Behandlung | Operatoria | Operatoire |

Cavity Preparation Instruments Page 26-27

| Schmelzinstrumente | Instrumentos para la Preparación de Cavidades |
| Instruments pour Preparation de Cavité |

Excavators 27-29

| Exkavatoren | Excavadores | Excavateurs |

Amalgam Carriers/Guns 30

| Amalgan-Träger /Pistolen | Porta amalgamas | Porte-amalgames/seringues à amalgame |

Applicators 31

| Applikatoren | Aplicadores | Applicateurs |

Cord Packers 31

| Fadenstopfer | Empacadores de hilo | Fouloirs pour fil de rétraction |

Pluggers/Condensers 32-33

| Stopfer/Kondensierer | Obturadores/Condensadores | Fouloirs à amalgame |

Carvers 34-36

| Modelliermesser | Talladores | Sculpteurs |

Burnishers 36

| Polierer | Bruñidores | Brunissoirs |

Composite/Plastic Filling Instruments 37-40

| Instrumente für Komposit- und Kunststofffüllungen |
| Instrumentos de obturación para composite y materiales plásticos |
| Instruments pour plombages plastiques/composites |

Composite Instruments 41-42

| Kompositinstrumente | Instrumentos para composite |
| Instruments pour composites |

Crown Removers 42

| Kronenringabnehmer | Removedores de coronas | Arrache-couronnes |

Spatulas 43

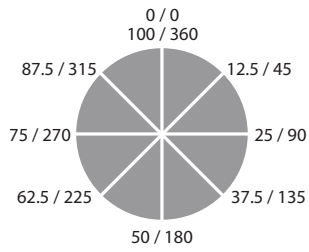
| Spatel | Espátulas | Spatules |

Laboratory Instruments 44

| Laborinstrumente | Instrumentos de laboratorio | Instruments pour laboratoire |

Cavity Preparation Instruments

| Instrumente zur Kavitätenpräparation |
 | Instrumentos para la preparación de cavidades |
 | Instruments pour préparation de cavité |



1st # - Centigrade Scale
 2nd # - Standard Scale

Black's Formula

A standard method used to describe the size, shape and angulation of cavity preparation instruments, created by Dr. Greene Vardiman Black ("the father of modern dentistry").

Hatchets, chisels and cavity prep instruments have 3 measurements: (x, y, z), based on a circular 100° (centigrade) scale, instead of the typical 360° (astronomical) scale.

x= the width of the blade in tenths of millimeters.

y= the length of the blade in whole millimeters.

z = the angle the blade forms with the long axis of the handle.

A fourth number, used on select angle formers and margin trimmers, is placed between the first two numbers (x, a, y, z).

a= the degree of angle for the cutting edge to the long axis of the handle.

Carver - Black



BC 89/92 • 1003240

Chisel



4 • 1003133

Hatchet - Black



BC 8/9 • 1003189

(10-7-14)



BC 51/52 • 1003226

(15-8-12)



BC 53/54 • 1003227

(10-6-12)

Hatchet - California



CC 17/18 • 1003295

(10-6-14)

Cavity Preparation Instruments

| Instrumente zur Kavitätenpräparation | Instrumentos para la preparación de cavidades |
| Instruments pour préparation de cavité |

Margin Trimmer - Black



Margin Trimmer - California



Excavators | Exkavatoren | Excavadores | Excavateurs |

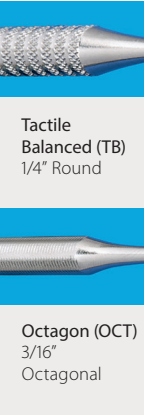
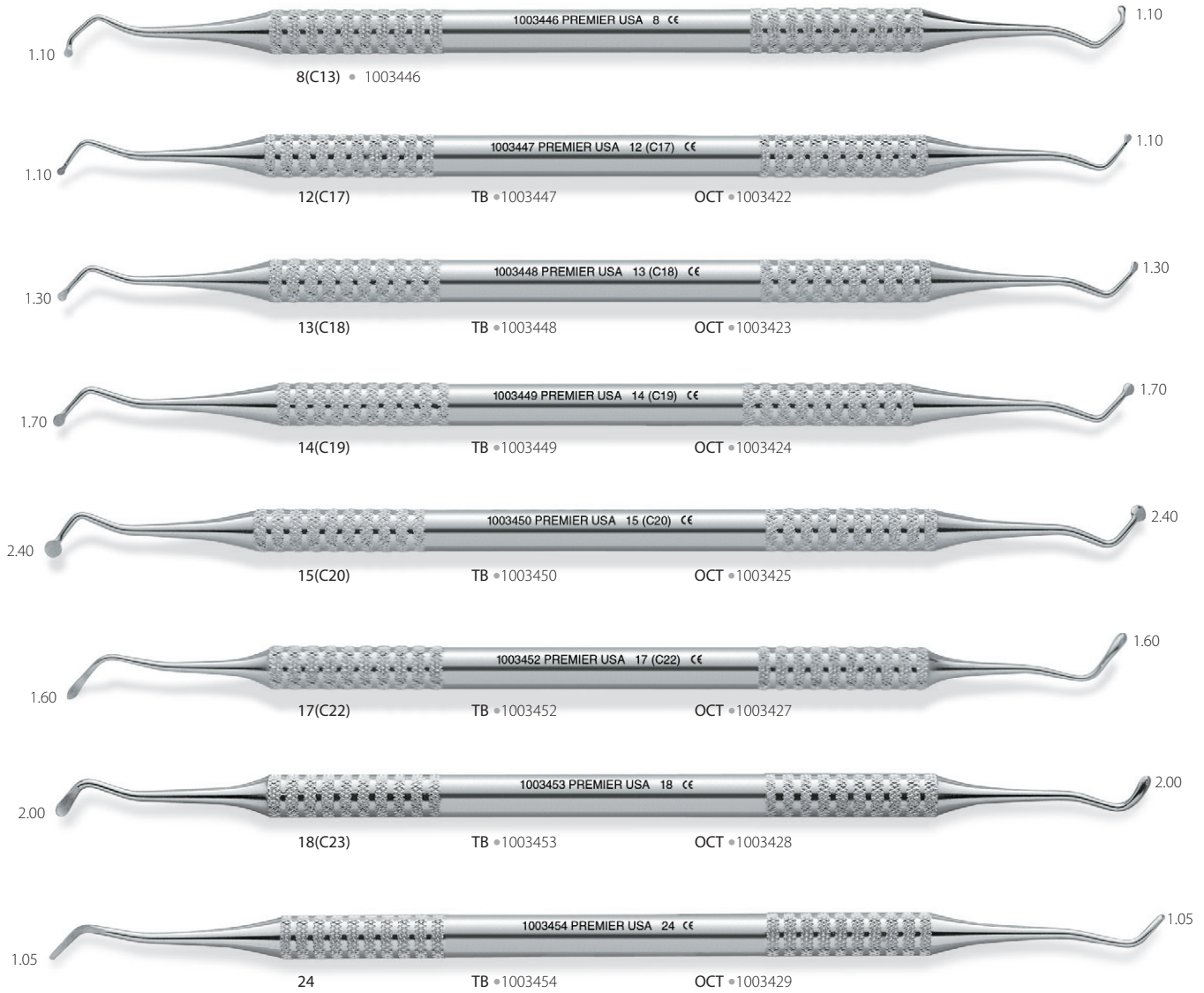
Black



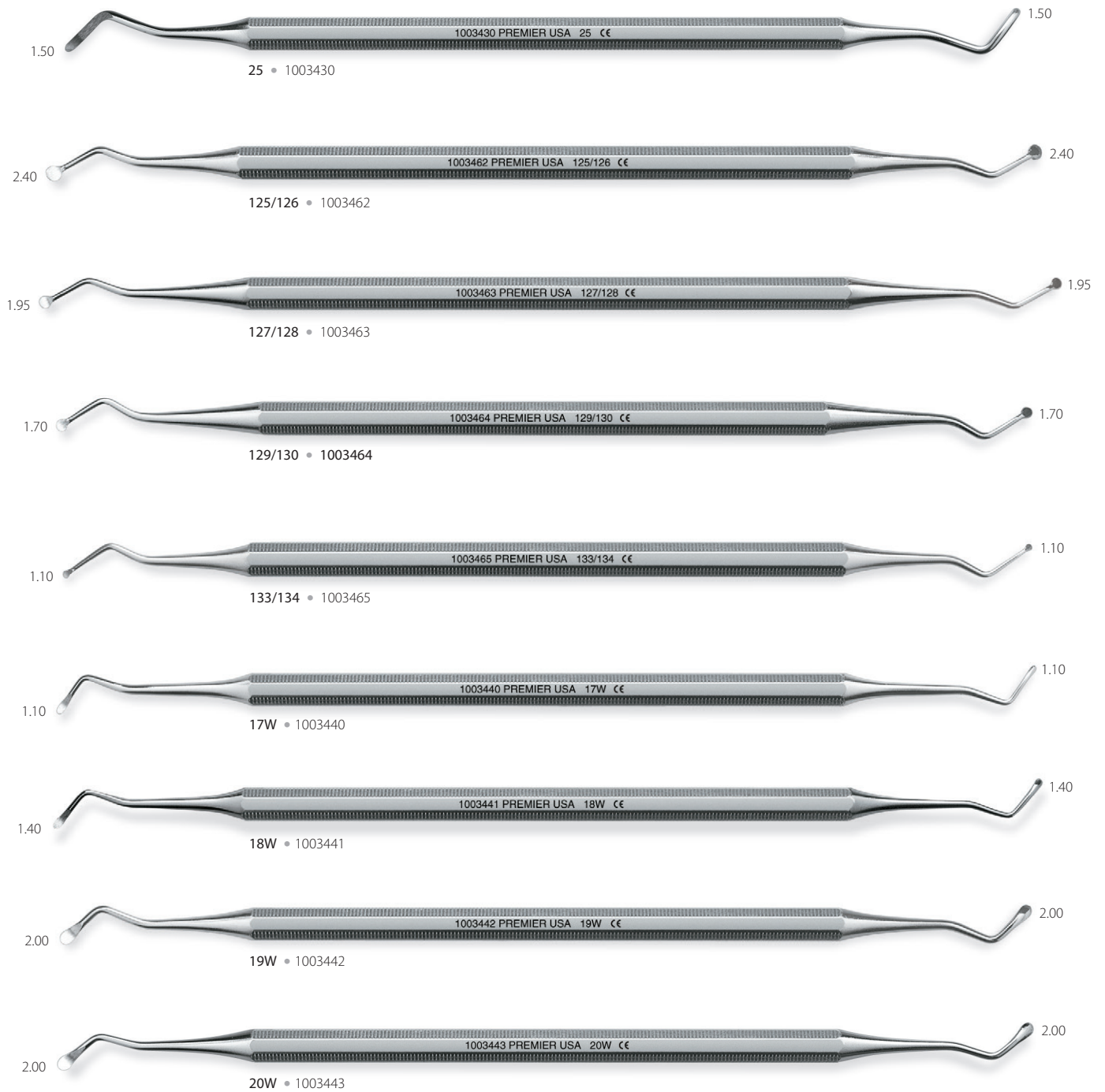
California



| Exkavatoren | Excavadores | Excavateurs | **Excavators**



Excavators | Exkavatoren | Excavadores | Excavateurs |



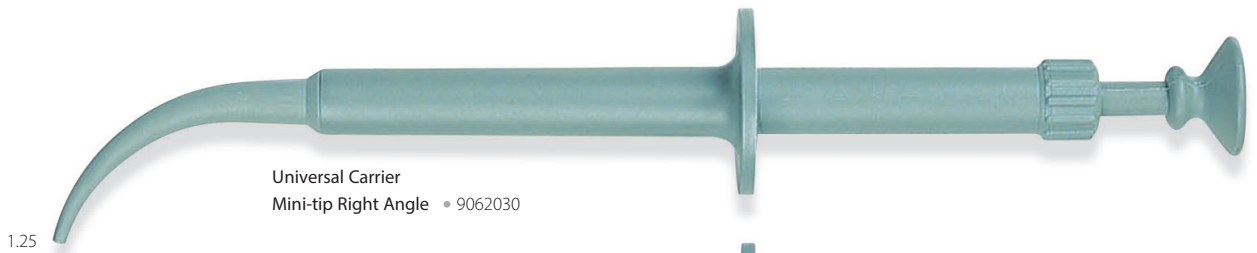
Endodontic Excavators (31LS, 31L, 32L, 33L) available on page 49.

