



Dental USA specializes in manufacturing the highest quality dental instruments to our customers by employing superior technicians, and utilizing advanced production and equipment.





A. Diagnostic	E. Operative
Explorers	Chisels E2
B. Periodontal	Carving Knives E9 Burnishers E10
Sickle and Jacquette Scalers B2~3 Sickle Scalers/Currettes B4~5 Universal Curettes B6 Gracey Curettes B7~8 Debridement/Furcations/Hirschfeld File B9 Sharpening Stones B10	Calcium Placer/Burniser & Filling E11 Plastic Filling E12~14 Gingival Retractors/Cordpackers E15 Cord Packers/PKT Waxing E16 Amalgam Carriers E17 Titanium Caver Plugger/ Plastic Filling/ E18~21 Burnisher
C. Periodontal Surgery	Matrix Retainers E22
Surgical Knives C2~3 Schluger Files C4 Surgical Curettes C5 Periotomes C6 Surgical Chisels/Back Action C7~8	F. Endodontic Pluggers & Condensers
D. Implant Instruments	RCP Posteriors
Black Titaniums(Scaler & Curettes) D2 Surgical Chisels/Ochsenbein Back Action - D3 Periotoems/Bone Graft/Carrier D4 Sinus Lift Instruments D5	Rubber Dam Clamps F7~8 Rubber Dam Instruments F9 Rubber Dam Set with Plate F10
Bone Graft/Pluggers D6 Osteotomes Extra long D7~8	G. Surgical
Chisel Osteotomes/Ridge Spreader/ D9 Forcep Bone Graft Forcep Kerison/ Bone Crusher/ D10 Bone Morselizer/Bone syringe Bone Collector/Bone Collector Suction D11 Calipers/Retractors D12 Sergery Ronger/Retractors D13 Tissue Pliers D14 Suture Pliers/Forceps D15~16 Surgical Scissor/Mallet/ D17 Super Scalpel Handle Needle Holder/Castroviejo D18	Periosteals G2~5 Periosteals Retractors G6 Surgical Curettes(Spoon) G7~8 Bone Chisels G9 Bone Files G10 Mallets G11 Bone Chisels G12 Bone Rongeurs G13 Root Splinters G14 Sponge & Dressing Forceps G15 Haemostatic Forceps G16 Needle Holders T/C / Mathieus G17~20
Elevator Accu Luxating D19 Blue Titanium Periosteal D20	Gum Scissors G21~23 Suture Scissors T/C G24 Raspatories G25 Skin Hooks/Retractors G26 Retractors G27~28 Scalpel Handles G29 Syringes G30

H. Elevators	
Elevators/Lux-Tome/Lindo H2~11 Root Tip Picks H12~13 Luxator Set H14	
I. Forceps	10
New Atraumatic Forceps 12~3 American Pattern Forceps 14~7 English Pattern Forceps 18~11 American Pattern Forceps 111~13 Pedo Atraumatic Forceps 114	1
J. Crown Instruments	
Crown Scissors/ Crown Remover Pliers/ J2 Crown Spreader Forceps/gripper Calipers	
K. Orthodontics	
Cutters & Pliers K2~5 Band Seat/Placing K6~7 Mathieus K8	0
L. General Instruments	
Tissue Pliers/Forceps	
M. Reference Guide	
Precautions of sterilization chemicals M1 Instrument care & problem solving M2~3 Common & popular recommended kits M4~8	

About Dental USA, Inc

Philosophy

"The best choice for safe treatment and success" is how dentists around the country describe our instruments.

The management concept of Dental USA is to create products that will not only be a good value to our customers, but will earn their trust while they receive excellent customer service.



"Quality products at reasonable prices" is how our customers describe Dental USA.

Dental USA is located just northwest of the Chicagoland area. The Chicagoland area is renowned for its manufacturing trade so this gives us the opportunity to take advantage of the area's best manufacturing techniques for dental instruments.

Currently we supply our products to North America's largest distributors of dental instruments, and are in the process of expanding our distribution worldwide.

The founder of Dental USA, Inc. has worked in the dental instrument manufacturing industry for the last 20 years. He has a strong desire to produce a better quality product at a price all can appreciate. He believes that he can provide safer and more convenient dental instruments to dentists by making sure that Dental USA is equipped with the best systematic production line, combined with innovative technology and experienced employees on staff. With that determination, he has set out to experience every aspect of the processes necessary for quality instruments, from research and development to the production line. After 20 years, the dream of an innovative man becomes a reality under the name of Dental USA, Inc.



Our vision has always been very clear. It is to offer the best products, at the best prices, to satisfy our customers' needs. In order to continue to achieve our vision, we will continue to pursue upgrades in the latest technologies, craftsmanship, production and research and development.

As our skillful technicians put their best efforts into the latest production processes of each and every product, Dental USA shall produce products with the utmost precision and care. This attention to detail is something seldom seen in today's automated mass production processes.

We will continue to perform our best to become the worlds' premier dental instrument company.

Our Tip Manufacturing Process

How does Dental USA do it?

- · Purchasing the best surgical quality materials.
- Skilled technicians are manufacturing the shapes of each tip.
- · Cutting and shaping each tip using CNC machinery.
- Proper bending of each tip, from 1 to 6 times, to insure proper use qualities.
- Increasing the strength of the instruments with the use of heat treating processes.
 Dental USA raises the level of heat treating to a 50-55 hardness rating,
 which increases the strength of the material and minimizes wear.
- Assembling the instruments properly is of the utmost importance.
 If the tip is not inserted into the handle properly, it will not work correctly and may break or fall out of the handle. Each instruments' tips are inserted by highly trained and skilled technicians.
- As a final step to the process, we clean all of the instruments and do what
 we call a final "blading", or sharpening, to ensure the proper working edges are on
 each and every instrument to meet the specifications of dental professionals.

Handle Manufacturing Process

Proper Cutting: To cut each handle of different sizes with precision machinery.

Complete handle making process: To cut the tip to fit into each handle size. This process requires

very precise work since there is a great possibility of product loss.

Grooving work: To groove the handles so that it gives dentists comfort in treatment.

(Grooving work is different depending on the functions and kinds of handles)

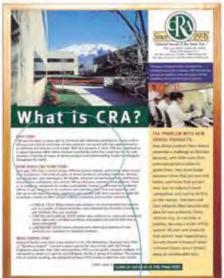
Upscale Satin Handles: By applying friction on the handles in the sand barrel for a long time,

the handles turn into bright satin finish.

Ultrasonic Cleaning: Handles could get rusty without the ultrasonic cleaning process.

Without ultrasonic cleaning, it will shorten the life-span of the instruments.





hes publishes relected, pertinent information for the international dental newsletter. Recently your product was selected for CRA's annual "Buying Guide" have, we look at the progress of all product brands under evaluation over the past 12 er lies the best of over 400 periodes therefore a training stages in CRA's evaluation increyour product, HYGIENIST INSTRUMENTS is included in this important issue, advanced copy of the publication.

inestituturs often ask if they can use CRA Reports for various promotional activities, is this copyright protected report piesus contact CRA for guidelines and information on any be used. It is our opinion that the whole report must be used since summarizing, fensing may inadvertently change the content.

operation.

Brad Plage

Sincerely,

WHY CRA?

CRA was founded 24 years ago by clinicians who believed prack officacy and clinical usefulness of new products and avoid both on patients and failures in the closet. With this purpose in mind, a unique volunteer effort where clinicians worldwide unite their expurpose of testing all types of dental products and disseminating throughout the world.

HOW DOES CRA FUNCTION?

Each year CRA tests in excess of 650 different product brands, per field evaluations. CRA tests all types of dental products, including and equipment, plus techniques. Worldwide, products are pure secured from companies, and sent to CRA by clinicians, invention to charge to companies for product evaluations. Testing is perts of 400 clinicians in 18 countries who volunteer the second on-site basic scientists, engineers, and support set 2 levels of CRA's unique 3 tiered evaluation.

CAL FIELD TRIALS where no

The products of Dental USA, Inc. are selected by 2004's Annual Buying Guide by Clinical Research Associates in USA. Dental USA, Inc. instruments are made from the finest stainless steel of special composition by skilled craftsmen and are subject to strict quality controls during the whole working cycle and related shipment.

Therefore, we offer a full guarantee for all materials against any defects and will exchange free of cost under the normal conditions and usage.



All photos, text, pictures, etc. in this catalog are the sole property of **Dental USA, Inc.**They may not be reproduced, nor distributed in any other way without the expressed permission of **Dental USA, Inc.**

The superior quality of Dental USA's products did not just happen overnight. It was sheer enthusiasm created by 20 years of experience and an unprecedented passion in dental instrument manufacturing. The following are some of the results of this passion:

- Sharpness The precision of a dental instrument is completed by the tips of Dental USA's products.
 As each goes through the production processes,
 Dental USA perfects the unique angles and sharpens each blade.
- 2) Lightness Even though our handles are larger than our competitors' for a better grip, our handles are lighter because we use high purity stainless steel that helps to minimize hand fatigue of dentists. This also helps with our products' durability.
- 3) Solidity Another advantage of using the highest quality materials is that our products are virtually unbreakable under the hand pressure used when treating patients.

 This is a crucial safeguard for both patients and dentists.
- 4) Sufficient Blades As we provide 60% ~ 100% more angles on our blades than our competitors, it is a lot easier for dentists to treat patients in varying directions.

 Multi-lateral blades enable dentists to treat the patient by turning the handle instead of the patient.
- Innovation Dental USA values the evolving users' needs and accordingly continues to use new innovations for our products to accommodate our users around the world.
- 6) Value In addition to maintaining our quality, our pricing means value to our customers in these trying economic times. It is our management's concept.
- 7) Comfort We put the dentist's and patient's comfort as our number one priority with our ergonomic designs. Dentists can deliver precise treatment with comfort for all patients with our instruments.
- 8) Variety Our wide variety of diagnostic, periodontal, operative, restorative, orthodontic, prosthetic, endodontic, surgical and periodontal surgical instruments offer a good value along with better choice to our customers. We offer over 1,500 different types of instruments to choose from.
- Craftsmanship Our skillful technicians, with enthusiasm for perfection, make Dental USA's products more
 precise and offer a handmade touch to each instrument.

HANDLE OPTION



- * We use the highest quality stainless steel for our handles.
- * Our handles are guaranteed against any tarnishing, cracking and deformity over time.

 Please inquire further for more options.
- * We offer a secured grip, comfort, and lightweight with our new design of our handles.
- * Handle options are subject to change due to availability.

Diagnostic A

EXAM SET UP 7 INS (Recommended)



HANDLE OPTION

- * 1EZ S/E
- * 3EZ D/E
- * 6EZ D/E OR S/E

Explorers Probes(Color) Explorers/Probes Mirrors/Mirror Handles To detect and explore caries, abrasions, calculus, pocket characteristics, furcation and restoration. Instruments do not bend easily due to our outstanding tip strength.

It also gives dentists a delicate feeling to make an exact diagnosis of the patient's condition.

More moderate tips are usually used for disease detection while hard tips are used for removing calculus and excessive cement.



Dental USA www.mydentalusa.com

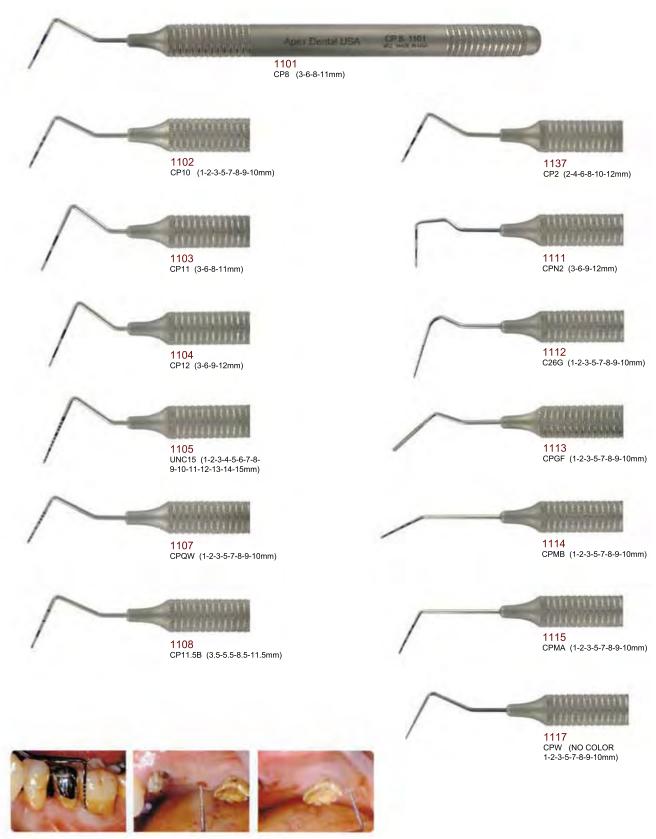
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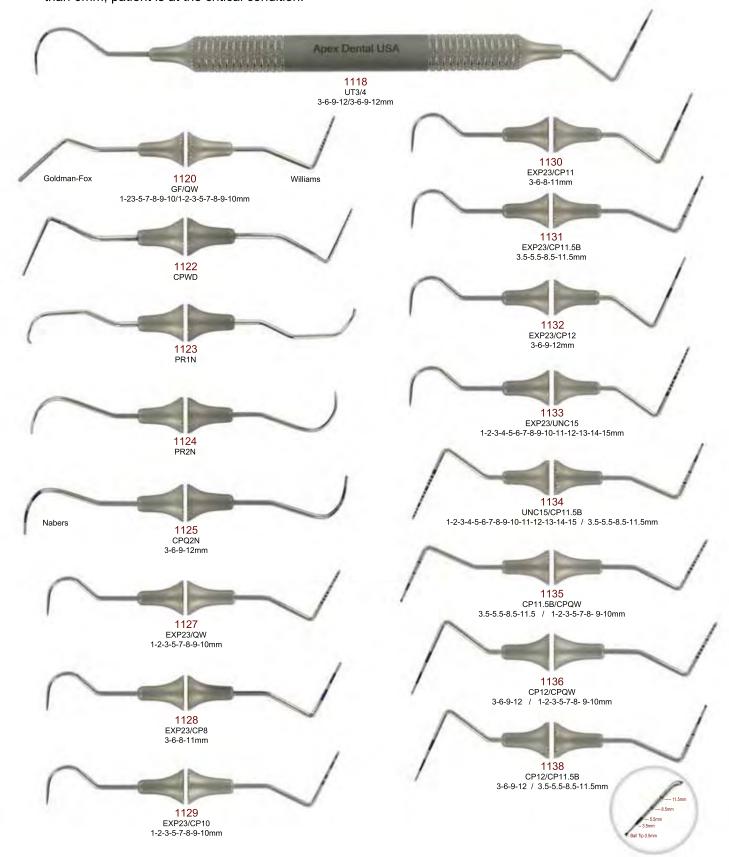
To check the depth of periodontal pocket vertically or horizontally. Length of 6mm is the standard control point for diagnosing patient's periodontal symptom: (a) If the length of periodontal pocket is below 6mm, patient is at the mild condition. (b) If the length of periodontal pocket is more than 6mm, patient is at the critical condition.



*GF: Goldman-Fox *W: Williams *N:Nabers



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Variety of mirror sizes, styles, and handles.



Variety of mirror sizes, styles, and handles.