Amalgam Carriers/Guns

| Amalgam-Träger /Pistolen | Porta amalgamas | Porte-amalgames/seringues à amalgame |



Amalgam Carrier DE Regular (2.00mm) / Large (2.75mm) • 9062201
 Also available DE Large (2.75mm) / Jumbo (3.00mm) • 9062202



Universal Carrier
 Mini-tip Right Angle • 9062030



Universal Carrier
 Right Angle • 9062006
 Available to dealer in pack of ten.



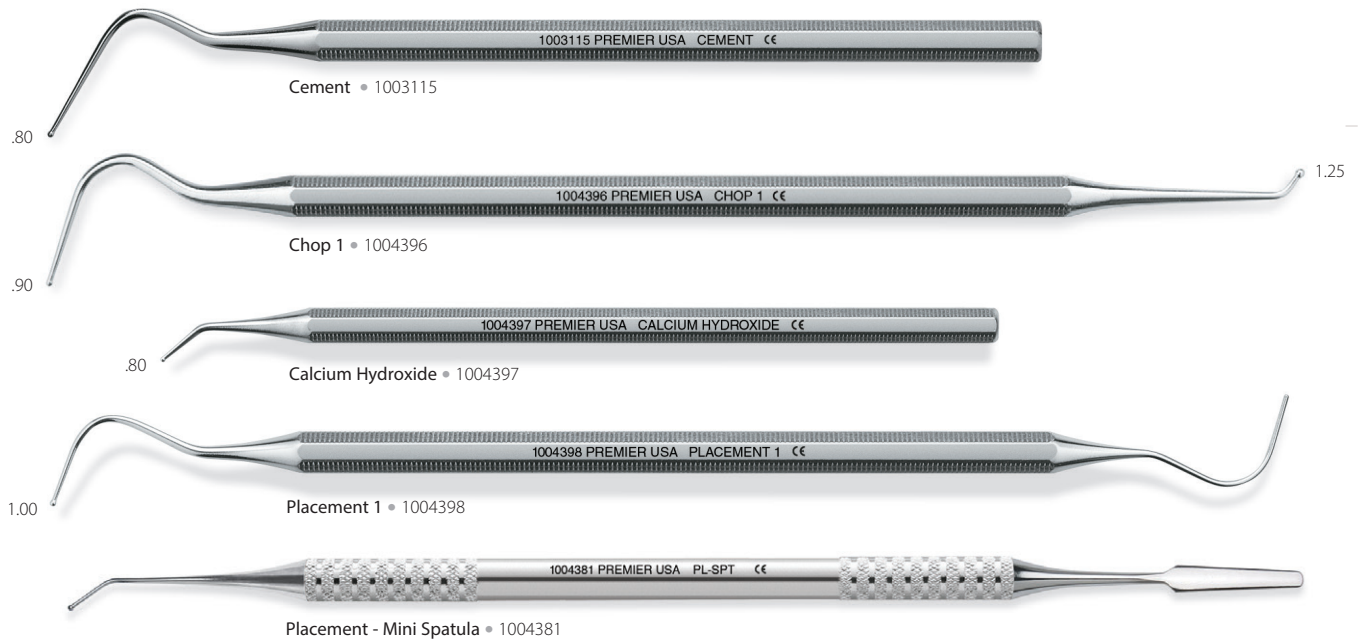
Universal Carrier
 Straight • 9062001
 Available to dealer in pack of ten.

Universal Carriers are unique placement instruments with a sleek design. They enable the operator to transport and place amalgam while minimizing finger fatigue.

REPLACEMENT PARTS FOR UNIVERSAL CARRIERS

Item	Item No.
Universal Carrier Nose Tip Straight	9062011
Universal Carrier Nose Tip Right Angle	9062013
Universal Carrier Plunger Straight	9062015
Universal Carrier Plunger Right Angle	9062017
Universal Carrier Spring (Fits all carriers)	9062021
Mini-plunger Right Angle	9062034

Applicators | Applikatoren | Aplicadores | Appicateurs |



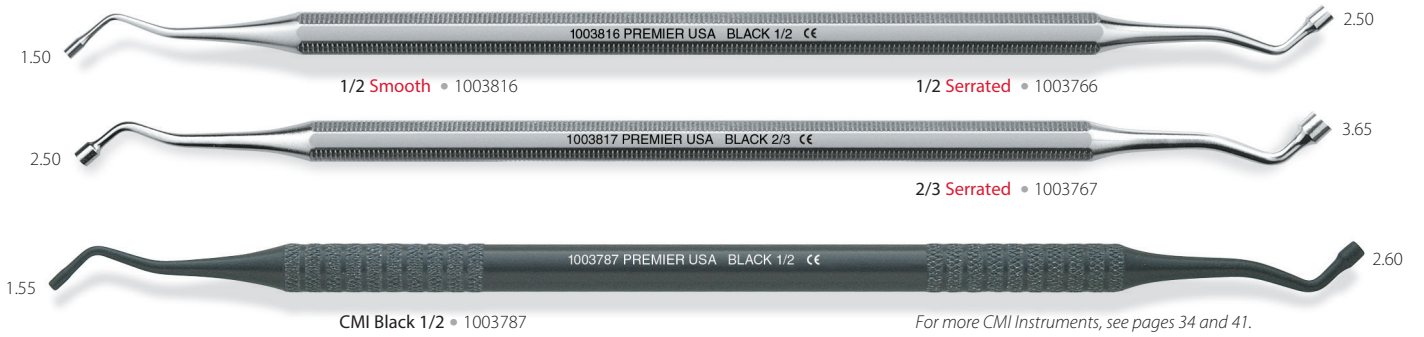
Cord Packers | Fadenstopfer | Empacadores de hilo | Fouloirs pour fil de rétraction |



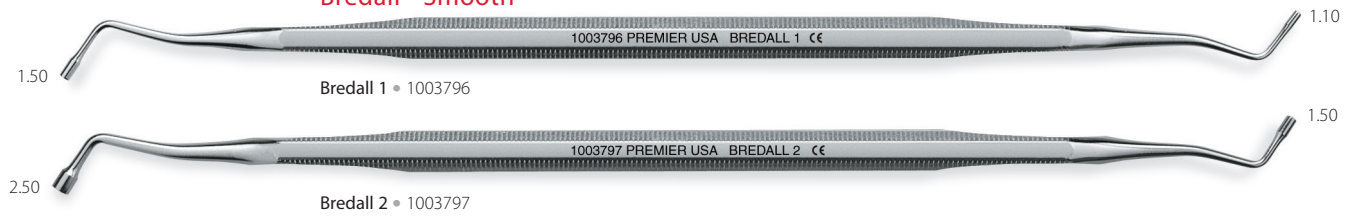
Pluggers/Condensers

| Stopfer/Kondensierer | Obturadores/Condensadores | Fouloirs à amalgame |

Black



Bredall - Smooth

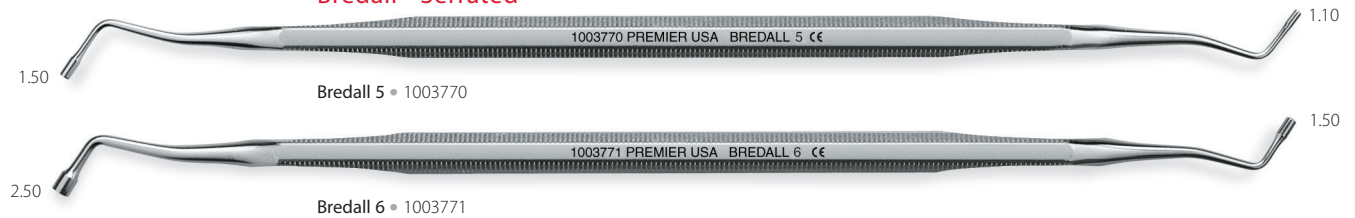


Bredall Pluggers/Condensers have a unique rest.

Condensation pressure is directed to gingival and occlusal areas - not angulated towards the matrix bands. This is especially important when the operator is seated, because the dentist does not have to contort with the instruments to get packing thrust.

Additionally, the patient does not have to open as wide. The angulation does not have to be exaggerated to pack correctly. The finger rest aids in giving better amalgam packing forces.

Bredall - Serrated



Pluggers/Condensers

| Stopfer/Kondensierer | Obturadores/Condensadores | Fouloirs à amalgame |

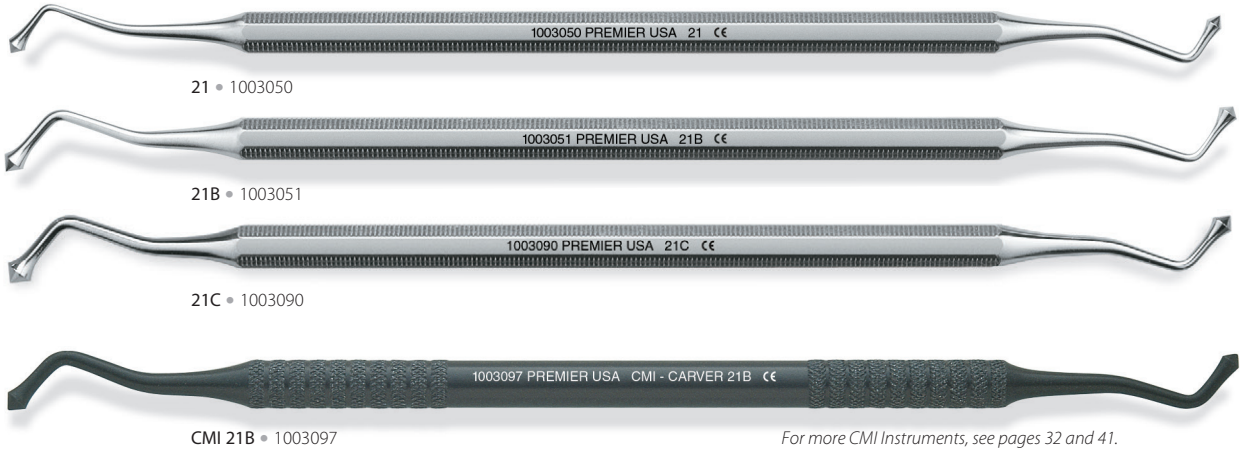
Hollenback



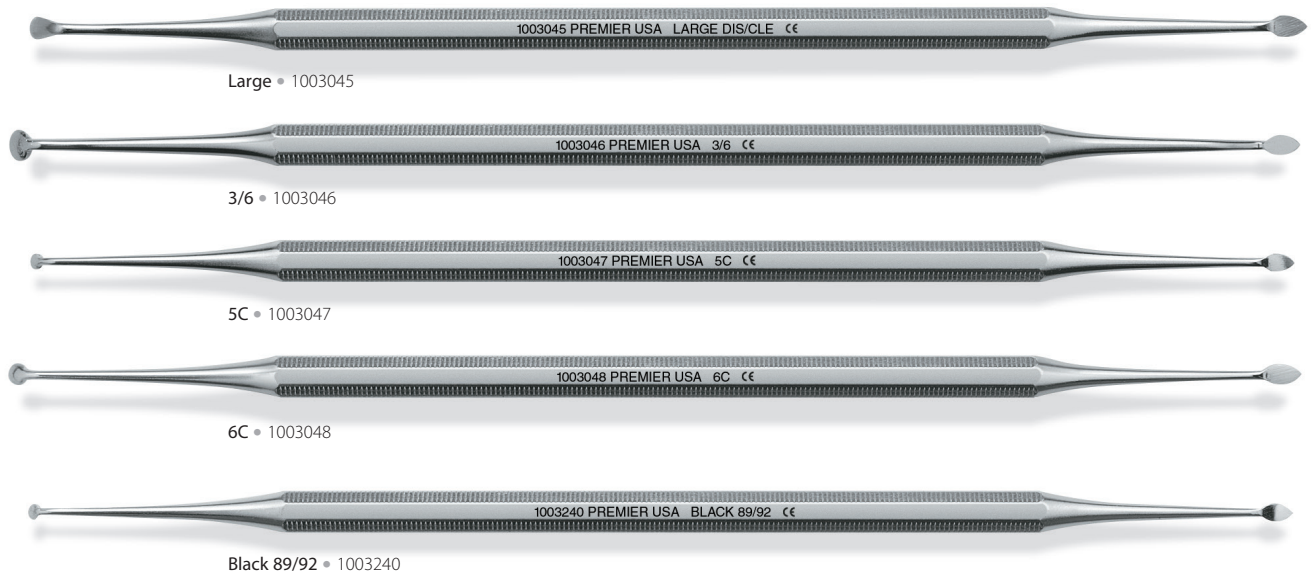
Ward



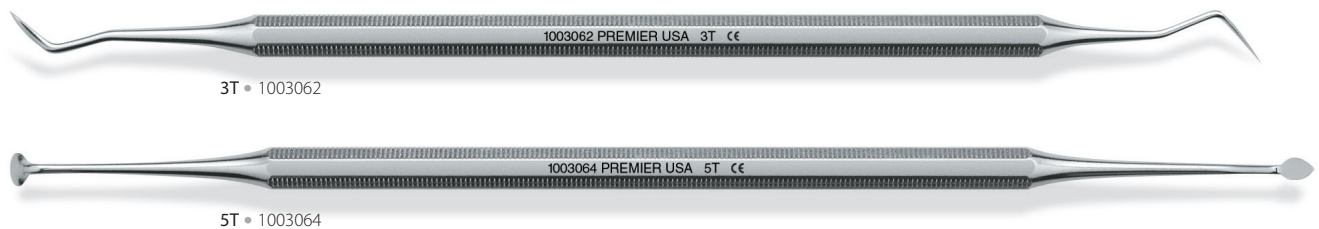
Acorn



Cleoid/Discoïd

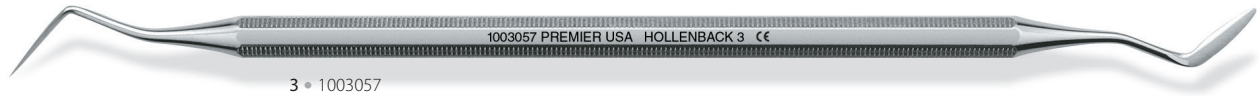


Cleoid/Discoïd - Tanner



Carvers | Modelliermesser | Talladores | Sculpteurs |

Hollenback



Ward



technique tip



IPC Carver

Thin, flexible blades allow for easy placement and shaping. Dip in bonding agent to avoid composite sticking.

Interproximal



| Modelliermesser | Talladores | Sculpteurs | **Carvers**



Walls 1 • 1003066



Walls 3 • 1003067



Shooshan A • 1003061



Caulk 5/7 • 1003054

| Polierer | Bruñidores | Brunissoirs | **Burnishers**



2.15
25/26 (PFI 13A) • 1003694



1.25
27/27S (PFI S Ball) • 1003696



1.60
26/27S • 1003027



1.25
27/29 • 1003028



28/29 • 1003029



29/34 • 1003031

Composite/Plastic Filling Instruments | Instrumente für Komposit- und Kunststofffüllungen |
| Instrumentos de obturación para composite y materiales plásticos |
| Instruments pour plombages plastiques/composites |



11 • 1003692



13 • 1003693



13A (Burnisher 25/26) • 1003694



S Ball (Burnisher 27/27S) • 1003696



IPP A • 1003697



156 • 1003737



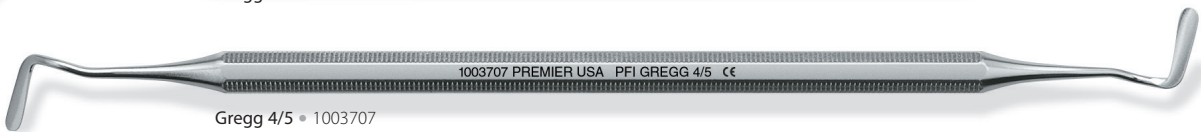
D2 • 1003704



D3 • 1003705



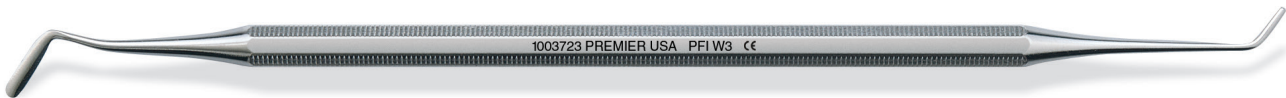
Gregg 2/3 • 1003706



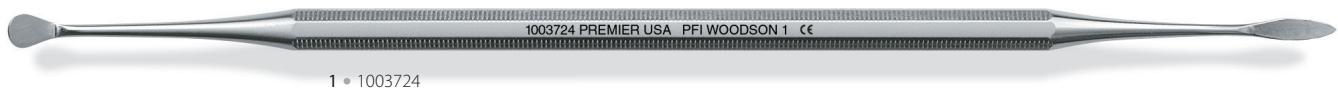
Gregg 4/5 • 1003707

| Instrumente für Komposit- und Kunststofffüllungen | **Composite/Plastic Filling Instruments** |
| Instrumentos de obturación para composite y materiales plásticos |
| Instruments pour plombages plastiques/composites |

Ladmore



Woodson



Composite/Plastic Filling Instruments | Instrumente für Komposit- und Kunststofffüllungen |
| Instrumentos de obturación para composite y materiales plásticos |
| Instruments pour plombages plastiques/composites |

Slix™ Composite Manipulation Instruments

Nonstick - Durable - Ergonomic - Autoclavable

The tips are treated with a revolutionary protective coating that provides superior non-stick properties and a lustrous surface for long lasting esthetic appearance. No more composite sticking; dentists appreciate the easy placement and fast clean-up! The ergonomic handles are manufactured from an advance technology polymer with medical-grade silicone grips. "Surprisingly light"-only 16g - on the largest available handle (1/2" (1.27 cm diameter) to reduce hand fatigue.



11 • 05700



13 • 05701



IPC • 05702



Ladmore 3 • 05703



Woodson 2 • 05704



W3 • 05705

| Instrumente für Komposit- und Kunststofffüllungen | **Composite/Plastic Filling Instruments**
| Instrumentos de obturación para composite y materiales plásticos |
| Instruments pour plombages plastiques/composites |



Mini IPC • 05708



Mini 11 • 05706



Mini W3 • 05709



21B Acorn • 05707



Mini S1 • 05710

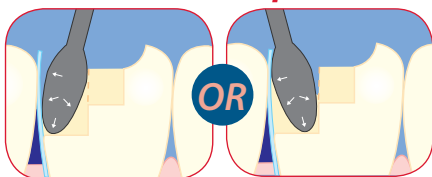
Composite Instruments | Kompositinstrumente | Instrumentos para composite |
| Instruments pour composites |

CCI and CMI Anodized aluminum on CMI and CCI instruments provides even greater lubricity to virtually eliminate composite sticking. The black coating does not abrade to discolor the restoration.

Composite Contact (CCI)

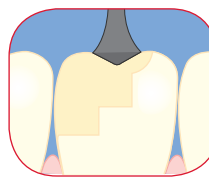


CCI technique



After placing composite into box, insert instrument tip into the composite, torque into position and apply gentle pressure to adjacent tooth for desired positive contact. Light-cure composite, making sure composite is not overfilled to lock in instrument. As recommended by Dr. Brian Wilk.

CMI technique



Acorn Carver (21B) is helpful in establishing anatomical contours, prior to carving.

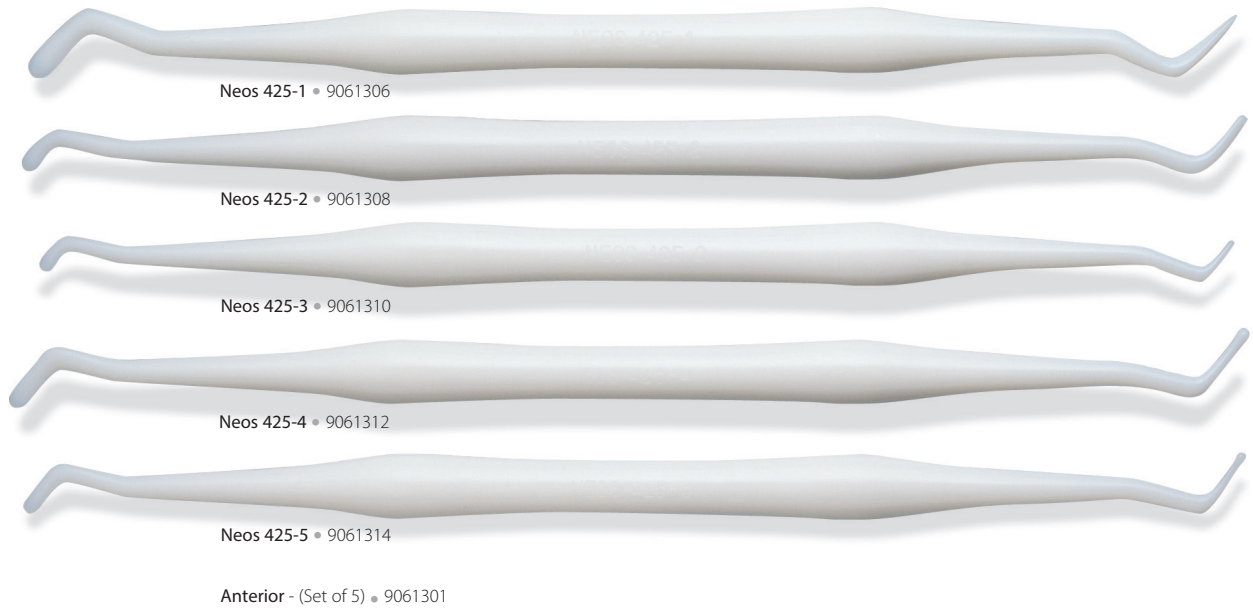
Composite Manipulation (CMI)*



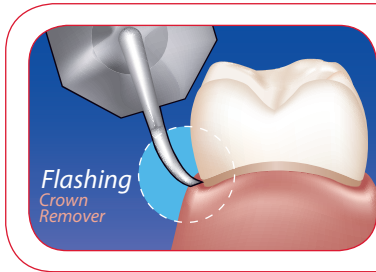
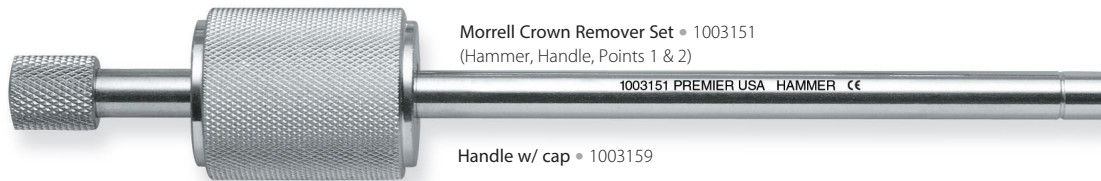
Cleaning/Sterilizing Tips

- Do not mix unlike metals in the same bag.
- Simply wipe off CMIs - do not expose to solutions with pH above 8 or containing iodophors.