MIRROR HANDLE C/S (cone socket) TYPE





6912 6EZ D/E C/S DOUBLE-SIDED MIRROR HANDLE

MIRRORS



6950 #4 MIRROR HEAD FRONT SURFACE 22mm C/S (cone socket)





6951D #5 DOUBLE-SIDED MIRROR 24mm C/S (cone socket)



BOX OF 12

Dental USA
www.mvdentalusa.com

Variety of mirror sizes, styles, and handles.



Periodontal B

PROPHY SET UP 15 INS (Recommended)

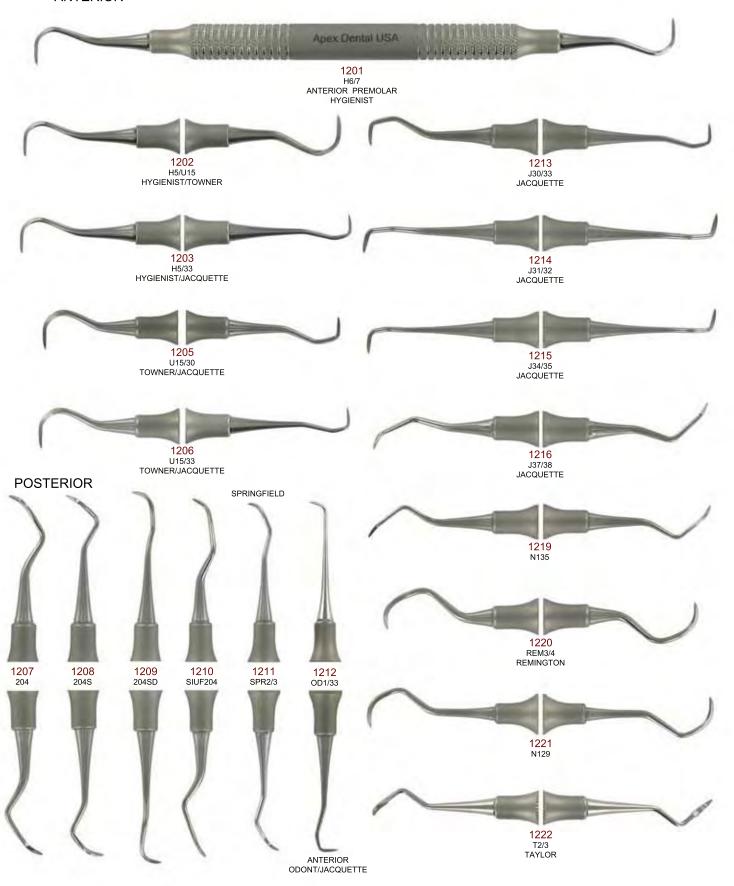
1. 1018 3EZ EXPLORERS OUD11/12 2. 1132 3EZ COLOR PROBE EXP23/CP12 3. 1201 6EZ SCALERS/CURETTES H6/7 4. 1208 6EZ SCALERS/CURETTES 204S 5. 1416 6EZ SCALERS/CURETTES COL13/14 6. 1601 6EZ STANDARD GRACEY GR1/2 7. 1604 6EZ STANDARD GRACEY GR7/8 8. 1606 6EZ STANDARD GRACEY GR11/12 9. 1607 6EZ STANDARD GRACEY GR13/14 FORCEP LONDON-COLLEGE 10. 6517 11. 6911 6EZ MIRROR HANDLE #6 C/S 12. 6950 #4 MIRROR C/S FRONT SURFACE 13. 7423 SHARPENING STONE ARKANSAS SHARPENING STONE ARKANSAS EDGE 14. 7424 15. 7502N CASSETTE 16 HOLD DOUBLE DECK



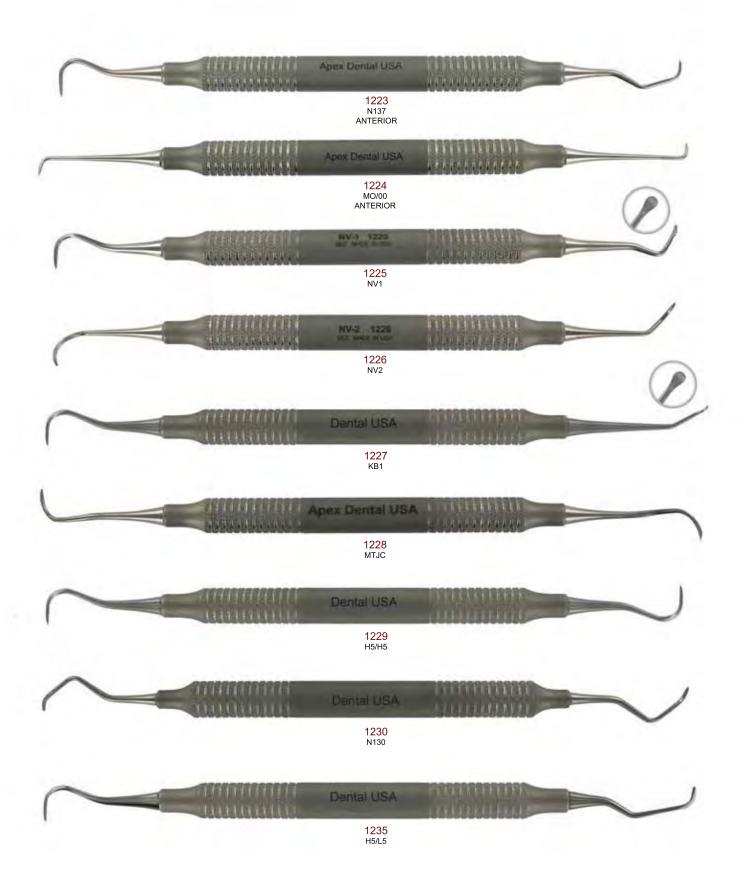
Sickle/Jacquette Scalers Sickle Scalers/Curettes **Universal Curettes Gracey Curettes** Debridement/Furcations Hirschfeld Files **Sharpening Stones**

To remove calculus on the surface of gingival area.

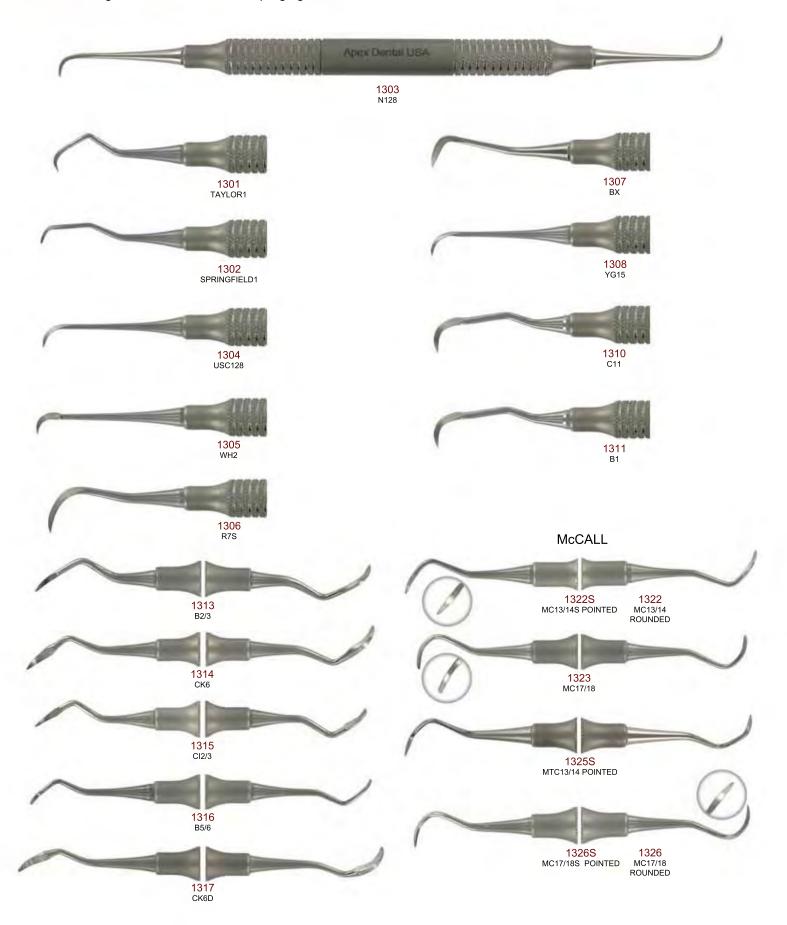
ANTERIOR



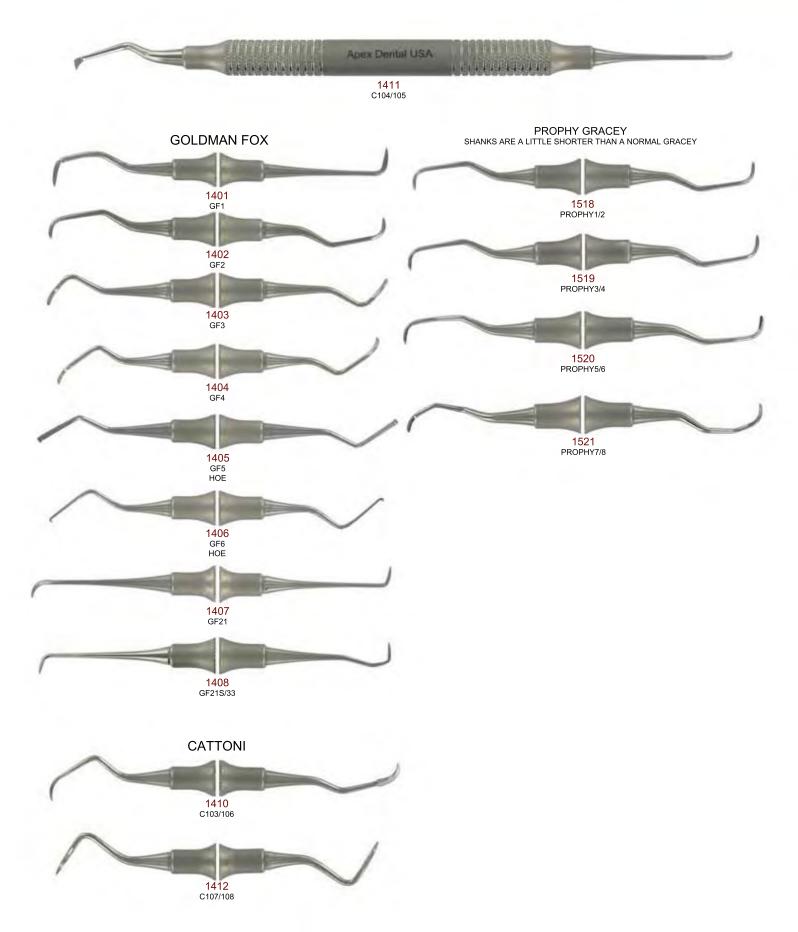
To remove calculus on the surface of gingival area.



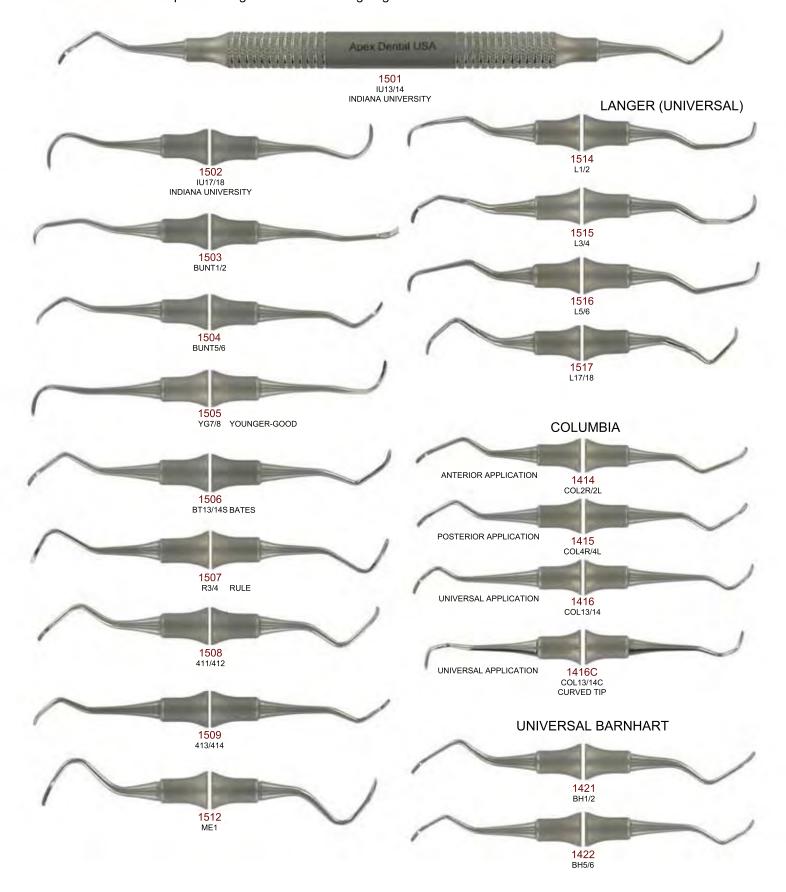
Designed for the removal of supragingival calculus.



To remove heavy calulus above or below the surface of gingival area. We angulate and sharpen the blade of our instruments more, to greatly reduce treatment fatigue.



Curettes are types of scalers with which dentists can deliver more precise treatments. The end of the tips are designed with two cutting edges and rounded toes.





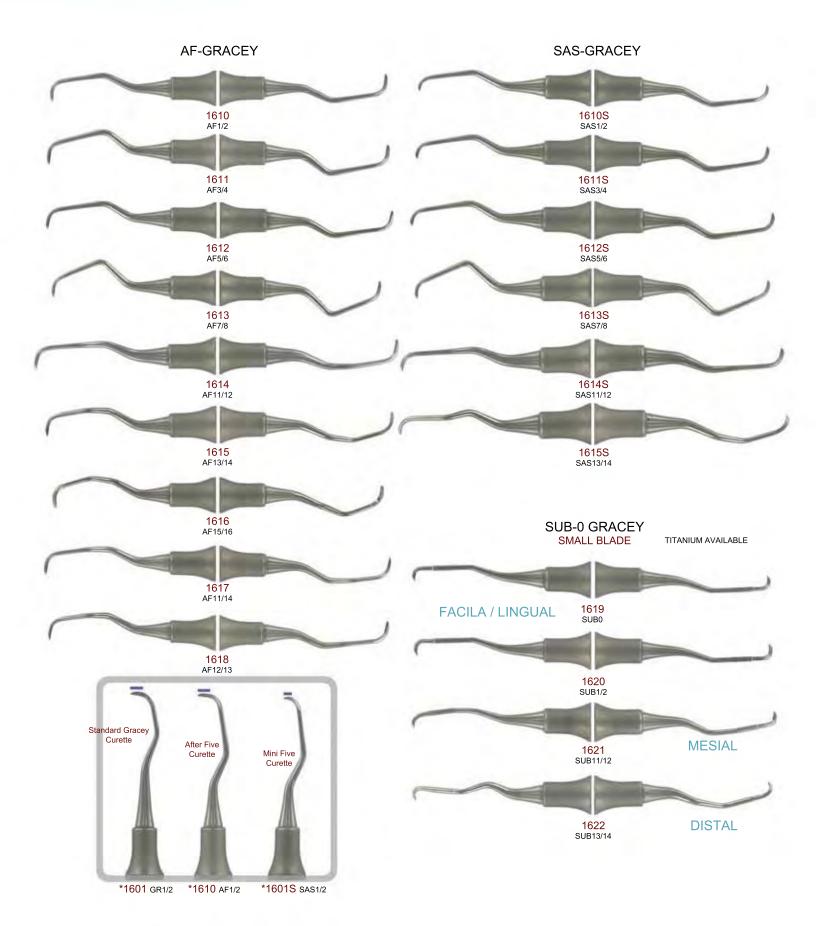
For the removal of heavy subgingival calculus including deep scaling, root planning and periodontal debridement. It is highly recommended for dentists to be equipped with a full set of Standard Gracey.