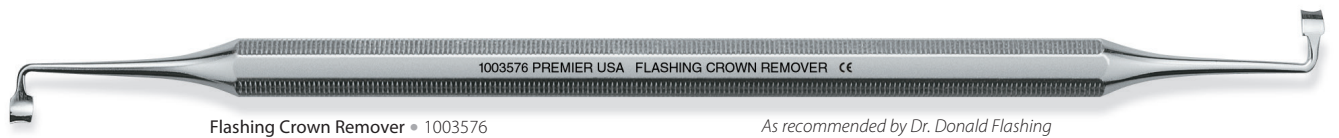
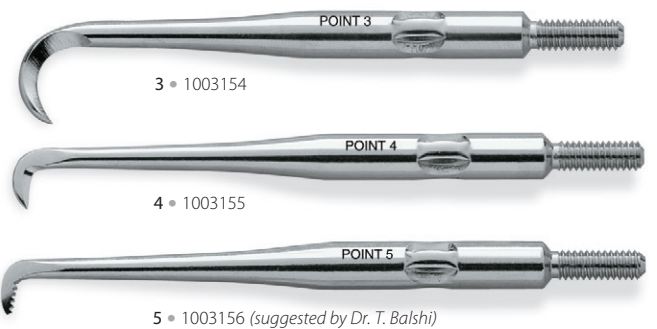
| Kompositinstrumente | Instrumentos para composite | **Composite Instruments** | Instruments pour composites |



| Kronenringabnehmer | Removedores de coronas | Arrache-couronnes | **Crown Removers**



Flashing Crown Remover
Ideal for removing provisionally cemented crowns without damaging margins and is less traumatic to the patient.



Spatulas | Spatel | Espátulas | Spatules |



Placement - Mini Spatula • 1004381



22 • 1004366



24A • 1004368



24 • 1004367



36 • 1004369



CMI 24 • 1004365

For additional CMI instruments, see pages 32, 34, and 41.



313 • 1004370

Wax Spatulas



7 • 1004375



7A • 1004376



7L • 1004377



31 • 1004379

Laboratory Instruments

| Laborinstrumente | Instrumentos de laboratorio | Instruments pour laboratoire |

Wax Instruments - PK Thomas



1 • 1004383



1 • 1004382



2 • 1004384



3 • 1004385



5 • 1004387

Carvers



Roach • 1003086



Vehe • 1003087

Endodontic

| Wurzelbehandlung | Endodoncia | Endodontiques |

Excavators

Page 46

| Exkavatoren | Excavadores | Excavateurs |

Explorers

46

| Sonden | Exploradores | Sondes exploratrices dentaires |

Specialty

46-47

| Spezialinstrumente | Especialidad | Spécialité |

Spreaders

48-49

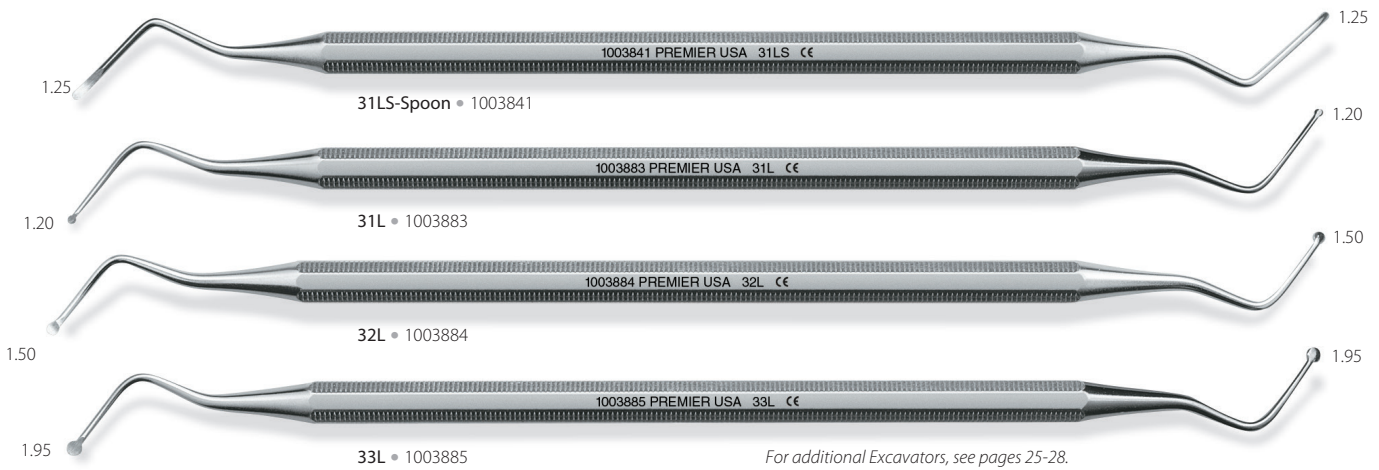
| Spreizinstrumente | Espaciadores | Fouloirs à canaux radiculaires |

Pluggers

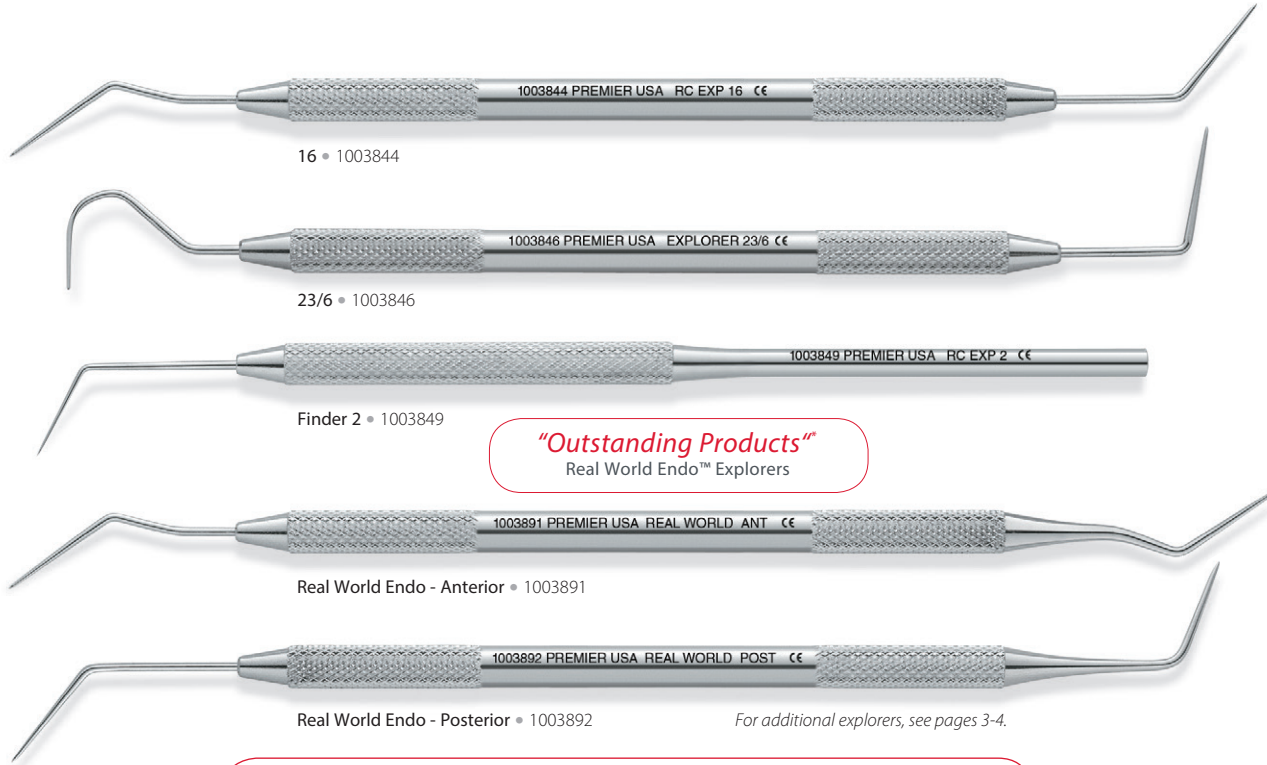
50

| Wurzelkanalstopfer | Obturadores | Fouloirs |

| Exkavatoren | Excavadores | Excavateurs | **Excavators**



| Sonden | Exploradores | Sondes exploratrices dentaires | **Explorers**



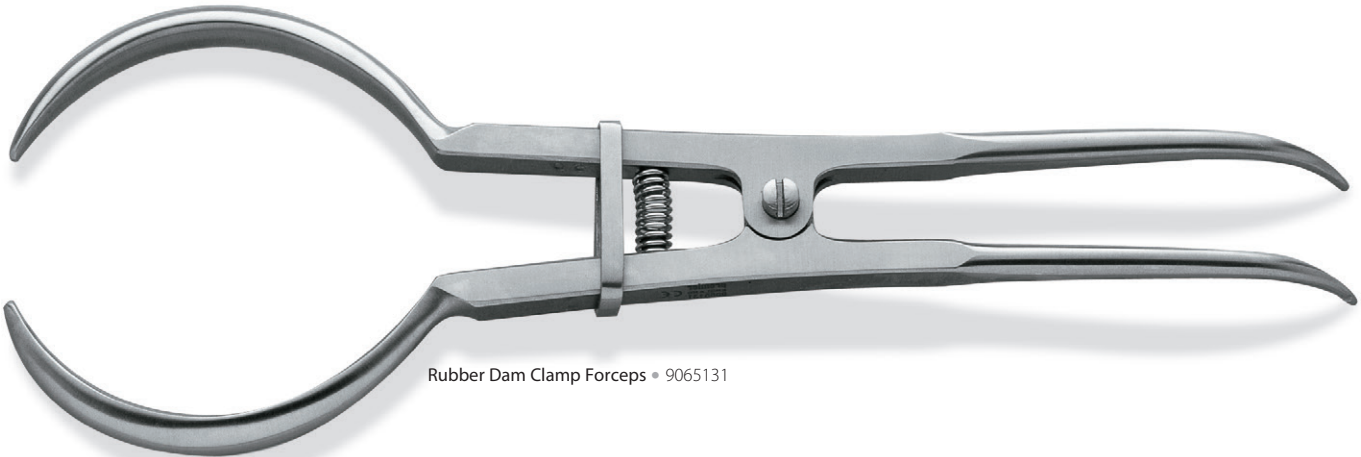
technique tip Real World Explorers have both a delicate tip to locate the canal and a rigid tip to gain access.

| Spezialinstrumente | Especialidad | Spécialité | **Specialty**



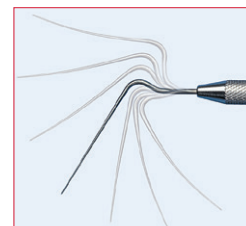
technique tip The Stewart Multi-Purpose Probe has rigid tips to easily locate canal openings.