STANDARD GRACEY **RIGID & SHORTER BLADE AVAILABLE** Apex Dental USA Anterior incisors and canines 1601 GR1/2 Dental USA Anterior incisors and canines 1602 GR3/4 Dental USA 1603 GR5/6 Anterior incisors and premolars Dental USA 1604 GR7/8 Premolars and molars, facial and lingual surfaces Dental USA 1605 GR9/10 Dental USA 1606 Posterior GR11/12 Dental USA Posterior 1607 GR13/14 Dental USA Posterior 1608 GR15/16 Dental USA 1609 Posterior GR17/18 Dental USA 1623 GR11/14 Mesial/Distal Dental USA and the second

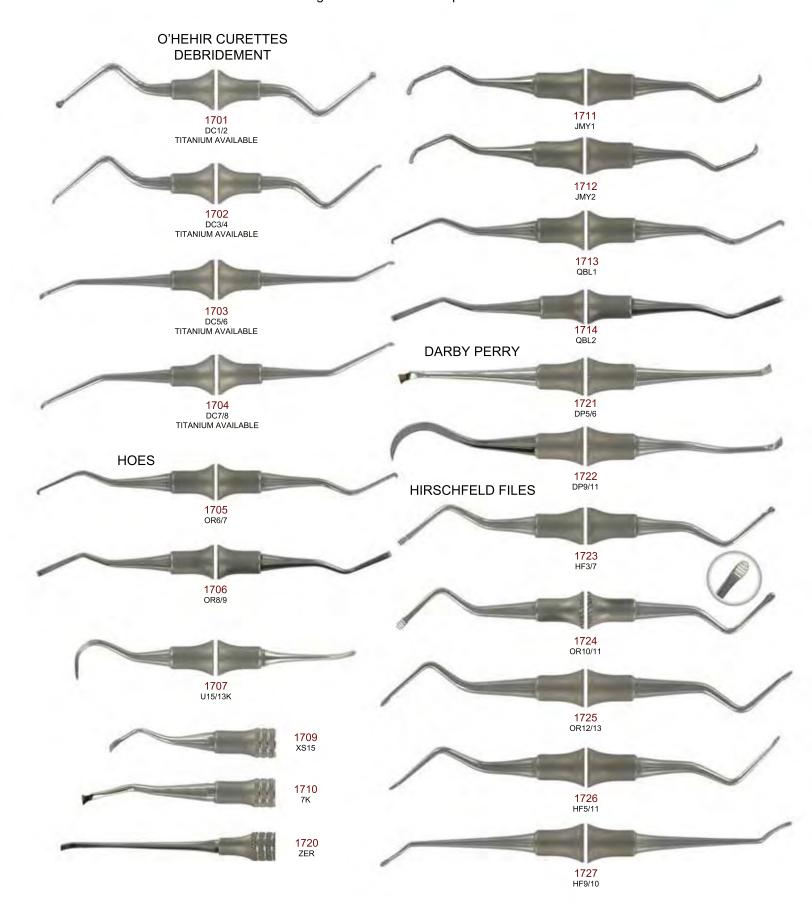
1624 GR12/13

Mesial/Distal

For the removal of heavy subgingival calculus including deep scaling, root planning and periodontal debridement. It is highly recommended for dentists to be equipped with a full set of Standard Gracey.



- * O' Hehir curettes debridement : Removing residual calculus after ultrasonic scaling for deep pockets.
- * Furcation curettes: Used for curetting the infected areas of periodontal disease.



India Stone

The coarse grained India Stone is for the initial grinding of very blunt instruments.

The shape of the stone enables the grinding of most of the surfaces and radii of the instruments.

Fine grinding should then be carried out with a Hart-Arkansas stone.



Periodontal Surgery



IMPLANT KIT 27 INS (Recommended)

1. 1105 COLOR PROBE CP15UNC
2. 1923T PERIOTOME PT2 TITANIUM WITH SERRATION
3. 1924T PERIOTOME PT1 TITANIUM WITH SERRATION

4. 2033N JOVANOVIC 3MM BONE CONDENSER 5. 2034S BONE PACKER IBP3/5 SERRATION

6. 2071 FORCEP KERISON 7. 2094 BONE MIXING BOWL 8. 3506 PERIOSTEALS MOLT9 9. 3751 ELEVATORS LUXATION 2MM STD

9. 3751 ELEVATORS LUXATION 2MM STD
10. 4103 SURGICAL CURETTES LUCAS86
11. 4111 SURGICAL CURETTES MOLT2/4
12. 4618 STAINLESS RULER
13. 4625 BONE CALIPER DOUBLE SCALE
MORD NIEDLE HOLDER TO

13. 4625 BONE CALIPER DOUBLE SCALE

14. 5505TN MICRO NEEDLE HOLDER T/C

15. 5917 GUM SCISSORS LA GRANGE 11.5CM

16. 5920 GUM SCISSORS IRIS CURVED 11.5CM

17. 6420 RETRACTORS UNIVERSITY OF MINNESOTA

18. 6428 RETRACTORS BISHOP
19. 6502 FORCEP ADSON 1X2 12CM
20. 6717 SUCTION TUBES 4MM
21. 6905 SCALPEL HANDLE 5
SCALPEL HANDLE ADJ
23. 7018 SYRINGES ASPIRATED

23. 7018 SYRINGES ASPIRATED
24. 7425 BONE TRAY
25. 7505 CASSETTE 20 HOLD
26. 7505-1 CASSETTE CLIP SCISSOR
27. 7505-2 CASSETTE CLIP SUCTION



Surgical Knives Files Surgical Curettes Periotomes Surgical Chisels Spatulas

- * Surgery Knives : For removal of soft tissue.
- * Surgery Files : For removal of granulomatous.



- * Surgery Knives : For removal of soft tissue.
 * Surgery Files : For removal of granulomatous.



* Surgery Files : For removal of granulomatous.





For removal of remaining tissue of infected gingival area after extraction.



C6

For removal of teeth with minimal tissue damage. Serrated blade easily cuts periodontal ligament.





For scraping out and reshaping bone. For removal of flaps and splitting bone.

SURGICAL CHISELS



KRAMER NEVINS SINUS LIFT





For scraping out and reshaping bone. For removal of flaps and splitting bone.

KRAMER NEVINS SINUS LIFT



Implant Instruments

IMPLANT KIT 27 INS (Recommended)

COLOR PROBE CP15UNC
PERIOTOME PT2 TITANIUM WITH SERRATION
PERIOTOME PT1 TITANIUM WITH SERRATION 1923T 1924T

2033N JOVANOVIC 3MM BONE CONDENSER 20345 BONE PACKER IBP3/5 SERRATION FORCEP KERISON

2071 BONE MIXING BOWL 3506 PERIOSTEALS MOLT9

ELEVATORS LUXATION 2MM STD SURGICAL CURETTES LUCAS86 9. 3751 10.4103 11.4111 SURGICAL CURETTES MOLT2/4 STAINLESS RULER BONE CALIPER DOUBLE SCALE 12.4618 13, 4625

14. 5505TN MICRO NEEDLE HOLDER T/C 15. 5917 GUM SCISSORS LA GRANGE 11.5CM GUM SCISSORS IRIS CURVED 11.5CM RETRACTORS UNIVERSITY OF MINNESOTA 16.5920 17.6420

18.6428 RETRACTORS BISHOP FORCEP ADSON 1X2 12CM SUCTION TUBES 4MM 19.6502 20, 6717 21.6905 SCALPEL HANDLE 5 22.6923 SCALPEL HANDLE ADJ SYRINGES ASPIRATED BONE TRAY 23.7018

24, 7425 25. 7505 CASSETTE 20 HOLD

26. 7505-1 CASSETTE CLIP SCISSOR 27, 7505-2 CASSETTE CLIP SUCTION

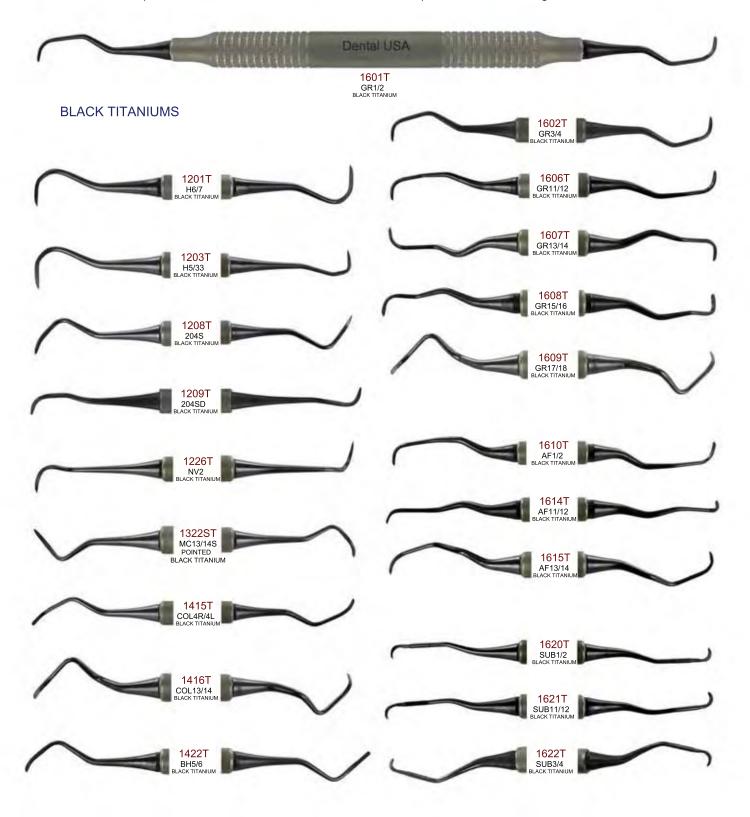


Black Titanium Scaler/Curettes Periotome/Bone Graft/Carriers Sinus Lifts Bonegraft / Plugger Osteotomes Extra Long/Chisels **Bone Ridge Spreaders Bone Graft Forceps** Bone Morselizer/Crushers **Bone Syringes**

Bone Collector/Suction Calipers Retractors/Sergery Ronguer Tissue Pliers/Mallet Suture Scissors/Super Scalpel Handle Needle Holders/Castroviejo Accu Luxating Elevators **Blue Titanium Periosteal**

Our black titanium instruments are enhanced in strength and durability up to 3 times more than the ordinary tips. It is highly hygienic as it protects the instruments from virus infection. It is easy to clean and requires less sharpening than other instruments.

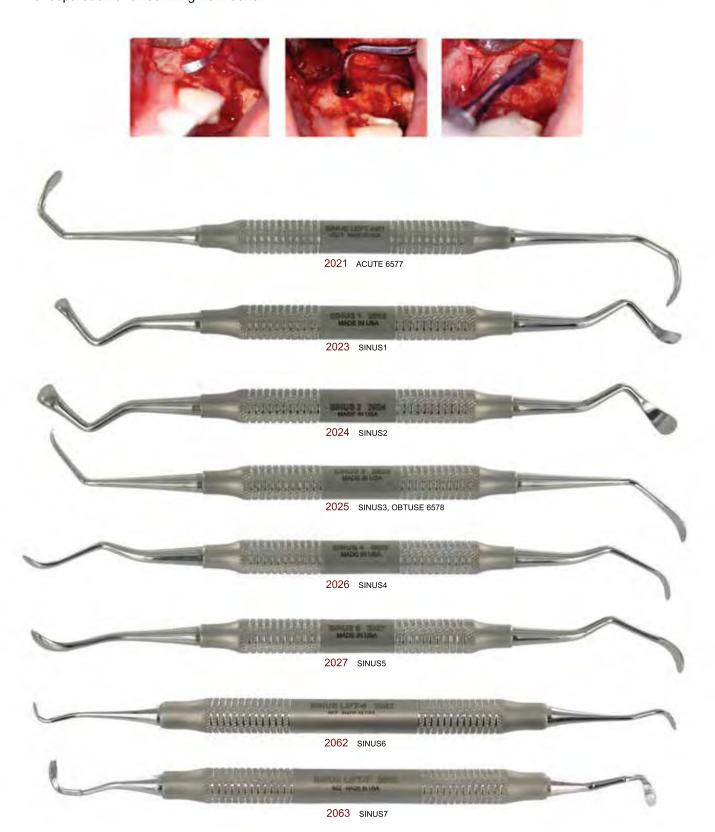
The titanium provides the surface of the instrument to be a special non-stick design.







Allows for transport of the bone graft chips from implant cavity or for condensing them apically. For separation of sinus lining from bone.

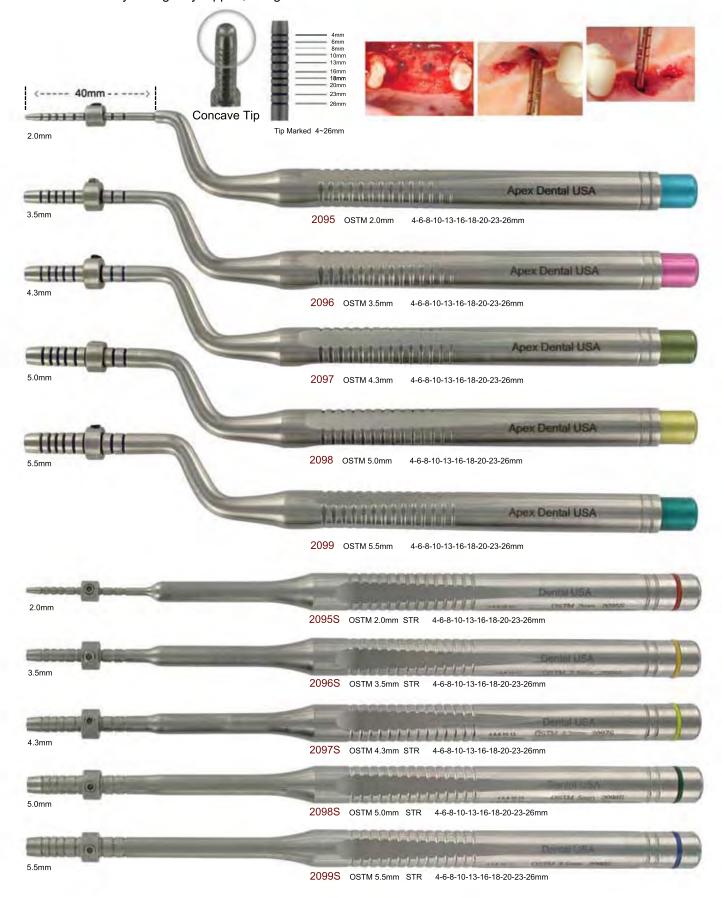


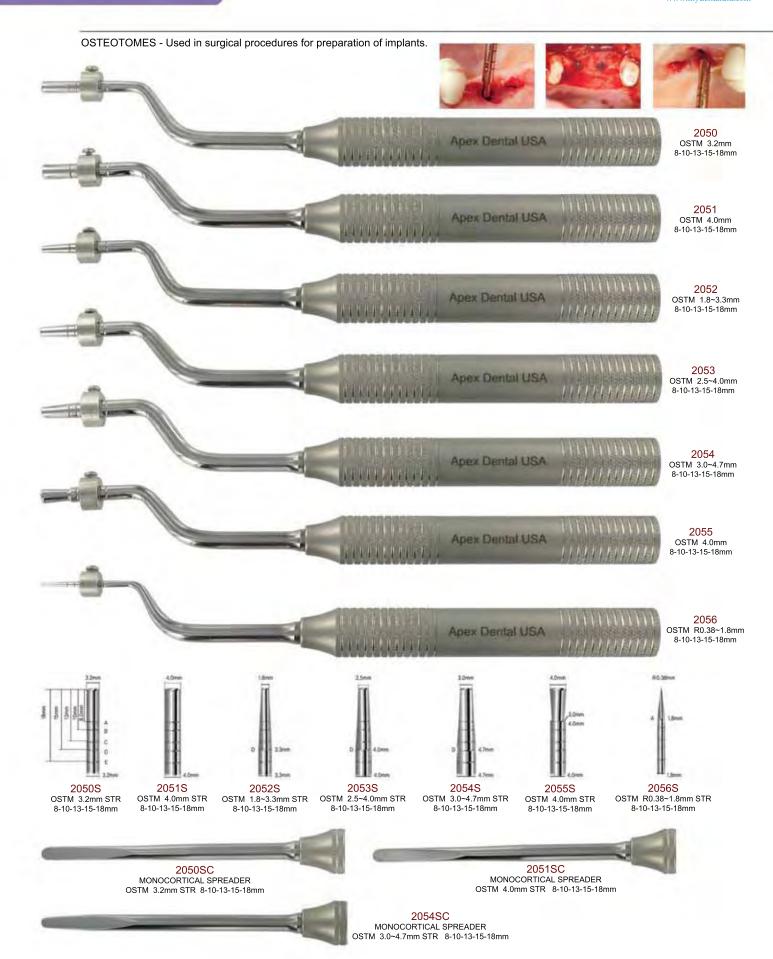
Commonly used implant instruments.





Concaventional osteotomes are made to the sinus floor. Sinus osteotomes are inserted into the osteotomy then gently tapped, lifting the cortical bone at the sinus floor 2~4mm.measurement.







Osteotome - Surgical instruments used to cut or divide bone.



Commonly used for implant procedures.





Commonly used for implant procedures.



Commonly used implant instruments.



Commonly used implant instruments.



The ergonomic hold - The design of tissue and cotton pliers prevents slipping while reducing the weight over 20%.

UNIQUE GRIP DESIGN





Commonly used implant instruments.







For holding and guiding the needle securely during suturing.





For pulling, lifting up the periosteum and making the tooth loosen from the periodontal ligament for easy extraction.



3775 ACCU LUX-LARGE MESIAL



Operative E

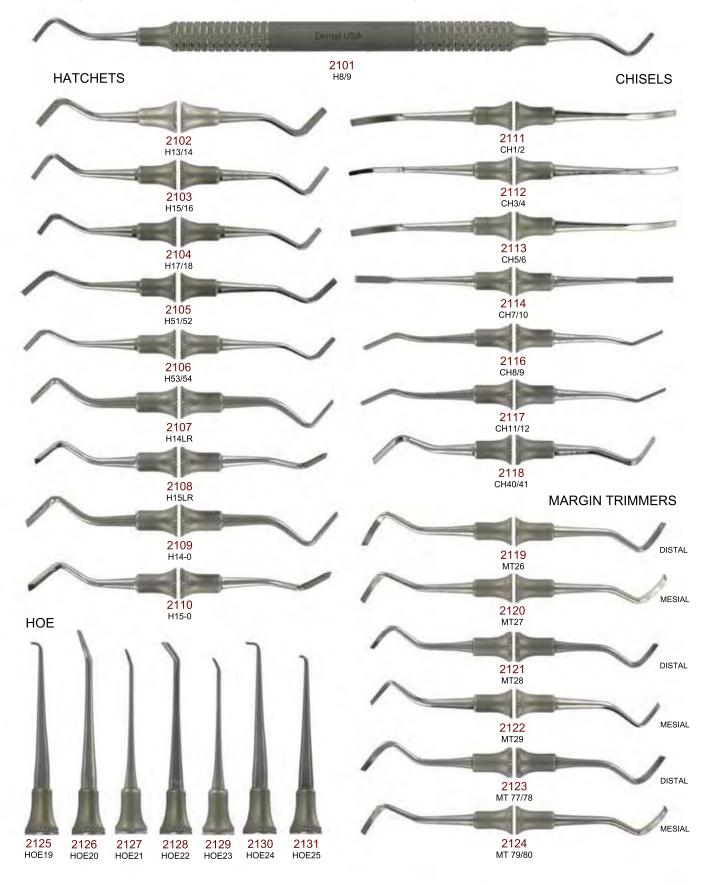
COMPOSITE SET UP 19 INS (Recommended)



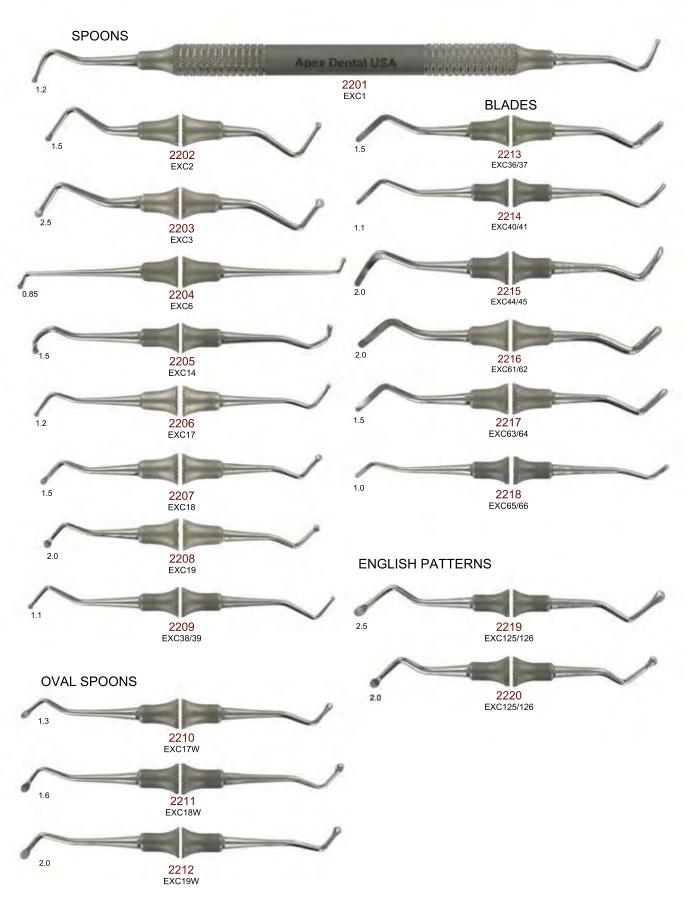
Chisels/Excavators
Plugger/Condensers
Carvers/Carving Knives
Burnishers
Calcium Placers
Plastic Filling
Gingival Retractors

Cord Packers
PKT Waxing
Amalgam Carriers
Titanium (Caver/Plugger
Plastic Filling/Burnisher)
Matrix Retainers

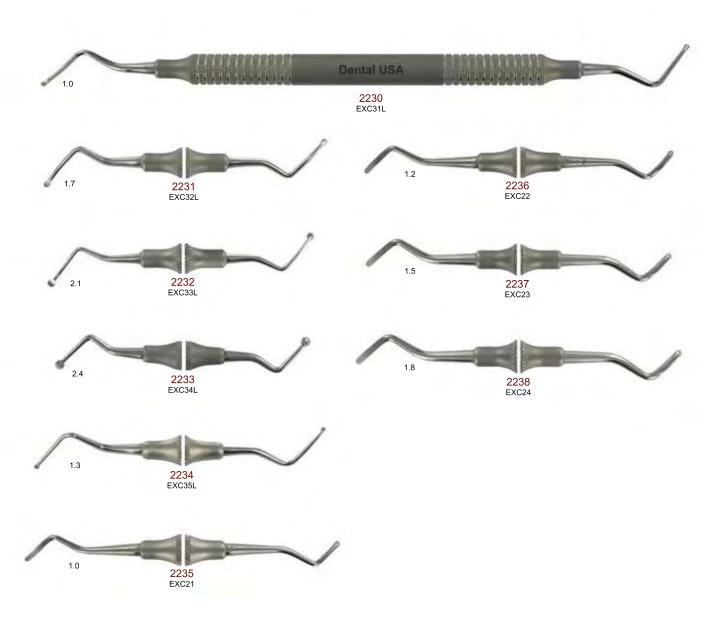
- * Hatchets : For cavity preparation and removing hard caries.
- * Hoes : For forming line angles on anterior area.
- * Chisels: For refining the cavity preparation.
- * Margin Trimmer : For producing proper bevel on enamel margins.



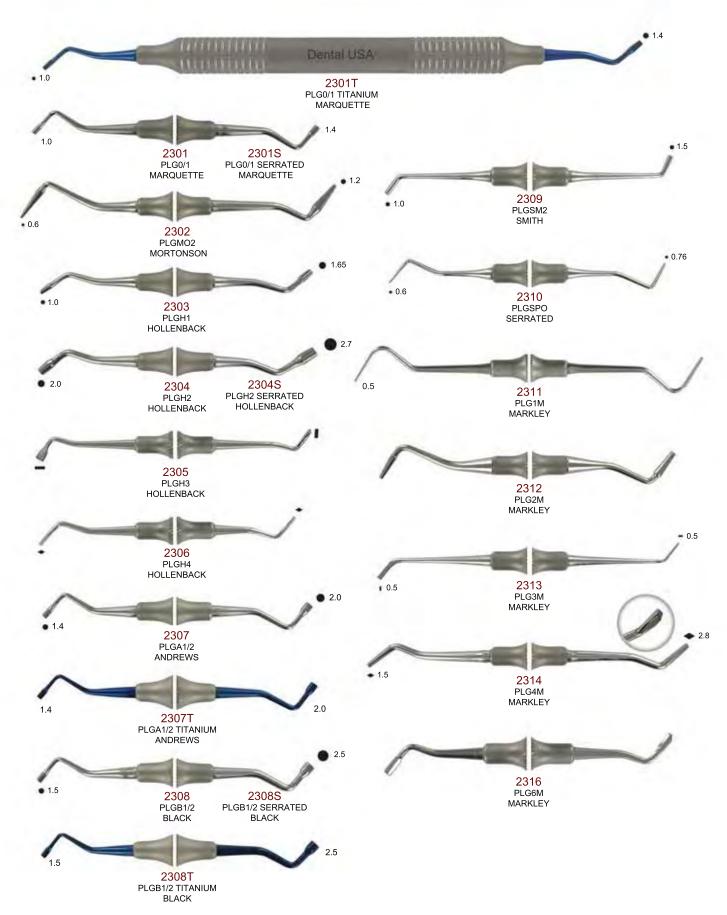
For removing debris and decay from cavities.



For removing debris and decay from cavities.



For packing and filling materials into cavity preparations.





For carving anatomical features, smoothing surfaces and trimming excess materials.







For trimming excess filling materials.



For condensing and smoothing carved amalgam.



For condensing and smoothing carved amalgam.



For composite placing and shaping.

FLEXIBLE-THIN COMPOSITE





For composite placing and shaping.



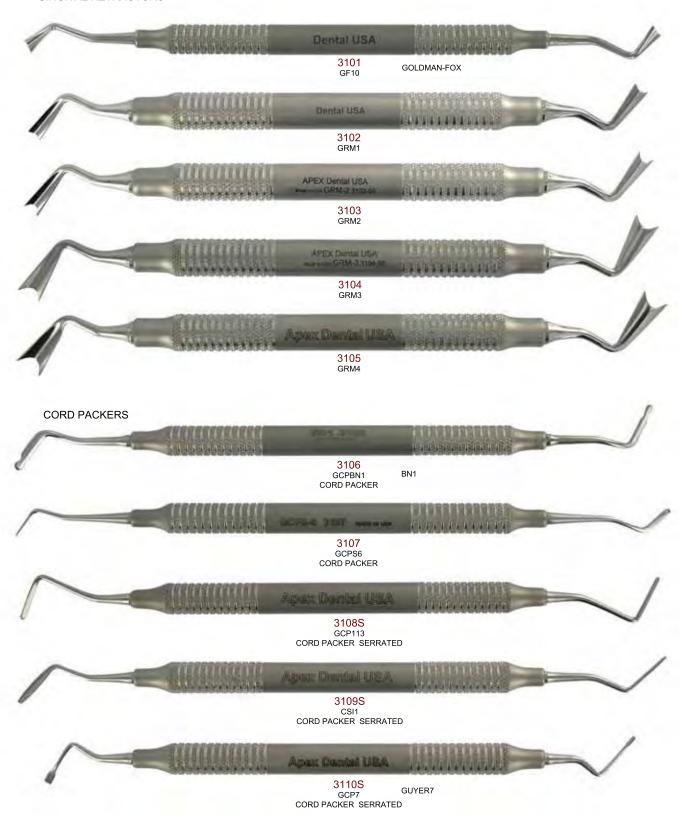
For composite placing and shaping.





- * Gingival Retractors : For protecting tissue during cavity preparations and placement of composite fillings.
- * Cord Packer: For protecting tissue of gingival area by putting the thread between teeth and gingival area.

GINGIVAL RETRACTORS



- * Gingival Retractors : For protecting tissue during cavity preparations and placement of composite fillings.
- * Cord Packer: For protecting tissue of gingival area by putting the thread between teeth and gingival area.
- * For shaping, carving and flowing of molten wax.





For carrying and dispensing amalgam materials.



4311 AMALGAM WELL SMALL



2422T KTO TITANIUM







For filling in the amalgam materials when cavity occurs at the side of tooth. Matrix Retainer - To hold metal bands or strips around the tooth creating a temporary mold while filling material is packed into place.