Specialty | Spezialinstrumente | Especialidad | Spécialité |



| Spreizinstrumente | Espaciadores | Fouloirs à canaux radiculaires | **Spreaders**

Nickel Titanium



The physical properties of Ni-Ti allow these spreaders to negotiate even the most curved canals without being distorted. These instruments have extra flexibility and “memory.”

“Outstanding Products”
Premier® Ni-Ti Spreaders

Spreader Point Size (mm)			
Size	D1	D16	AAE
25, 25S	0.25	0.55	0.25
40	0.40	0.70	0.40
D11	0.30	0.75	
D11T	0.23	0.55	

Stainless Steel



* An independent non-profit dental education and product testing foundation, December 2004.

Spreaders | Spreizinstrumente | Espaciadores | Fouloirs à Canaux Radiculaires |



Spreader Point Size (mm)			
Size	D1	D16	AAE
40S	0.40	0.70	0.40
W1S, W1	0.25	0.55	0.25

| Wurzelkanalstopfer | Obturadores | Foulours | **Pluggers**



NC 1/3, NC 5/7 and NC 9/11 have 5,10,15 mm markings, as suggested by Dr. Noah Chivian.

Root Canal Plugger Size (mm)		
Size	D1	D16
7S	0.50	0.80

Perio/Oral Surgery

| Parodontal-/Kieferchirurgie | Periodoncia/Cirugía oral | Chirurgie parodontale et buccale |

Scissors	Page 52-56
Scheren Tijeras Ciseaux	
Hemostats	57
Arterienklemmen Pinzas hemostáticas Pincas hémostatiques	
Needle Holders	58-60
Nadelhalter Portaagujas Porte-aiguilles	
Tissue Pliers	61
Chirurgische Pinzetten Pinzas de disección Pince à tissu	
Spreaders/Retractors	62
Spreizinstrumente/Wundhaken Abrebocas/Retradores Ouvre-bouches/écarteurs	
Knives	63
Messer Cuchillos Bistouris dentaires	
Periotomes	63
Periotome Periotomos Périotomes	
Elevators - Periosteals	64
Heber-Raspatorien für Parodontologie Periostótomos Rugines raspatoires	
Surgical Curettes	64-65
Chirurgische Küretten Curetas quirúrgicas Curettes chirurgicales	
Files	65
Feilen Limas Limes	
Mallets	65
Hammer Martillo quirúrgico Maillets	
Biopsy Punch	66
Hautstanze Biopsia de piel Poinçon à biopsie	
Rongeurs	67
Hohlmeißelzangen Pinzas gubia Pincas-gouges	
Aspirators	67
Aspirationskanülen Aspiradores Aspirateurs	
Elevators	68-72
Wurzelheber Elevadores Élévateurs	
Forceps	73-80
Zangen Fórceps Daviers	
Cassettes and Instrument Care	81-82
Pflege der Kassetten & Instrumente Cassettes y mantenimiento de instrumentos	
Cassettes et soin des instruments	

Tissue

Gum 1 Straight • 9065106



Gum 2 Curved • 9065107



Quimby Curved • 9065109



Scissors | Scheren | Tijeras | Ciseaux |

Tissue



Goldman Fox • 9065105
Serrated on one blade.



Dean • 9065110



La Grange • 9065115

Tissue

Iris - Curved/Delicate 4½" (11.4cm) • 9085204



Iris - Straight/Delicate 4½" (11.4cm) • 9085200



Mayo - Straight/Blunt 5½" (14.0cm) • 9085218



Scissors | Scheren | Tijeras | Ciseaux |

Suture



Littauer 4 1/2" (11.4cm) • 9085114



Littauer 5 1/2" (14.0cm) • 9085116



Spencer 3 1/2" (8.9cm) • 9085118

Crown and Collar

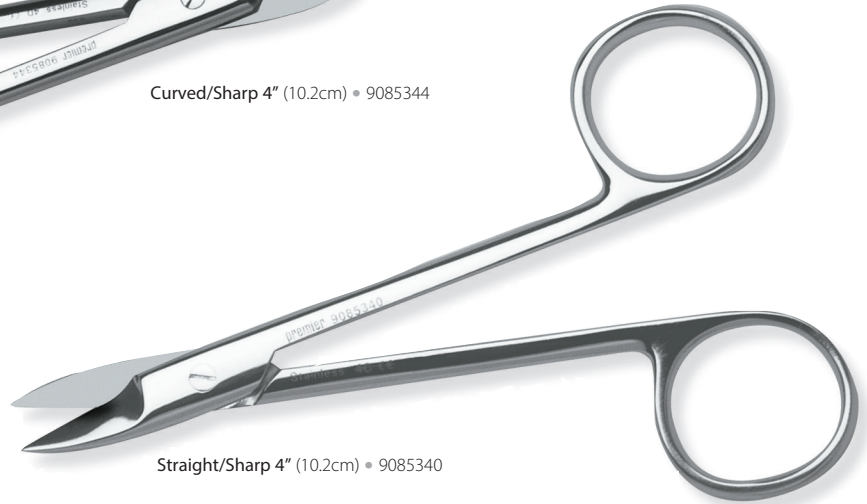
Curved/Sharp 5" (12.7cm) • 9085346



Curved/Sharp 4" (10.2cm) • 9085344



Straight/Sharp 4" (10.2cm) • 9085340



Hemostats | Arterienklemmen | Pinzas hemostáticas | Pinces hémostatiques |



5 1/2" Curved (14.0cm) • 9065129



5 1/2" Straight (14.0cm) • 9065128

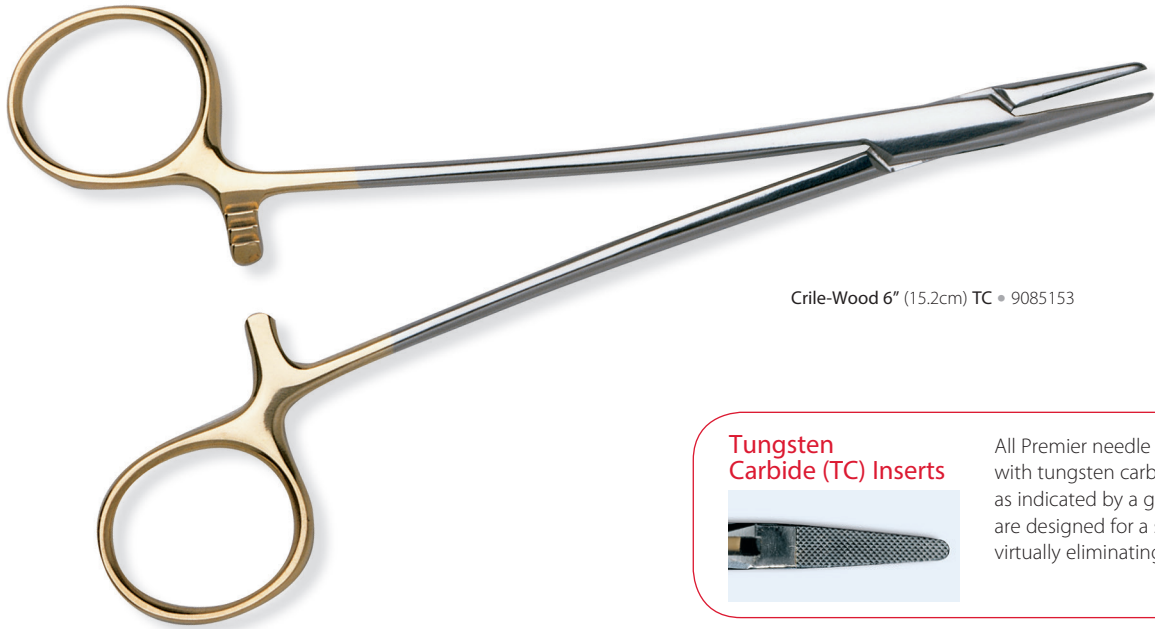


4 3/4" Straight (12.1cm) • 9065126



4 3/4" Curved (12.1cm) • 9065127

| Nadelhalter | Portaaguja | Porte-aiguilles | **Needle Holders**



Crile-Wood 6" (15.2cm) TC • 9085153

Tungsten Carbide (TC) Inserts



All Premier needle holders with tungsten carbide inserts, as indicated by a gold handle, are designed for a superior grip, virtually eliminating slipping.



Crile-Wood 6" (15.2cm) • 9085163



Castroviejo TC • 9085159

Needle Holders | Nadelhalter | Portaagujas | Porte-aiguilles |



Mayo-Hegar 6 1/4" (15.9cm) TC • 9085151

Tungsten Carbide (TC) Inserts



All Premier needle holders with tungsten carbide inserts, as indicated by a gold handle, are designed for a superior grip, virtually eliminating slipping.