Endodontic F



ENDODONTIC SET UP 16 INS (Recommended)

1. 1006 3EZ EXPLORERS EXD 5 2. 1026 3EZ EXPLORERS DG16 3. 1104 3EZ EXPLORERS CP12 2230 4EZ EXCAVATORS 31L

3308 3EZ PLUGGERS/CONDENSERS 5/7 6 3410 3EZ ENDODONTIC SPREADERS D11T 7. 3416 4EZ ENDODONTIC HEAT CARRIERS MA57

8. 6520 FORCEP SELF-LOCKING 16CM 9. 6911 6EZ MIRROR HANDLE #6 C/S

10. 6951 #5 MIRROR C/S FRONT SURFACE 11. 7236 **IVORY LIGHT WEIGHT 17CM**

12. 7502 CASSETTES 16 HOLD DOUBLE DECK

13. N #1 RUBBER DAM CLAMP #2 RUBBER DAM CLAMP 14. N 15. N #9 RUBBER DAM CLAMP 16. N #26 RUBBER DAM CLAMP



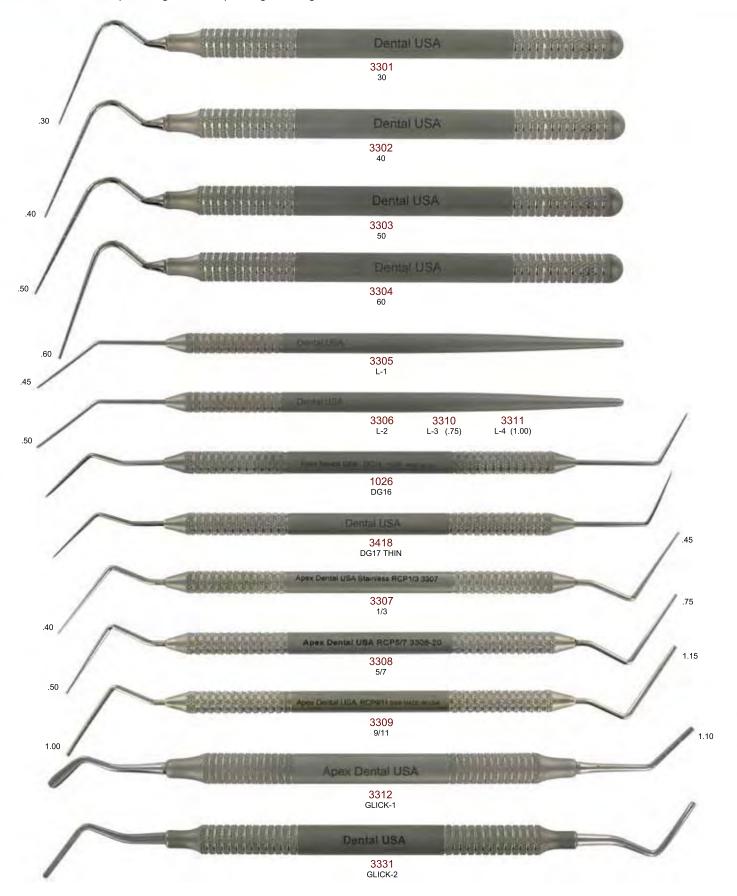
HANDLE OPTION

- * 3EZ D/E OR S/E
- * 4EZ D/E OR S/E

Pluggers & Condensers Spreaders Rcp/Rcs Endo Forcep/Finger Ruller Rubber Dam Clamps & Accessories **Rubber Dam Instruments** Rubber Dam Set with Plate

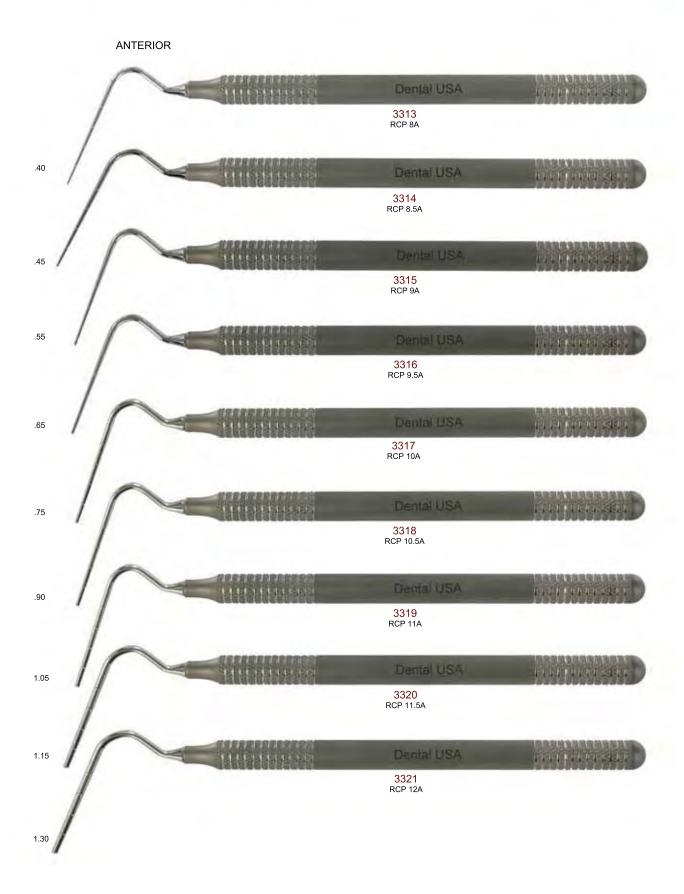


For vertical pressing and compacting of filling materials.



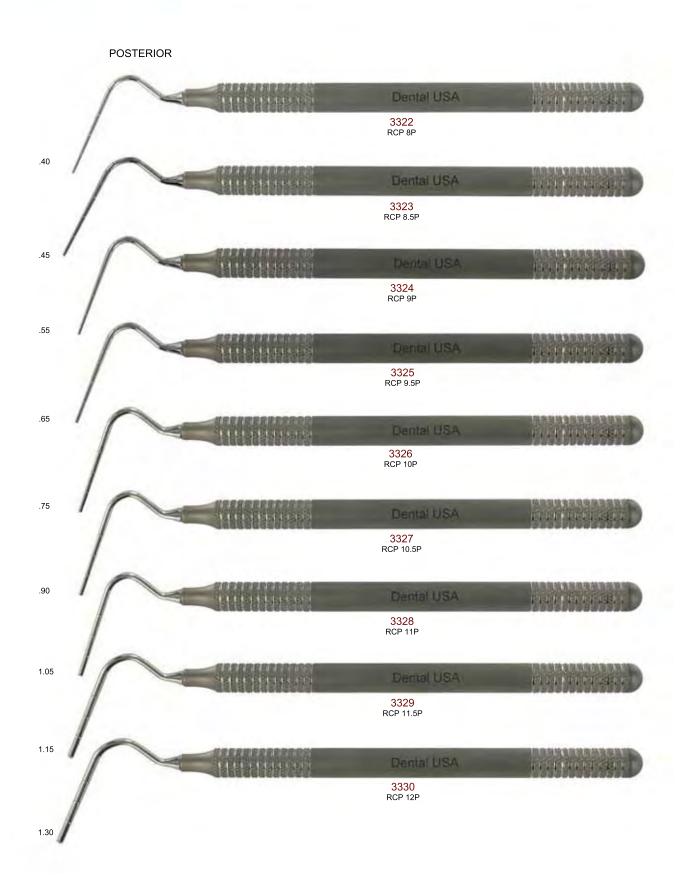


For vertical pressing and compacting of filling materials.



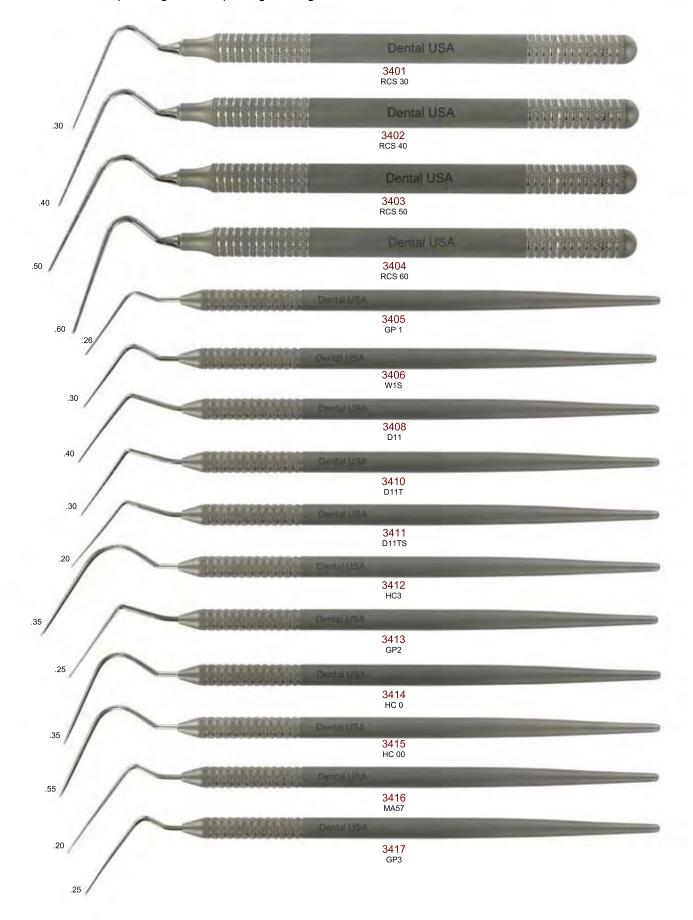


For vertical pressing and compacting of filling materials.





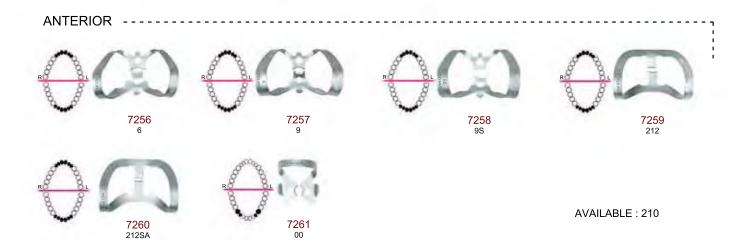
- * For filling solid medicine materials into the endodontic area during lateral condensation.
- * The function of spreaders is similar to Pluggers and Condensers.
- * For lateral pressing and compacting of filling materials.







Rubber Dam Clamp – Stabilizes and holds the dam secure.







Rubber Dam Clamp – Stabilizes and holds the dam secure.

UPPER MOLARS -----



7223 205 AVAILABLE: 31A, 51A

MOLARS - UNIVERSAL



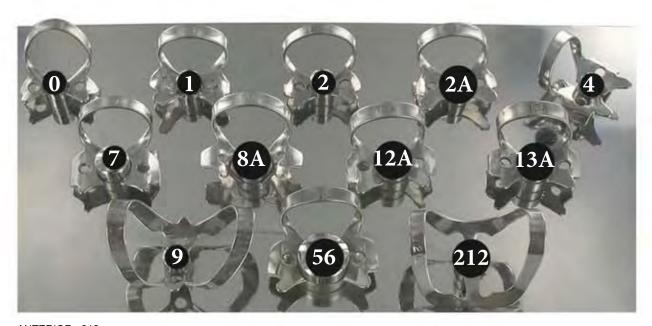


Rubber Dam Clamp – Stabilizes and holds the dam secure.



7245 12 DAM PLATE

7246 12 DAM PLATE with DAMS (0, 1, 2, 2A, 4, 7, 8A, 9, 12A, 13A, 56, 212)



ANTERIOR: 212

PREMOLARS: 0, 1, 2, 2A, 9 UPPER MOLARS: 4, 56 LOWER MOLARS: 7, 12A, 13A MOLARS-UNIVERSAL: 8A

Surgical G

SURGICAL SET UP 13 INS (Recommended)

1. 1812 6EZ SURGERY KNIVES KOR1/2 2. 2001 6EZ SURGICAL CHISELS 13K/TG 3. 3509 6EZ PERIOSTEALS PR3 4. 3513 6EZ PERIOSTEALS ALLEN9 5. 3514 6EZ PERIOSTEALS 24G

6. 4107 6EZ SURGICAL CURETTES LUCAS87
7. 4411 RONGEURS MICRO FRIEDMAN 15 (14.5CM)

8. 4618 STAINLESS STEEL RULER
9. 5505TN T/C MICRO CRILE-WOOD STR 15CI

10. 5905 KELLEY SCI, 16CM 11. 6420 RETRACTORS MINNESOTA 12. 6501 PLIERS ADSON 12CM 13. 6905 SCALPEL HANDLE 5



Periosteals/Retractors
Surgical Currettes(Spoon)
Bone Chisels
Bone File/Mallet/Chisels
Bone Rongeurs
Root Splinters
Sponge/Dressing Forcep
Haemostatic Forceps
Needle Holders T/C

Mathieus Gum Scissors Suture Scissors T/C Raspatories Skin Hooks Retractors Scalpel Handles Syringes









G5







For curettage and cyst removal.





G8

For curettage and cyst removal.





* Bone Chisels : For final smoothing of bone by pushing out.









* Bone Files : For splitting and removing bone by pulling out.





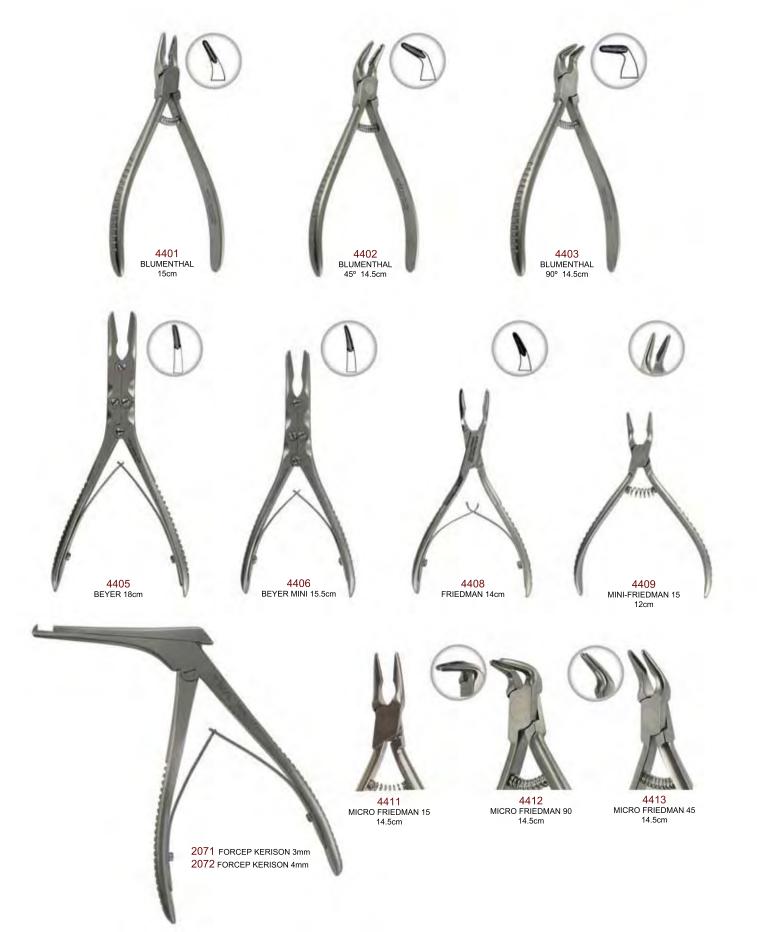
* Mallet : Used with a chisel to split teeth.



Gouges: For scooping the bone.



For tooth extraction as a whole by trimming and recontouring alveolar bone. For gross tissue removal.