Mayo-Hegar 6 1/4" (15.9cm) • 9085162

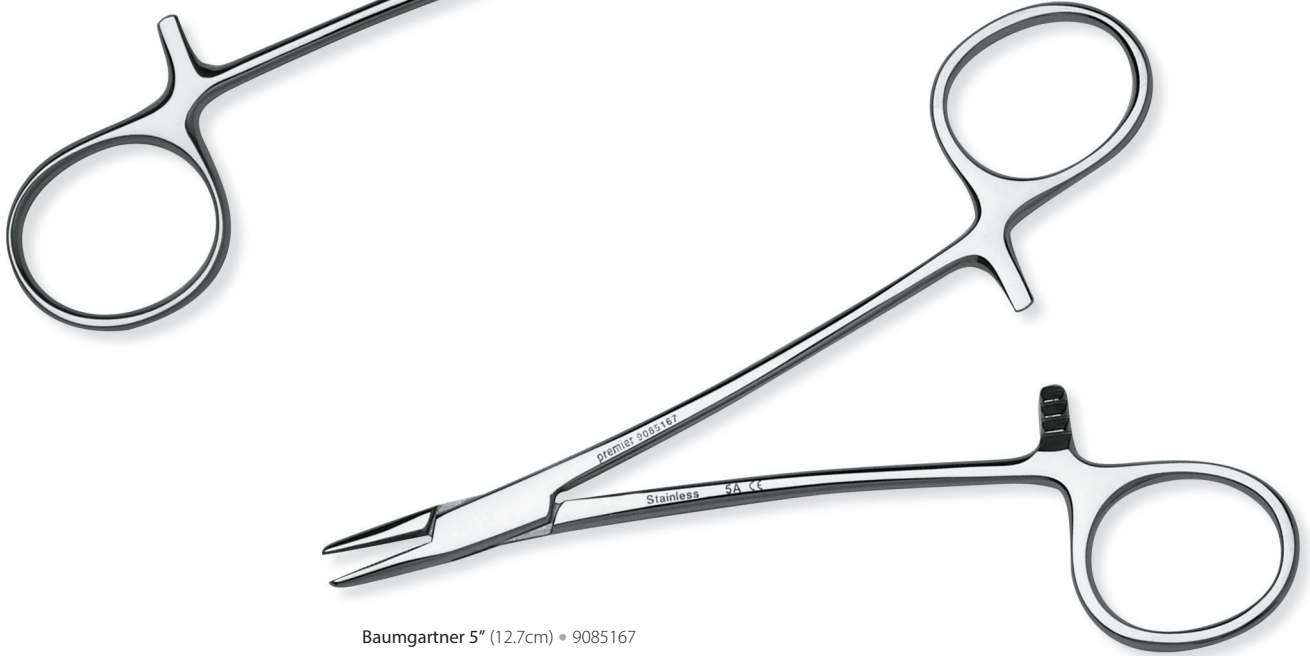


Mayo-Hegar 5 1/2" (14.0cm) • 9085161

| Nadelhalter | Portaagujas | Porte-aiguilles | **Needle Holders**



Derf 5" (12.7cm) • 9085165



Baumgartner 5" (12.7cm) • 9085167

Tissue Pliers | Chirurgische Pinzetten | Pinzas de disección | Pince à tissus |

Tissue



5 1/2" 1x2 (14.0 cm) • 9085283

Iris



Dressing - Straight 4" (9.8 cm) • 9085300



Dressing - Curved 4" (9.8 cm) • 9085301



Tissue 1x2 - Curved 4" (9.8 cm) • 9085304

Adson

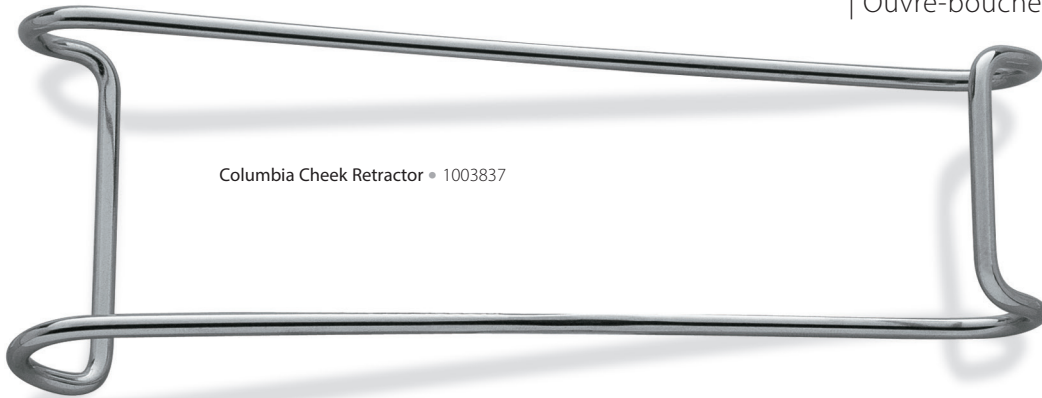


Tissue 1x2 4 3/4" (12.1 cm) • 9085296



Brown Tissue 4 3/4" (11.8 cm) • 9085299

| Spreizinstrumente/Wundhaken | Abre bocas/Retradores | **Spreaders/Retractors**
| Ouvre-bouches/écarteurs |



Columbia Cheek Retractor • 1003837



Univ. of Minnesota Retractor • 1033120



Spreader-Small • 9085430 Large • 9085431

ComfortView® Lip & Cheek Retractor



- Retracts lips and cheeks for optimal buccal and gingival access
- Maximum visibility and patient comfort
- Suitable for use in diagnostic, preventative, therapeutic dental applications and digital impression scanning
- Autoclavable, Latex free

- 9061381 Universal ComfortView Lip and Cheek Retractor - 2 per box (white)
- 9061383 Small ComfortView Lip and Cheek Retractor - 2 per box (blue)
- 9061382 ComfortView Refill Cushions -10 per pack

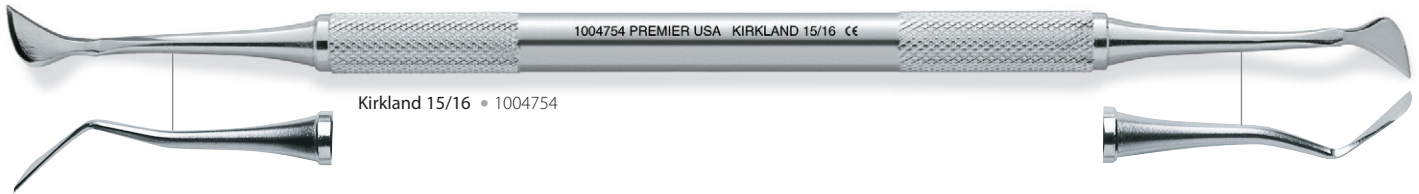
ComfortView not available from Premier in Europe.

"Outstanding Products"
ComfortView® Lip & Cheek Retractor

Knives | Messer | Cuchillos | Bistouris dentaires |



Orban 1/2 • 1004751



Kirkland 15/16 • 1004754

Periotomes | Periotome | Periotomos | Périotomes |

"Outstanding Products"
Premier® Periotomes



Anterior • 1003659



Posterior • 1003660



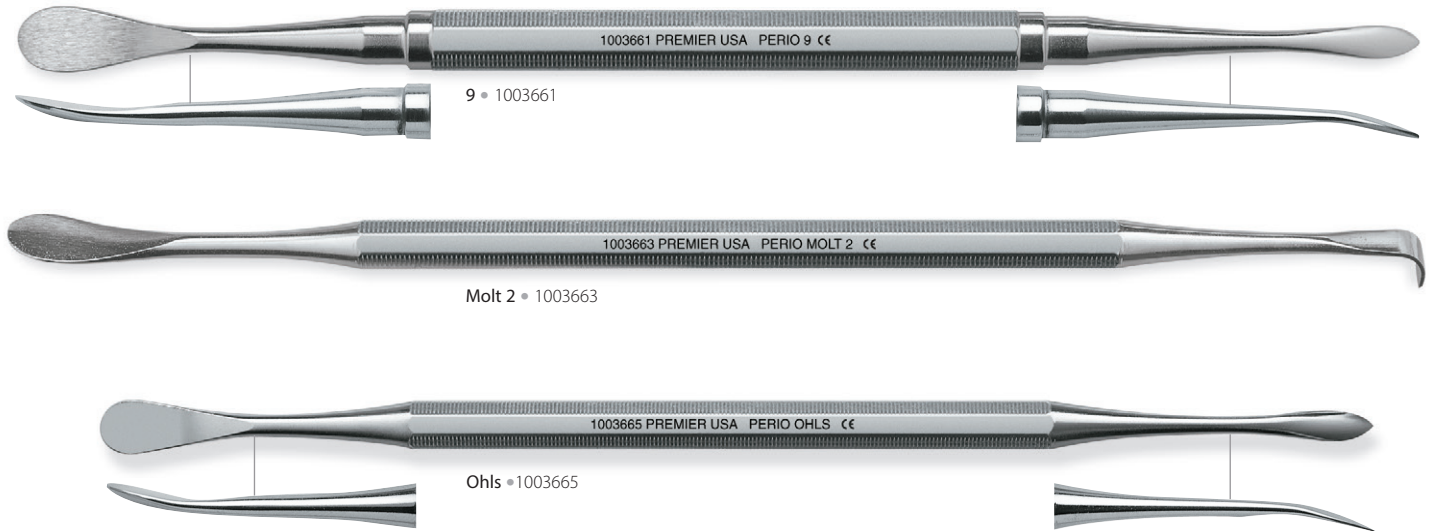
Anterior • 1003652



Posterior • 1003653

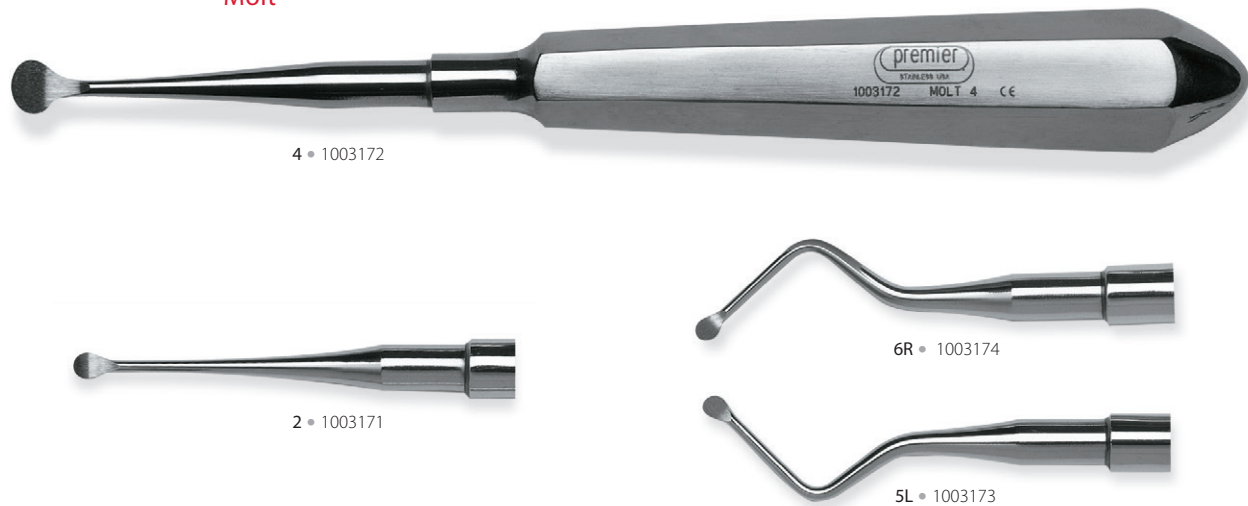
| Heber-Raspatorien für Parodontologie | Periostótomos | Rugines raspatoires | **Elevators**

Periosteals



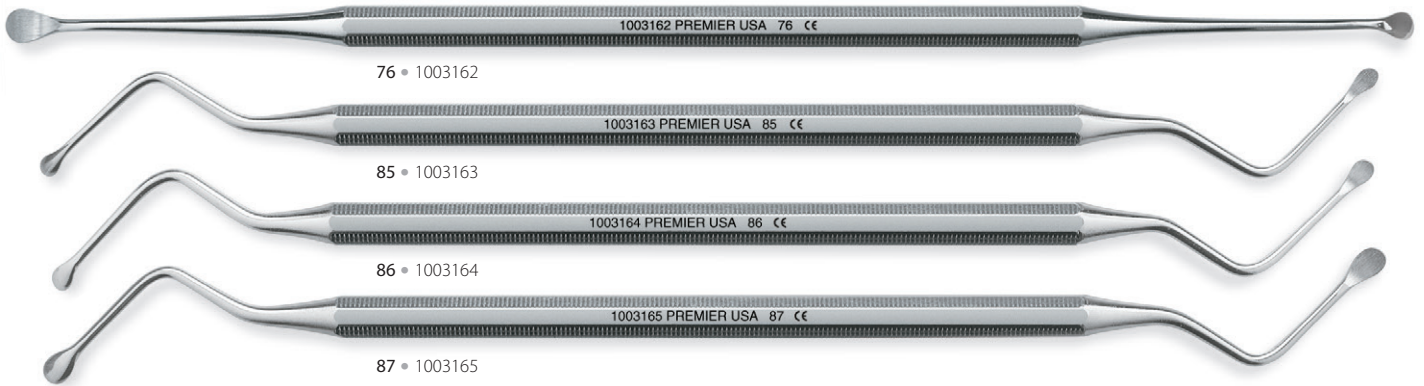
| Chirurgische Küretten | Curetas quirúrgicas | Curettes chirurgicales | **Surgical Curettes**

Molt



Surgical Curettes | Chirugische Küretten | Curetas quirúrgicas | Curettes chirurgicales |

Lucas Alveolar



Files | Feilen | Limas | Limes |

Bone



Mallets | Hammer | Martillo quirúrgico | Maillets |

Mallets



| Hautstanze | Biopsia de piel | Poinçon à biopsie | **Biopsy Punch**



Uni-Punch®

Seamless Disposable Biopsy Punch

- **Seamless Blade**
Sharpened on both inside and outside
- **Ergonomic Handle Design**
Lightweight, stiff plastic material, ribbed handle for improved control
- **Sterile Product**
Ethylene oxide sterilization (ETO)
- **Mylar and Tyvek Sterile Peel-Pouch**
Individually wrapped
- **Capped Tip for Added Safety**
During handling and disposal
- **Packaging Convenience**
Boxes of 25 and 50, Assorted package



(Assorted - 5 each: 2mm, 3mm, 3.5mm, 4mm, 5mm)



Nine Different Sizes!