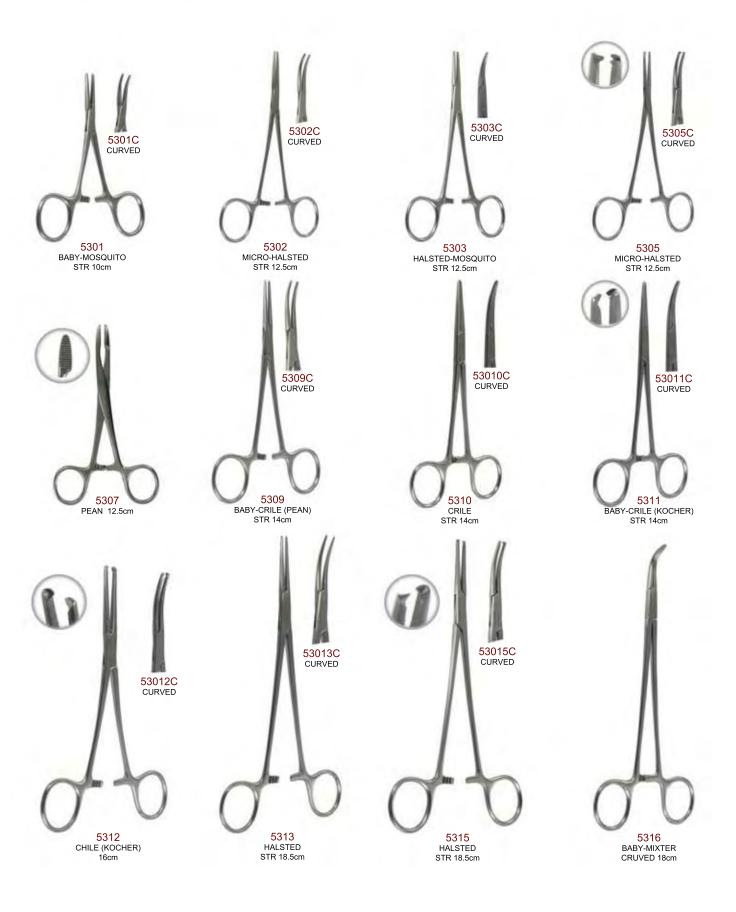


For extracting root tips of the tooth where normal forceps cannot reach.

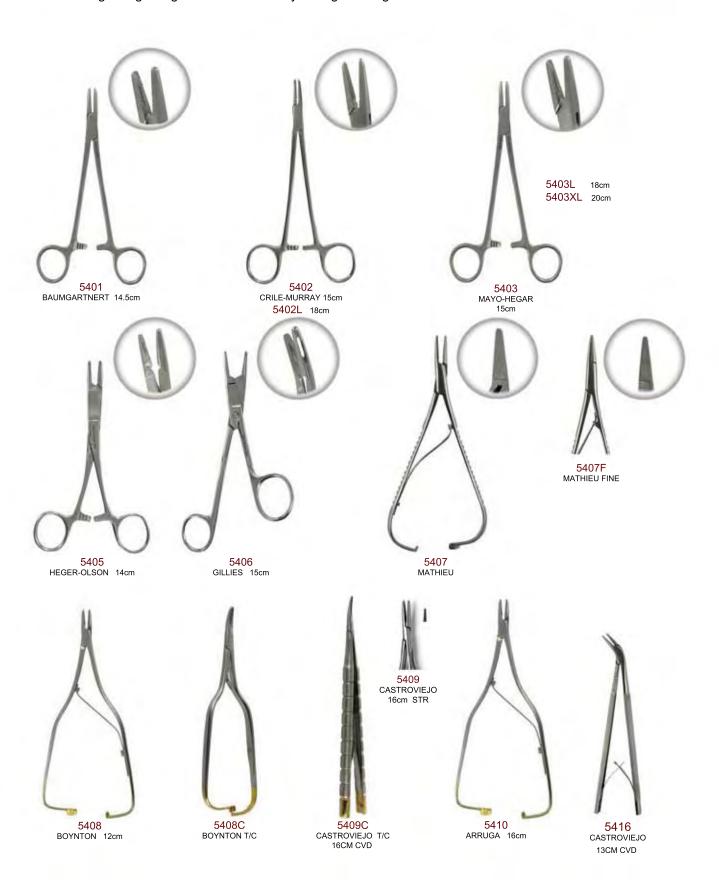




Haemostatic Forceps – Locking forceps for seizing the end of a blood vessel to control hemorrhage.



For holding and guiding the needle securely during suturing.



For holding and guiding the needle securely during suturing.



High-tech welding of tungsten carbide greatly improves the durability and serration. Exceptionally upgrades the performance.



For holding and guiding the needle securely during suturing.



For cutting threads and gum.





For cutting threads and gum.





For cutting threads and gum.





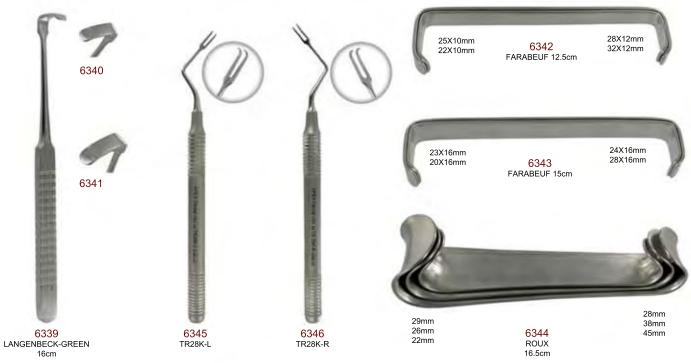
- * Skin Hooks : For hooking skin during surgery.
 * Retractors : For holding back the lips and cheeks.



Skin Hooks: For hooking skin during surgery.

Retractors: For holding back the lips, cheeks, and tongue.





Retractors: For holding back the lips, cheeks, and tongue.

Mouth Gag: To prop open the mouth and prevent it from closing.



Retractors: For holding back the lips, cheeks, and tongue.





Scalpel handle: For holding a mess blade.

6901 A/V Blade Size: 20, 21, 22, 23, 25

6902, 6903, 6904, 6905, 6905D, 6906, 6907, 6920, 6923 A/V Blade Size: 10, 11, 12, 12B, 15, 15C



SYRINGES – An instrument for injecting anesthetics from a cartridge.

3-WAY SYRINGES – Supplies air, water, or a mist through separate interval channels created by combining pressurized air with water flow.



Elevators H

SURGICAL SET UP 13 INS (Recommended)

1. 1812 6EZ SURGERY KNIVES KOR1/2
 2. 2001 6EZ SURGICAL CHISELS 13K/TG

3. 3509 6EZ PERIOSTEALS PR3 4. 3513 6EZ PERIOSTEALS ALLEN9 5. 3514 6EZ PERIOSTEALS 24G

6. 4107 6EZ SURGICAL CURETTES LUCAS87

7. 4411 RONGEURS MICRO FRIEDMAN 15' (14.5CM)

8. 4618 STAINLESS STEEL RULER

9. 5505TN T/C MICRO CRILE-WOOD STR 15CM

10. 5905 KELLEY SCI, 16CM

13.6905

11. 6420 RETRACTORS MINNESOTA 12. 6501 PLIERS ADSON 12CM





HANDLE OPTION

- * Elevator Small
- * Elevator Large

Elevators Root Tip Picks Luxator Set

All Handles are Unique Design Shown actual size.







(E12M)



(E34)







3706 SELDIN 34S 3707 SELDIN H40 (E40) UPPER & LOWER ANTERIOR ROOTS (E34S)

3708 HEID BRINK 41 (E41) UPPER & LOWER ANTERIOR ROOTS



3709 APEXO 80 (E80)



3710 APEXO 81 (E81) UPPER ANTERIOR AND ROOTS



3711 APEXO 81E (E81E) ANTERIOR AND ROOTS



3712W APEXO 301 APEXO 301 APEXO 302 WIDE (E301W) (E301) (E302) 3712S 3712WS

SERRATED

SERRATED



3714 SELDIN 2S (E2S) LOWER 3RD MOLARS



APEXO 303 (E303)

3701 HEID BRINK1 UPPER & LOWEER ANTERIOR AND ROOTS



CRANE PICK 8 SMALL (E12)



SELDIN 1L (E4L) UPPER AND LOWER MOLAR ROOTS



SELDIN 1R (E4R)



(E1L) 3RD MOLAR

(E1R)



3721 CRYER M 25



3722 CRYER M 26

All Handles are Unique Design Shown actual size.









3747S S-BURNARD 3 S (BER6)



3750S S-BURNARD 4S (BER7)



3810 FLOHR 4mm (E3S)



3801S FLOHR 3R SMALL THIN



3804 KOPP 2L



3805 KOPP 1STR



3806 KOPP 3R





3812 FLOHR 3mm



3813 FLOHR 2mm









For removing residual root tips of tooth.



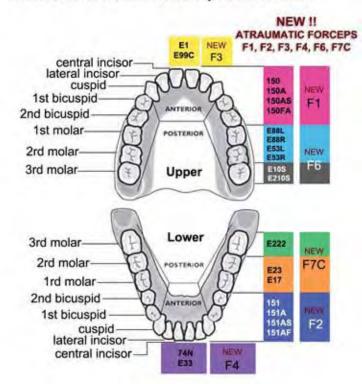


Forceps |

SURGICAL SET UP 13 INS (Recommended)

- 1. 1812 6EZ SURGERY KNIVES KOR1/2 2. 2001 6EZ SURGICAL CHISELS 13K/TG
- PERIOSTEALS PR3 3 3509 6EZ 4. 3513 6EZ PERIOSTEALS ALLEN9
- 3514 6EZ PERIOSTEALS 24G
- 6. 4107 6EZ SURGICAL CURETTES LUCAS87
- RONGEURS MICRO FRIEDMAN 15' (14.5CM) 7. 4411
- 8. 4618 STAINLESS STEEL RULER
- 9. 5505TN T/C MICRO CRILE-WOOD STR 15CM
- 10.5905 KELLEY SCI, 16CM
- 11.6420 RETRACTORS MINNESOTA 12.6501 PLIERS ADSON 12CM 13.6905 SCALPEL HANDLE 5

Names of the anterior and posterior teeth





New Atraumatic Forceps American Pattern Forceps **English Pattern Forceps** American Pattern Forceps Pedo Atraumatic Forceps

Improved tapered beaks for complete root contact. Cross serrations for a never slip grasp. Easily enter the sub gingival. Unique Design.

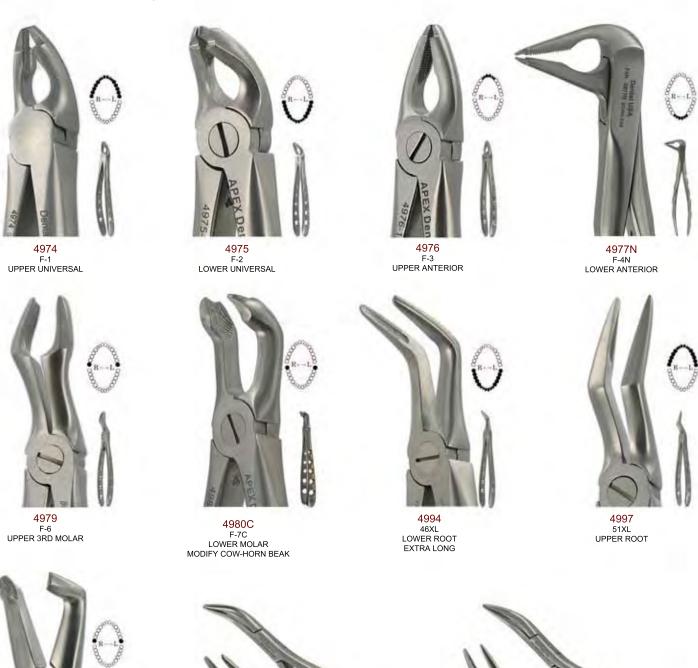


Our Unique tip design makes it mold to the individual shape of your patient's tooth.

The smooth handle with openings, allows for more thorough and easier cleaning.

The newly styled handle allows a more uniform transmission while applying pressure, pulling and for rotary movements. More comfortable handle design can be used by right or left-handed practitioners!

Our handles are lighter and are easier to use.





4831 222 LOWER WISDOMS





American Pattern/English Pattern/Unique Design/Children's Pattern.

Root Splinter and Extraction Tweezer: For removing the residual part of tooth root.

All Handles are Unique Design Shown actual size.



4801AF 1AF UPPER ANTERIORS



UPPER CENTRALS LATERALS & CUSPIDS







4804 10H UPPER MOLARS HOOK HANDLE



4807 16 LOWER MOLARS COW-HORN BEAK



5 LOWER THIRD MOLARS



4805 15 LOWER MOLARS



4808 17 LOWER MOLARS



6 SPLITTING FORCEPS



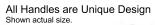
16S LOWER MOLARS



4809 18L LOWER MOLARS LEFT SIDE

American Pattern/English Pattern/Unique Design/Children's Pattern.

Root Splinter and Extraction Tweezer: For removing the residual part of tooth root.





4810 18R UPPER MOLARS RIGHT SIDE



4811 23 LOWER MOLARS COW-HORN BEAK



4812 32 UPPER MOLARS & PREMOLARS STRONG BEAK



4813 53L UPPER MOLARS LEFT SIDE



4814 53R UPPER MOLARS RIGHT SIDE



4815 UNIVERSAL FOR UPPER TEETH & ROOTS



4816 65 UPPER INCISORS



4817 69 FRAGMENTS & SMALL ROOTS



4818 10S UPPER MOLARS STRAIGHT-HANDLE



4819 88R UPPER MOLARS RIGHT SIDE



4820 88L UPPER MOLARS LEFT SIDE



4821 99C UPPER PREMOLARS & INCISORS

16

Forcep: For extracting teeth from alveolar bone.

American Pattern/English Pattern/Unique Design/Children's Pattern.

Root Splinter and Extraction Tweezer: For removing the residual part of tooth root.



4822 101 UNIVERSAL FOR PREMOLARS



4823 150 UPPER PREMOLARS **INCISORS & ROOTS CANINES**



4823AF 150AF APICAL BEAK UPPER PREMOLARS INCISORS & ROOTS CANINES



4823AS 150AS SPLIT BEAK UPPER PREMOLARS INCISORS & ROOTS CANINES



4823XAS 150XAS CHILDREN SPLIT UPPER PREMOLARS **INCISORS & ROOTS CANINES**



4824 150A UPPER PREMOLARS **INCISORS & ROOTS CANINES**



4825 1508 UPPER PREMOLARS INCISORS & ROOTS FOR CHILDREN



151 LOWER PREMOLARS



4826AF 151AF APICAL BEAK LOWER PREMOLARS INCISORS & ROOTS CANINES



4826AS 151AS SPLIT LOWER PREMOLARS INCISORS & ROOTS CANINES



4826XAS 151XAS CHILDREN LOWER PREMOLARS INCISORS & ROOTS CANINES



4827 151A LOWER PREMOLARS INCISORS & ROOTS

American Pattern/English Pattern/Unique Design/Children's Pattern.

Root Splinter and Extraction Tweezer: For removing the residual part of tooth root.



4828 151S LOWER PREMOLARS INCISORS & ROOTS FOR CHILDREN



4829 210H UPPER WISDOMS WITH HOOK HANDLE



4830 210S UPPER WISDOMS WITH STRAIGHT HANDLE



4831 222 LOWER WISDOMS



4831AF 222AF APICAL BEAK LOWER WISDOMS



4832 286 UPPER ROOTS PREMOLARS & INCISORS



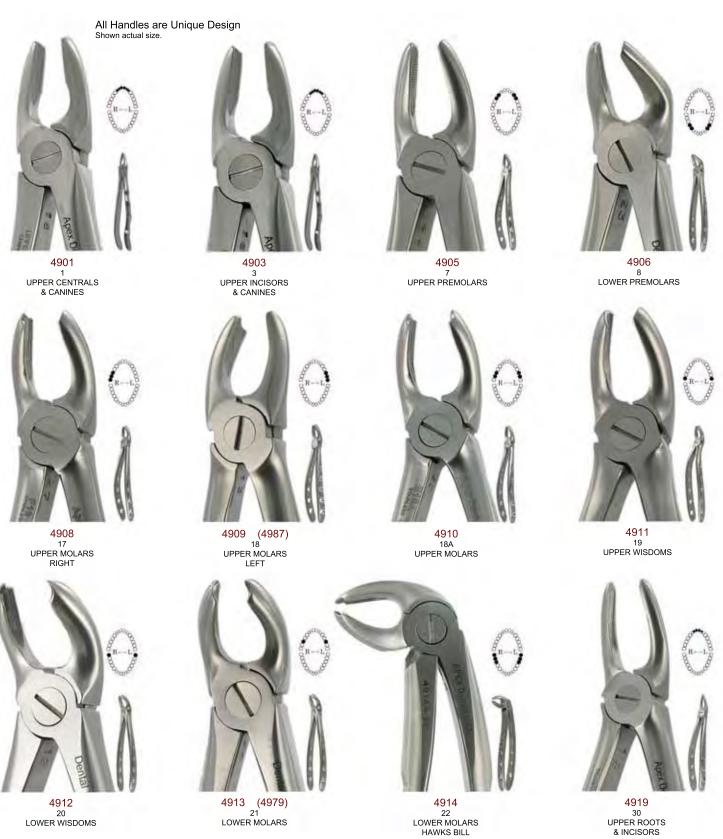


5104 ALBRECHT 16cm

American Pattern/English Pattern/Unique Design/Children's Pattern.

Root Splinter and Extraction Tweezer: For removing the residual part of tooth root.

Sponge and Dressing/Hemostats: For grasping off blood vessels and removing small pieces of root tips.



HAWKS BILL

American Pattern/English Pattern/Unique Design/Children's Pattern.

Root Splinter and Extraction Tweezer: For removing the residual part of tooth root.



4920 31 LOWER ROOTS



4921 32 LOWER MOLARS



4922 33 LOWER ROOTS



4925 33M LOWER ROOTS WITH LONG BEAK



4927 44 UPPER ROOTS



4928 45 LOWER ROOTS



4930 (4991) 51A UPPER ROOTS NARROW BEAK



4936 (4979) 67 UPPER WISDOMS



4937AF 67AF APICAL BEAK UPPER WISDOMS



4938 68 LOWER ROOTS



4939 73 LOWER MOLARS (HAWKS BILL)



4940 74 LOWER INCISORS & ROOTS

American Pattern/English Pattern/Unique Design/Children's Pattern.

Root Splinter and Extraction Tweezer: For removing the residual part of tooth root.



74N LOWER INCISORS & ROOTS CANINES



4942NF 74NF LOWER INCISORS & ROOTS



4946 (4980) 79 LOWER WISDOMS



4947 79A LOWER WISDOMS



4950 86C LOWER MOLARS



4952 89 UPPER MOLARS RIGHT



4953 90 UPPER MOLARS LEFT



4954 (4986) 94 UPPER MOLARS RIGHT



4955 (4987) 95 UPPER MOLARS LEFT



4958 121 UPPER WISDOMS



4961 (4983)
167
UNIVERSAL PATTER
FOR LOWER TEETH
MOLARS & PREMOLARS



4962 168 UPPER CANINES

American Pattern/English Pattern/Unique Design/Children's Pattern.

Root Splinter and Extraction Tweezer: For removing the residual part of tooth root.



F-11 UPPER MOLAR

112

Forcep: For extracting teeth from alveolar bone.

American Pattern/English Pattern/Unique Design/Children's Pattern.

F-12 UPPER MOLAR RIGHT

Root Splinter and Extraction Tweezer: For removing the residual part of tooth root.

Sponge and Dressing/Hemostats: For grasping off blood vessels and removing small pieces of root tips.



RIGHT

Forcep: For extracting teeth from alveolar bone.

American Pattern/English Pattern/Unique Design/Children's Pattern.

Root Splinter and Extraction Tweezer: For removing the residual part of tooth root.

Sponge and Dressing/Hemostats: For grasping off blood vessels and removing small pieces of root tips.



F-15 UPPER PREMOLARS UNIVERSAL



4989 F-16 UPPER ROOT



4990 F-17 LOWER ROOT



4991 F-18 UPPER ROOT FRAGMENT NARROW



4991TN F-18TN UPPER ROOT FRAGMENT NARROW



4992 F-19 LOWER ROOT FRAGMENT NARROW



4992NW F-19NW LOWER ROOT FRAGMENT NARROW



46XL LOWER ROOT EXTRA LONG



4995 F-20 UPPER PREMLAR 1ST & 2RD MOLARS



4996 49 UPPER ROOT



4997 51XL UPPER ROOT

ALL HANDLES ARE UNIQUE DESIGN



PEDODONTIC PATTERNS -----



4974B F-1 UPPER UNIVERSAL PEDO



4975B F-2 LOWER UPPER PEDO



4976B F-3 UPPER ANTERIOR PEDO



4977B F-4 LOWER ANTERIOR PEDO



4978B F-5 LOWER ANTERIOR PEDO



4979B F-6 UPPER 3RD



4980B F-6 LOWER 3RD PEDO



4989B F-16 UPPER ROOT PEDO



4990B F-17 LOWER ROOT PEDO



5022 B23 LOWER MOLAR PEDO



5019 150-SK UPPER UNIVERSAL



5020 151-SK LOWER UNIVERSAL

Crown Instruments

J

CROWN AND BRIDGE SET UP 19 INS (Recommended)

1006 1104 1310 3EZ EXPLORERS EXP 5 1EZ COLOR PROBE CP12 6EZ SCALERS/CURETTES C11, CEMENT REMOVER 6EZ SCALERS/CURETTES MC1, CEMENT REMOVER 1318 2102 2103 4EZ HATCHETS H13/14 4EZ HATCHETS H15/16 2206 **4EZ EXCAVATORS 17** 8. 2501 4EZ CARVERS IPC 9. 2702 4EZ CARVING KNIVES 21 10. 2807P 4EZ ACCURATOR-PLACER 10. 2007 4EZ PLASTIC FILLING TUFTS4
12. 3109 4EZ CORD PACKER CSI1
13. 4602T CROWN SCISSOR CVD T/C
14. 4706 FORCEP PAPER FORCEP PAPER
FORCEP LONDON-COLLEGE
SPATULAS
6EZ MIRROR HANDLE #6 C/S 15. 6517 16. 6807 17. 6911 18. 6951 #5 MIRROR C/S FRONT SURFACE 19. 7502N CASSETTE 16 HOLD DOUBLE DECK CEMENT REMOVER, 1310(C11) + 1318(1) 20. N

Crown Scissors
Crown Remover Plier
Crown Spreader Forcep/Gripper
calipers
Crown Removers/Spreaders Teeth

Impression Tray Set up Tray Endo Box Bone Tray Alcohol Lamp Crown Scissors – For removing crowns permanently by cutting off the seal between tooth and crown after splitting with a bur.

Crown Spreader – For splitting and spreading the crown open for removal.

Crown Remover – For gripping onto the crown and removing from the tooth





For removing crowns permanently by cutting off the seal between tooth and crown after splitting with a bur. Measuring Instruments – For taking accurate measurements in specific places around the bone.





For forming a crown frame.



^{*} All Dimension are in 'mm'

288 X 187 X 29mm(WITH LID)



SOLID BASE



SCALERS TRAY





215 X 127 X 13mm 215 x 165 x 16mm



ENDODONTIC BOX



SPIRIT LAMP



SHARPENING STONE INDIA SLIP



SHARPENING STONE ARKANSAS FLAT



TRAY IMPLANT



TRAY IMPLANT

Orthodontic K

ORTHODONTIC SET UP 12 INS (Recommended)

1. 1203 6EZ SCALERS/CURETTES H5/33

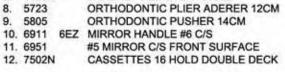
5603 WIRE CUTTER 15 T/C

3. 5607 WIRE CUTTER STR THIN SOFT NON T/C

4. 5611 PLIER WEINGART THINNER 5. 5617 PLIER ADHESIVE REMOVE

6. 5718 BIRD BEAK 12.5CM WITH SOFT WIRE CUTTER

7. 5620A BRACKET REMOVER ANGLE





Cutters & Pliers Band Seat/Placing Mathieus For cutting wire during orthodontic procedures.





5602 Distal End Flush T/C 0.12"(0.3mm) to 0.021" X 0.025" (0.53 X 0.64mm)



5602H Distal End Cutter & Hold T/C 0.12"(0.3mm) to 0.021" X 0.025" (0.53 X 0.64mm)



5603 Wire Cutter 15° T/C 0.022" X 0.025" (0.56 X 0.64mm)



5604 Wire Cutter STR T/C 0.022" X 0.025" (0.56 X 0.64mm)



5607 Soft Wire STR 0.012" (0.3mm)



5607K Soft Wire STR



5624 Hard Wire Cutter STR 0.025" (0.64mm)



Soft Wire 15° 0.012" (0.3mm)



5625 Hard Wire Cutter 15° 0.025" (0.64mm)



5608K Soft Wire 0.012" (0.3mm)



5632 SOFT WIRE CUTTER (Max) 0.012" (0.30mm)

5609S Soft Wire Cutter Light Weight 15° Slim 0.012" (0.3mm)



5603, 5608, 5609S Cutter 15°

For cutting or bending wire during orthodontic procedures.

BAND REMOVER: A special plier that is used to remove orthodontic bands from teeth.

BRACKET REMOVER: For use in the removal of the bracket from the tooth.

BAND SEATER: For use in placement of the band around the tooth.



5610 WEINGART (THICKER)



5611 WEINGART (THINNER)



5611K WEINGART T/C (THINNER)



5612 HOW (STRAIGHT)



5613 HOW (STRAIGHT & LONG)



5614 HOW (ANGLED)



5615 HOW (ANGLED)



5616 PLIER (BAND SEATING)



5617 PLIER (ADHESIVE REMOVER)



5618 PLIER (BAND REMOVER)



5620 PLIER (BRACKET REMOVER)



5620A PLIER BRACKET REMOVER



5621 PLIER



5622 HOW 15cm



5623 NERVE CANAL NARROW 12.5 cm



For bending wire during orthodontic procedures.



5701 WALDSACHE



5702 UNIVERSAL 16cm



5703 NANCE 13.5cm



5704 ADERER 14.5



5705 GOSLEE ONE SERRATED 14cm DOUBLE SERRATED 14cm



5706 GOSLEE



5709 ARROW CLASP BENDING 12cm



5710 ARROW CLASP FORMING 12cm



5712 PEESO 13.5cm



5714 POINTED JAWS 14cm



5716 SLIM NOSE JARABEK 14cm



5717 13cm



5718 BIRD BEAK 12.5cm



5718L BIRD BEAK 15.5cm



5718T BIRD BEAK T/C WIHT CUTTER 12.5cm



5721 SCHWARZ 13.5cm



5723 THREE JAW ADERER 12cm



5723S THREE JAW ADERER SMALL 11.5cm



5724 TWEED 12cm



5725 OBRIEN 13 .5cm



5725T LOOP WITH CUTTER 13.5cm



5726 WIRE BENDING 12.5cm



5727 YOUNG 12.5cm



5728 CLASP FORMING



For bending wire during orthodontic procedures.



ADAMS 12.5cm



FREVERT 12.5cm



NANCE 12.5cm



GROVES BENDING 12.5cm



BENDING PLIER 0.25mm 12.5cm

BENDING PLIER 0.50mm 12.5cm

BENDING PLIER 0.75mm 12.5cm



BENDING PLIER 1mm 12.5cm



PUSHING & TIGHT 12cm



HOLLOW CHOP CONTOURING PLIERS



Commonly used instruments in orthodontic procedures.



Commonly used instruments in orthodontic procedures.



For filling in the amalgam materials when cavity occurs at the side of tooth.

Matrix Retainer – To hold metal bands or strips around the tooth creating a temporary mold while filling material is packed into place.







For holding and guiding the needle securely during suturing.







MATHIEU





5811 ELASTIC PLIER 14cm





K9

5812 5812C

MATHIEU LIGATURE
PLACING PLIERS
14cm PLACING PLIERS
CVD 14cm



5414 MATHIEU DELICATE STRAIGHT 15cm



5415 MATHIEU DELICATE CURVED 15cm



5501 MATHIEU THINNER STRAIGHT 14cm

5502L MATHIEU STR 17cm CARBIDE



partner relationship with all customers.

As a deeply rooted tree shall withstand the strongest wind, we believe the key is to establish and maintain a trustworthy partnership with all our customers. Therefore, we shall continue to devote ourselves in building that fundamental trust throuh crafting dependable Dental USA instruments.

Most rational choice for your safe treatment and success-Dental USA, Inc.

General Instruments L



Tissue Pliers/Forceps
Wax Knives/Spatulas
Suction Tubes
Towel Clamps
Cassettes
Ultra Sonc Scaler Cavitrons

The ergonomic hold - The design of the tissue and cotton pliers prevents slipping while reducing the weight by 20%.

UNIQUE GRIP DESIGN 6501 ADSON 12cm Dental USA 6501L-20 6501L ADSON 15Cm BENTA-20 PARTON DISTORAL WILLIAMS 6501A ADSON 12cm 6502-15 6502 ADSON TEETH 12cm Dental USA 6502A ADSON TEETH 12cm CVD APEX Georg USA 25031-45 Binishee Cheef 6502L ADSON TEETH 15cm APEX Deliver use. 6502B ADSON BROWN 12cm APEX Deelal USA 65028t-50 Stainless Steel 6502BL

ADSON BROWN 15cm



UNIQUE GRIP DESIGN



L4

The ergonomic hold - The design of the tissue and cotton pliers prevents slipping while reducing the weight by 20%.





The ergonomic hold - The design of the tissue and cotton pliers prevents slipping while reducing the weight by 20%.



For laboratory use for carving wax.



For laboratory use for carving wax.



TOWA INSTRUMENTS





For mixing materials and general laboratory use.



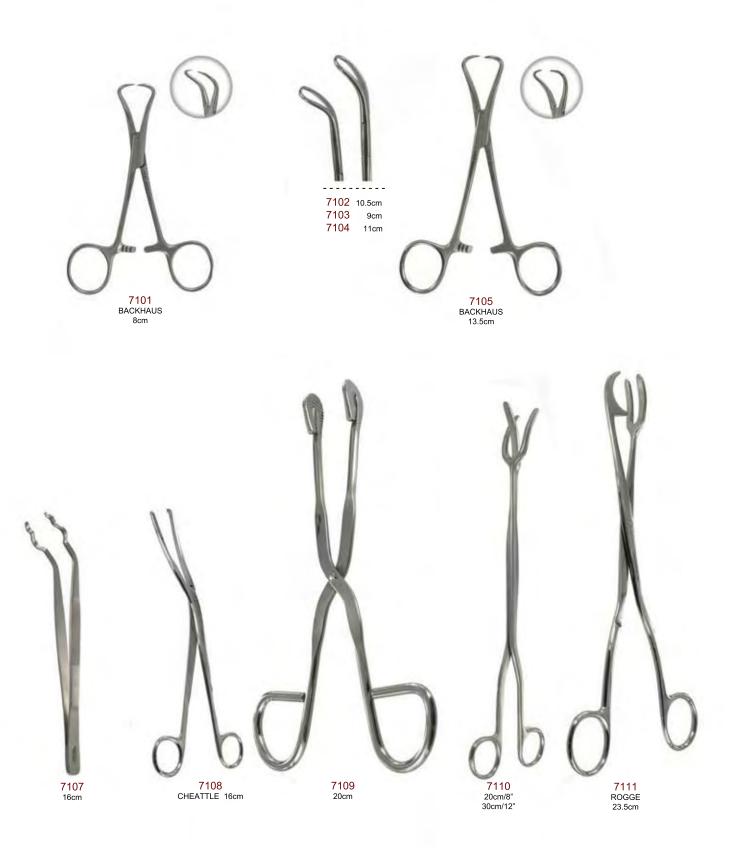
For mixing materials and general laboratory use.