The largest number available!

1.5mm



2mm



2.5mm



3mm



3.5mm



4mm



5mm



6mm



8mm



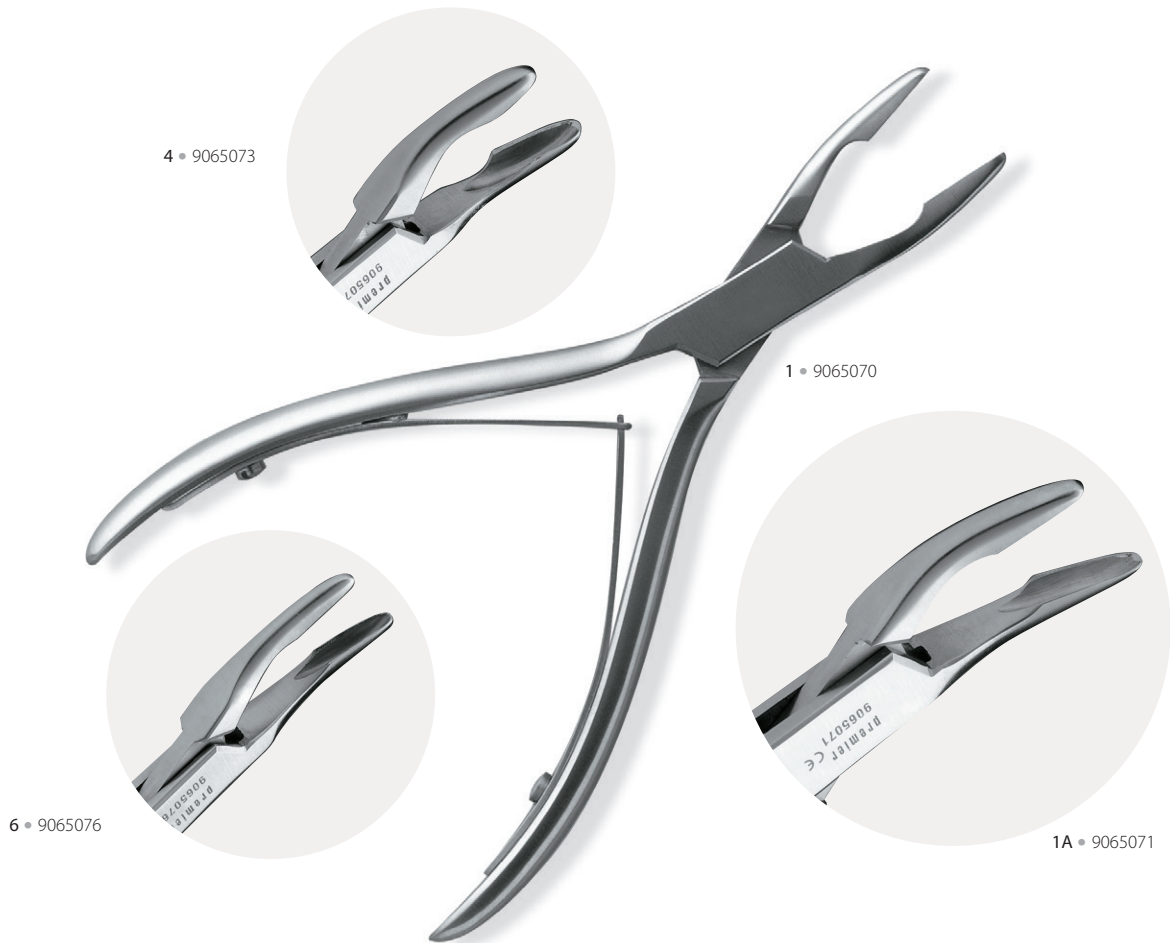
Box of 25

Size (in mm)	Item #
1.5	9033509
2	9033502
2.5	9033511
3	9033503
3.5	9033510
4	9033504
5	9033505
6	9033506
8	9033508
Asst.	9033525

Box of 50

Size (in mm)	Item #
2	9033512
2.5	9033521
3	9033513
3.5	9033520
4	9033514
5	9033515
6	9033516
8	9033518

Rongeurs | Hohlmeißelzangen | Pinzas gubia | Pincers-gouges |

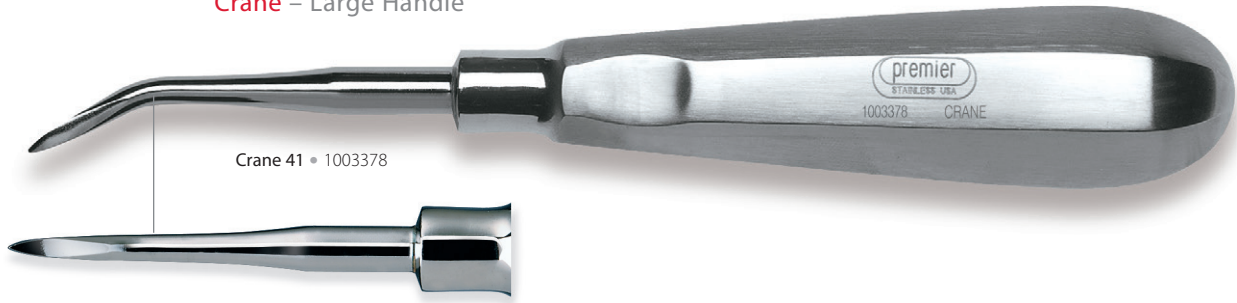


Aspirators | Aspirationskanülen | Aspiradores | Aspirateurs |



| Wurzelheber | Elevadores | Élévateurs | **Elevators**

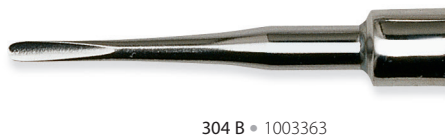
Crane – Large Handle



Luxating – Large Handle



Apical (Blunt) – Large Handle



Elevators | Wurzelheber | Elevadores | Élévateurs |

Apical (Pointed) – Large Handle



2 • 1003358

1 • 1003357

Periosteals can be found on page 62.

Root – Large Handle



Cameron • 1003371

34 (12) • 1003372

34S (13) • 1003373

Seldin – Large Handle



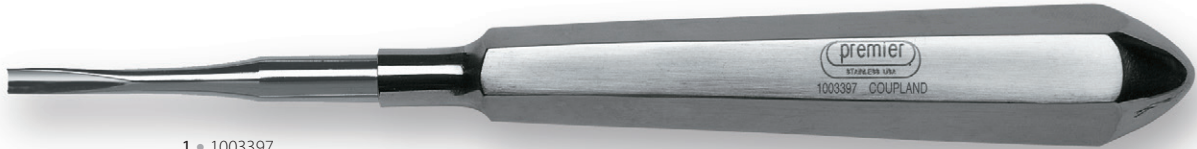
1R • 1003365

1L • 1003364

4R • 1003369

4L • 1003368

Coupland – Medium Handle

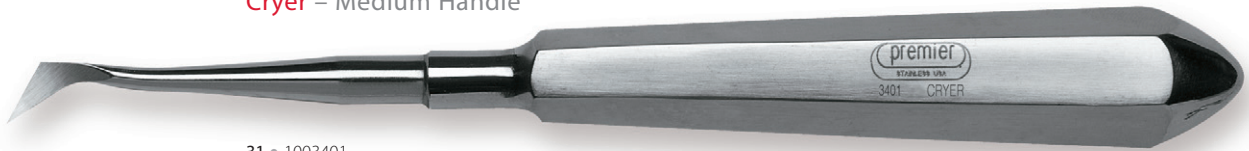


1 • 1003397



2 • 1003398

Cryer – Medium Handle

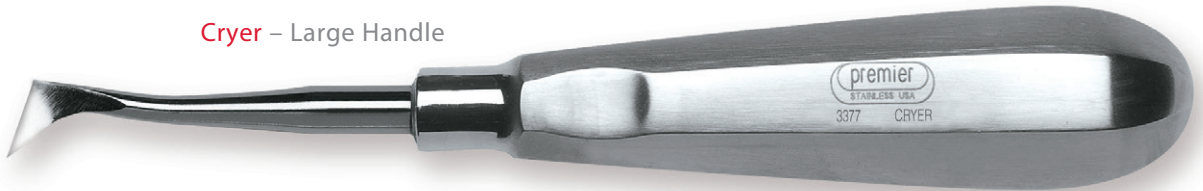


31 • 1003401



30 • 1003400

Cryer – Large Handle



40 • 1003377



39 • 1003376



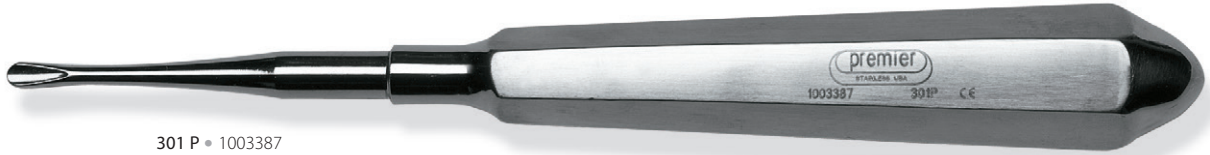
Cryer 44 (Left) • 1003404



Cryer 45 (Right) • 1003405

Elevators | Wurzelheber | Elevadores | Élévateurs |

Apical Picks – Medium Handle



301 P • 1003387



303 P • 1003389



302 P • 1003388



78 S • 1003352



78 • 1003384



80 S • 1003354



80 • 1003386



79 S • 1003353



79 • 1003385

**78S, 79S and 80S
Extra-Fine
Apical Root Tip
Picks/Elevators**

These extra-slender tips can gently slide between the residual tip and the alveolar socket wall. With a back-and-forth motion, the tips are worked into position; a careful lateral movement then will engage the tip. With an occlusal-ward action, the root tip can often be released from its apical position in the socket. The set of three Root Tip Picks provides angulations to enable the dentist to reach all areas of the mouth.

Apical Picks – Light Touch Handle

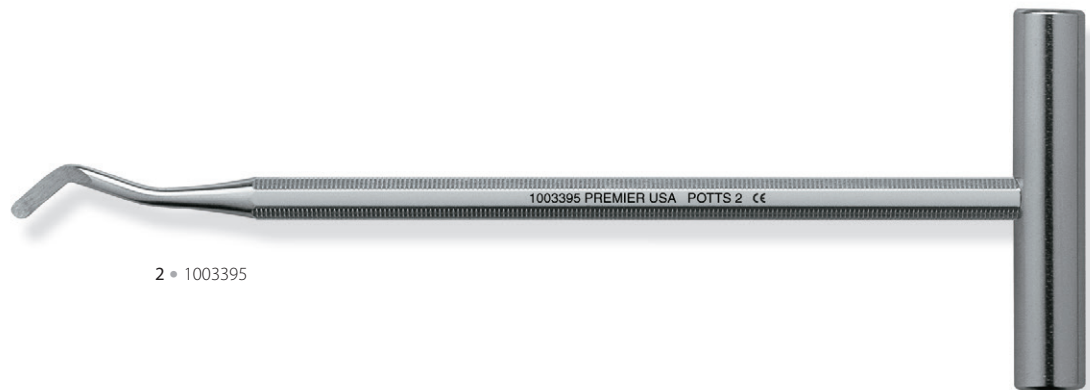


Heidbrink 13-14 • 1003396

Potts



1 • 1003394



2 • 1003395

Forceps | Zangen | Fórceps | Daviers |

Child Size - Maxillary



C150 • 9065057



C150 • 9065057



C4 • 9065054

PREMIER MAXILLARY CHILD FORCEPS SELECTION CHART

Centrals		C150
Laterals	C4	C150
Cuspids		C150
Bicuspid		C150
First Molar		C150
Second Molar		C150
Third Molar		C150
Root		C150

Child size forceps are approximately 65% the size of adult forceps and can be easily concealed from the patient.

150 C150

Child Size - Mandibular



C1 • 9065051



C2 • 9065052



C3 • 9065053



C151 • 9065058



C2 • 9065052

PREMIER MANDIBULAR CHILD FORCEPS SELECTION CHART

Centrals		C151
Laterals	C1	C151
Cuspids		C151
Bicuspids		C151
First Molar	C2	C151
Second Molar	C2	C151
Third Molar		C151
Root	C3	C151

Forceps | Zangen | Fórceps | Daviers |

Maxillary



150 • 9065030
• 9065078 (serrated)



150A • 9065032



150S • 9065034

PREMIER MAXILLARY FORCEPS SELECTION CHART

Incisors	150	150A	150S	99C		65				
Canines	150	150A	150S		99C					
Premolars	150	150A	150S		99C		101			
1st Molar	150S	88L	88R	53L	53R	18L	18R			
2nd Molar	150S	88L	88R	53L	53R	18L	18R			
3rd Molar				210						
Roots	150	150S	65	69	URG	76S				
Periodontic	150S									

Maxillary



88L • 9065024



88R • 9065025



53L • 9065015



53R • 9065016



18L • 9065009



18R • 9065010



18R • 9065010

Forceps | Zangen | Fórceps | Daviers |

Maxillary



PREMIER MAXILLARY FORCEPS SELECTION CHART

Incisors	150	150A	150S	99C		65			
Canines	150	150A	150S		99C				
Premolars	150	150A	150S		99C		101		
1st Molar	150S	88L	88R	53L	53R	18L	18R		
2nd Molar	150S	88L	88R	53L	53R	18L	18R		
3rd Molar			210						
Roots	150	150S	65	69	URG	76S			
Periodontic	150S								

Mandibular



151S • 9065031
• 9065077 (serrated)



151S • 9065035



151A • 9065033



23 • 9065011
• 9065079 (serrated)

PREMIER MANDIBULAR FORCEPS SELECTION CHART

Incisors	151	151S	151A	74	MD3	
Canines	151	151S	151A	74	MD3	
Premolars	151	151S	151A	74	MD3	
1st Molars	151S	23		17		MD4
2nd Molars	151S	23		17		MD4
3rd Molars		222	MD4			
Roots	151	151S	151A	74	69	LRG MD3
Pedodontic	151S					

Forceps | Zangen | Fórceps | Daviers |

Mandibular



17 • 9065008



222 • 9065039



Mead 4 • 9065064



74 • 9065021



74 • 9065021

Root



69 • 9065019



69 • 9065019



Upper Root Grip • 9065043



Lower Root Grip • 9065044



76S • 9065045



Mead 3 • 9065063

Cassettes and Instrument Care

| Pflege der Kassetten & Instrumente | Cassettes y mantenimiento de instrumentos |
| Cassettes et soin des instruments |

Instrument Cassettes

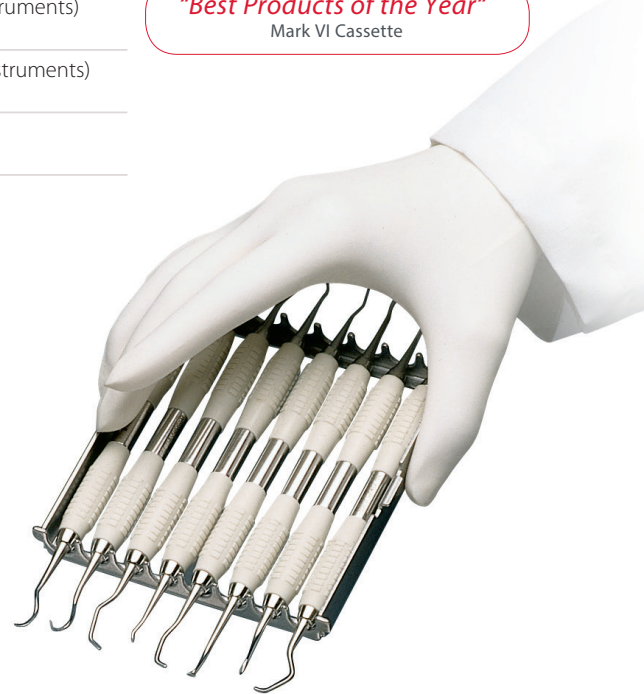
Premier stainless-steel instrument cassettes offer proven reliability and quality performance with an unparalleled satisfaction guarantee.

Unique, hingeless design offers years of trouble-free operation. Compact, double-stack feature accommodates more instruments for greater efficiency in ultrasonic cleaning, autoclaving and storing. Apertures in side walls, lid and bottom of trays permit optimum flow of cleaning solution, ultrasonic energy and greater access for rinsing.

Includes a five-year satisfaction guarantee.

9010904	Mark I (4 or 8 Instruments) 2.5" x 8.5" x 1.5"
9010908	Mark VI (8 or 16 Instruments) 4.5" x 8.0" x 1.25"
9010924	Mark IV (12 or 24 Instruments) 8.0" x 11" x 1.50"
9010901	Accessory Cassette 1.5" x 3.5" x 1.0"

"Best Products of the Year"
Mark VI Cassette



Premier cassettes are easy to use!

- 1 Rinse cassette/bur block organizer under running water.
- 2 Place cassette/bur block organizer in ultrasonic unit; use Brite Shield™ to remove bio-burden and to clean & protect instruments.
- 3 Rinse cassette/bur block organizer under running water.
- 4 Allow instruments & cassette/bur block organizer to dry thoroughly.
- 5 Wrap cassettes and sterilize.



Mark I (4 or 8 Instruments)
Ideal for prophylaxis or exam setups



Mark VI (8 or 16 Instruments)
Works for most operative procedures



Mark IV (12 or 24 Instruments)
Accessory compartment for loose items



Accessory Cassette
Holds either handpiece head or bur block

*An independent non-profit dental education and product testing foundation, November - December 2007.

Cassettes and Instrument Care

| Pflege der Kassetten & Instrumente | Cassettes y mantenimiento de instrumentos |
| Cassettes et soin des instruments |

Sterilization Troubleshooting

• **Don't sterilize dirty instruments.** They should always be cleaned before sterilization. Otherwise, the soil and dirt will become even harder to remove because the heat, hot water, or steam bakes the contaminant onto the instrument.

• **Don't use abrasives.** Steel wool or abrasive powders/soaps should not be used to scrub stainless-steel instruments. These abrasives may wear off the protective coating of the instruments. The finish protects the instrument from oxidation and corrosion.

• **Don't mix unlike metals.** Sterilizing different metals together can lead to a chemical reaction which can be detrimental to the instruments.

• **Don't use harsh detergents.** The pH of the detergent should be neutral (7pH). Highly alkaline (high pH) detergents may produce orange-brown stains. Highly acidic (low pH) detergents will cause black pitting marks that will permanently corrode and ruin the instrument.

• **Don't use chrome-plated instruments if the plating is starting to wear away.** Rust and corrosion will readily occur, spreading to other instruments.

• **Don't put instruments in a sterilizing unit that has a build-up of deposits in the sterilizing chamber.** Always remove scale and mineral deposits before sterilization. A mild abrasive or weak solution of acetic acid (vinegar) may be used to remove these deposits.

• **Don't use water with a high mineral content or water that is too soft.** Always use distilled water.

• **Don't exceed recommended temperatures.** Excessive heat in the sterilizing and drying procedures can be harmful to the metallurgy of the instruments and cause "rainbow-colored" stains.

• **Don't use vibrating marking devices to mark instruments.** Avoid the use of an "etching" device to personalize instruments. This can lead to rust/corrosion which can spread to other instruments.

• **Don't open the autoclave too soon.** The premature opening of the autoclave causes rapid condensation of steam on the hot instruments and will permit residue deposits.

Sterilization vs. Disinfection

Sterilization is the act or process of complete destruction of all living microorganisms, while disinfection is the act or process of destroying most disease-causing microorganisms. The two are not interchangeable! Both the Center for Disease Control (CDC) and the American Dental Association (ADA) warn that all patients should be considered potentially infected and recommend that complete sterilization procedures are used whenever possible.

Method	Conditions	Advantages
Steam Autoclave - Designed for stainless steel, textiles, liquids, heat-resistant handpieces, tubing & plastics.	20 minutes at 250°F (121°C) (15 psi) 3-5 minutes at 273°F (134°C) (30 psi)	Time efficient, good penetration, water-based liquid
Liquid Sterilants - Designed for heat-sensitive materials.	Up to 24 hours, using EPA registered solutions	Works on heat-sensitive items
Dry Heat - Designed for stainless steel, some heat-resistant handpieces, tubings and plastics.	2 hours at 320°F (160°C) 1 hour at 340°F (171°C)	No corrosion, can use closed containers, large capacity, immediately dry
Unsaturated Chemical Vapors - Designed for high carbon metal and stainless steel, textiles, liquids, heat-resistant handpieces, tubings and plastics.	30 minutes at 270°F (132°C) (20-40 psi)	Time efficient, no corrosion, items dry quickly

Steps for Proper Sterilization via Autoclaving

1. Pre-soaking & cleaning
2. Corrosion control and lubrication for hinged instruments
3. Packaging
4. Sterilization
5. Sterilization monitoring
6. Drying and cooling
7. Storage



premierdentalco.com/promise

We'll go the extra mile, every time.

We promise to:

- ✓ Make it easy to do business with us
- ✓ Provide innovative, standard-setting solutions
- ✓ Be your Product Concierge – for knowledge and service
- ✓ Make it right if we fall short

premier® Inspired solutions
for daily dentistry®