Suction system tubes for removing saliva, blood, pus, and solids that accumulate during dental procedures.



Towel Clamps – Forceps used to secure drapes to the skin and to hold tissue.



Instruments not Included.



7501 5 INSTRUMENT CASSETTE (2.5" X 7" X 0.75") [64mm X 178mm X 18mm]



7503 6 INS

7503N 12 INS DOUBLE DECK

6/12 INSTRUMENT CASSETTE (3.75" X 8" X 1.25") (95mm X 203mm X 32mm)



7505-1 SCISSOR CASSETTE CLIP



7505-2 SUCTION CASSETTE CLIP



8/10/16 INSTRUMENT CASSETTE (4.75" X 8" X 1.25") (120mm X 203mm X 32mm)



7505 20 INSTRUMENT CASSETTE (8" X 11" X 1.25") (203mm X 280mm X 32mm)

Internal and external flow scaler inserts.





Precautions About the use of Chemicals for Instrument Sterilization

Chemicals not to be used for stainless steel instruments and T/C steel instruments:

Aqua Regia, Ferric Chloride, Sulfuric Acid, Hydrochloric Acid, Sodium Hypochlorite, Tartaric Acid,
Aluminium Chloride, Barium Chloride of Mercury, Calcium Chloride, Carbolic Acid, Chlorinated Lime,
Citric Acid, Dakin's Solution, Ferrous Chloride, Lysol, Mercuric Chloride, Mercury Salts, Phenol,
Potassium Permanganate, Stannous Chloride.

Do Not Mix T/C steel instruments with stainless steel instruments during the cleaning and sterilization, which could cause cross-corrosion on the stainless instruments.

Resin Instruments are to be sterilized with ultrasonic or automated cleaning and steaming. It is not recommended to sterilize it with dry heat or rapid dry heat transfer.

Anodized Aluminum is well maintained with autoclave, chemiclave or dry heat, but in ultrasonic units.

Recommended Method of Instruments Sterilization

Sterilization Method	Recommended Temperature	Expected Advantage	
Steam Autoclave	121'C for 20 minutes	Time Efficient Good Penetration Sterilize water-based liquid No Corrosion Large capacity per cost Items are dry after cycle Time Efficient No Corrosion Items dry quickly after cycle	
Dry Heat	160'C for 60 to 120 minutes		
Chemical Vapor	132'C for 20 minutes		



INSTRUMENT CLEANING AND STERILIZATION

Cleaning	All instruments need to be cleaned and thoroughly dried before they are sterilized. They should be washed with a non-corrosive, low suds, neutral detergent. Instrument cleaning can be accomplished by ultrasonic or automated cleaning, which is preferred to minimize the opportunity of sharps injuries due to hand scrubbing. Dental USA, does not suggest the use of any abrasive brushes or materials to clean instruments.
Sterilization	Sterilization is a process that kills microorganisms. There are three common methods of heat sterilization used in the dental office that can be verified by spore testing (steam autoclave, dry heat, and chemical vapor).

COMPARISON OF CLEANING METHODS

Method	Advantages	Disadvantages
Hand scrubbing	* Effective if performed properly	* Increases chances for operator injury * Increases spread of Contamination through splatter * Labor-intensive * Need proper care of scrub brush
Ultrasonic cleaning	* Safer than hand scrubbing * Effectively cleans all instruments * Reduces chances for spread of contaminants through splatter * Allows for more efficient use of staff time	 Microorganisms may accumulate in cleaning solution Ultrasonic cleaning will not remove hardened Permanent cement. (Solution: remove cement while it is still soft.)
Automated washer	* Safer than hand scrubbing * Reduces chances for spread of contaminants of contaminants through splatter and aerosols * Allows for more efficient use of staff time * Effectively cleans instruments	Not all instruments are compatible with automated washers. Please see manufacturer's instructions for detailed requirements.

COMPARISON OF HEAT STERILIZATION METHODS

(These conditions do not include warm-up time and they may vary depending on the nature and volume of the load)

Method	Sterilization Conditions	Advantages	Precautions
Steam autoclave	20 minutes at 250°F/121°C (15 psi)	Time efficient Good penetration Sterilize water- based liquid	Do not use closed containers May damage plastic and rubber items Non-stainless steel metal Items corrode Use of hard water may leave deposits Dry instruments
Unsaturated chemical vapor	20 minutes at 270°F/132°C (20–40 psi)	* Time efficient * No corrosion * Items dry quickly after cycle	Do not use closed containers May damage plastic and rubber items Must use special solution Dry instruments or dip in special solution Provide adequate ventilation Cannot sterilize liquids
Dry Heat Dry heat oven	60–120 minutes at 320°F/160°C	* No corrosion * Can use closed containers * Large capacity per cost * Items are dry after cycle	Longer sterilization time Cannot sterilize liquids May damage plastic and rubber items Do not open door before end of cycle Dry instruments
Rapid dry heat transfer	12 minutes at 350°F/177°C (wrapped items) 6 minutes at 350°F/177°C (unwrapped items)	* No corrosion * Short cycle * Items are dry after cycle	Cannot sterilize liquids May damage plastic and rubber items Do not open door before end of cycle Small capacity per cost Dry instruments Unwrapped items become contaminated after cycle



INSTRUMENT CARE

Material	Suggested Care
Stainless Steel Instruments	While stainless steel has superior corrosion resistance, it will discolor and corrode when exposed to higher than recommended chemical concentrations or certain chemicals. Stainless steel should not be exposed to the following chemicals: Sodium Hypochlorite (household bleach), Tartaric Acid (stain and tartar remover), Aluminum Chloride, Barium, Chloride, Bichloride of Mercury, Calcium Chloride, Carbolic Acid, Chlorinated Lime, Citric Acid, Dakin's Solution, Ferrous Chloride, Lysol, Mercuric Chloride, Mercury Salts, Phenol, Potassium Permanganate, Potassium Thiocyanate or Stannous Chloride. The following chemicals should NEVER be used with stainless steel: Aqua Regia, Ferric Chloride, Sulfuric Acid, Hydrochloric Acid or Iodine.
Carbon Steel Instruments	Carbon steel instruments are more sensitive to chemicals than stainless steel and require special handling. Carbon steel should NOT be exposed to any of the previously listed chemicals for stainless steel. Separate carbon steel instruments from stainless steel instruments throughout the cleaning and sterilization process. If processed together, the carbon steel instruments will likely create cross-corrosion on the stainless instruments. Carbon steel instruments should be thoroughly dried prior to sterilization to prevent rusting and/or corrosion. Use a protective rust-inhibitor before sterilization.
Hinged Instruments	All hinged instruments—forceps, rongeurs, scissors, pliers, hemostats, orthodontic pliers, etc.—should be kept lubricated. Regular use of proper lubricants, like Instrument Lubricant Spray (ILS), will prevent rust, corrosion and stiff joints and will ensure smooth operation. (Household lubricants and handpiece lubricants are NOT recommended.) All hinged instruments should be sterilized in the open position.
Anodized Aluminum	Special care needs to be exercised in cleaning and sterilizing these coated aluminum instruments. Do not clean in an ultrasonic unit. Clean by hand or in an automated washer. Check processing product labels for caution about use with aluminum. Sterilize in autoclave, chemiclave or dry heat under 350°F (177°C) according to manufacturer's instructions. Note: Anodized aluminum instruments, when sterilized with stainless steel instruments, may cause an adverse chemical reaction.
Ultrasonic Inserts	To clean, rinse thoroughly or, if you choose, fully immerse in a mild ultrasonic cleaning solution (pH 7-10.5). Daily Clean or Place in Ultrasonic unit for 7 to 10 minutes or 16-20 minutes if the inserts are in a cassette. Thoroughly rinse the insert or cassette with water (de-mineralized water is ideal) and dry completely prior to sterilization.

PROBLEM SOLVING FOR INSTRUMENTS

Problem	Reason	Prevention
Spotting	Insufficient rinsing after ultrasonic cleaning Insufficient drying after ultrasonic cleaning Not changing ultrasonic solution Sterilizer has not been cleaned	* Rinse thoroughly under steady stream of water for 30 seconds * Rinse with hot water * Optional: Dip cassettes in alcohol after rinsing * Solution should be changed at least once a day * Sterilizers should be cleaned weekly * Use only distilled water for reservoir
Rust	* Corrosion from carbon instruments spreads to stainless steel instruments	Separate stainless and carbon instruments For carbon steel instruments: Dip in pre-sterilized rust-inhibiting solution as suggested by sterilizer manufacturer
Pitting	* Chemical attack on instruments	Rinse and dry instruments thoroughly Use approved cleaning, sterilizationsolutions only. Never use household bleachor stain and tartar remover

* PROBLEM SOLVING FOR CASSETTES*

Problem	Reason	Prevention
	* Amalgam left in carrier	* Thoroughly empty amalgam carrier before returning to cassette * If carrier is plugged, sterilize separately and unplug while carrier is warm
Staining	* Chrome breakdown of instruments	* Inspect instruments and replace those with cracked handles or peeling plating
	* Sterilizer has not been cleaned	* Change reservoir water once a week * Regularly clean chamber and filters
	* Normal use discoloration	* Every 6 months soak cassettes (without instruments and not in the ultrasonic) in 100% bleach for 5-30 minutes
Broken Hinges	* Overloading/ improperly placed instruments	* Instruments should not protrude from cassette * Only light force is needed to close cassette
	* Improperly placed rails	* Do not reposition cassette rails
Wet Packs	* Insufficient drying either before or during sterilization	* Thoroughly dry cassettes after cleaning, before wrapping * Crack open autoclave sterilizer door during dry cycle * Optional: After sterilization cycle, leave cassettes in warm sterilizer for 10 minutes
	* Improper loading of cassettes in sterilizer	* Do not over pack sterilizer * Keep cassettes slightly separated within the chamber * Always use sterilizer's cassette rack

EXAM SET UP RTAIL CODE: EXAM WHOLE SALE CODE: WEXAM		
Q'ty	Code	Description
1	1007	EXPLORERS TU17/23
1	1018	EXPLORERS ODU11/12
1	1104	COLOR PROBE CP12
1	6517	FORCEP LONDON-COLLEGE
1	6911	MIRROR HANDLE #6 C/S
1	6951	#5 MIRROR C/S FRONT SURFACE
1	7503	CASSETTES 6 HOLD

Q'ty	Code	Description
1	1018	EXPLORERS ODU11/12
1	1132	COLOR PROBE EXP23/CP12
1	1201	SCALERS/CURETTES H6/7
t	1208	SCALERS/CURETTES 204S
1	1416	SCALERS/CURETTES COL13/14
1	1601	STANDARD GRACEY GR1/2
1	1604	STANDARD GRACEY GR7/8
1	1606	STANDARD GRACEY GR11/12
1	1607	STANDARD GRACEY GR13/14
t	6517	FORCEP LONDON-COLLEGE
1	6911	MIRROR HANDLE #6 C/S
1	6950	#4 MIRROR C/S FRONT SURFACE
1	7423	SHARPENING STONE ARKANSAS
t:	7424	SHARPENING STONE ARKANSAS EDGE
t	7502N	CASSETTES 16 HOLD DOUBLE DECK

Q'ty	Code	Description
1	1006	EXPLORERS EXP 5
1	1104	COLOR PROBE CP12
1	2102	HATCHETS H13/14
1	2103	HATCHETS H15/16
1	2206	EXCAVATORS 17
1	2501	CARVERS IPC
1	2702	CARVING KNIVES 21
1	2910	PLASTIC FILLING TUFTS4
t	3109	CORD PACKER CSI1
1	4602T	CROWN SCI, TUNGSTEN CARVIDE
1	4706	FORCEP PAPER
1	6517	FORCEP LONDON-COLLEGE
1.	6807	SPATULAS
1	6911	MIRROR HANDLE #6 C/S
1	6951	#5 MIRROR C/S FRONT SURFACE
t	7502N	CASSETTES 16 HOLD DOUBLE DECK
1	1327	CEMENT REMOVER, 1310(C11) + 1318 (1)
1	2807P	ACCURATOR-PLACER

Separate Sep	OBITE SE	T-UP CODE; COMP WHOLE SALE CODE; WCOMP
Q'ty	Code	Description
1	1006	EXPLORERS EXP 5
1	2231	EXCAVATORS 32L
t	2702	CARVING KNIVES 21
1	2813	#2814 PICH
1	2501T	CARVERS IPC, TITANIUM
1	2901T	PLASTIC FILLING(THIN) 1, TN
t	2904T	PLASTIC FILLING(THIN) 4, TN
1	2910T	PLASTIC FILLING TUFTS4, TN
1	3103	GINGIVAL RETRACTORS GRM2
1	3108	CORD PACKER 113
1	4310	AMALGAM CARRIERS M/J
1	4706	FORCEP PAPER
1	6517	FORCEP LONDON-COLLEGE
t	6911	MIRROR HANDLE #6 C/S
t	6951	#5 MIRROR C/S FRONT SURFACE
1	7213	#207 RUBBER DAM CLAMPS
1	7217	#27 RUBBER DAM CLAMPS
t	7233	#210 RUBBER DAM CLAMPS
1	7236	IVORY LIGHT WEIGHT 17CM
1	7505	CASSETTES 20 HOLD
1	7234	#1 RUBBER DAM CLAMP
1	7206	#14 RUBBER DAM CLAMP
1	7257	#9 RUBBER DAM CLAMP

ENDODONTIC SET UP CODE: ENDO WHOLE SALE CODE: WENDO		
Q'ty	Code	Description
t	1006	EXPLORERS EXP 5
1	1026	EXPLORERS DG16
1	1104	COLOR PROBE CP12
1	2230	EXCAVATORS 31L
1	3308	PLUGGERS/CONDENSERS 5/7
1	3410	ENDODONTIC SPREDERS D11T
1	3416	ENDODONTIC HEAT CARRIERS, MA7
1	6520	FORCEP SELF-LOCKING 16CM
1	6911	MIRROR HANDLE #6 C/S
1	6951	#5 MIRROR C/S FRONT SURFACE
1	7236	IVORY LIGHT WEIGHT 17CM
1	7502N	CASSETTES 16 HOLD DOUBLE DECK
1	N	#1 RUBBER DAM CLAMP
1	N	#2 RUBBER DAM CLAMP
1	N	#26 RUBBER DAM CLAMP
1	N	#9 RUBBER DAM CLAMP

Q'ty	Code	Description
1	1203	SCALERS/CURETTES H5/33
1	5603	WIRE CUTTER 15 T/C
t	5620A	BRACKET REMOVER ANGLE
1	5607	WIRE CUTTER STR THIN SOFT NON T/C
1	5611	PLIER WEINGART THINNER
1	5617	PLIER ADHESIVE REMOVE
t.	5718	BIRD BEAK 12.5CM WITH SOFT WIRE CUTTER
t	5723	ORTHODONTIC PLIER ADERER 12CM
1	5805	ORTHODONTIC PUSHER 14CM
t	6911	MIRROR HANDLE #6 C/S
1	6951	#5 MIRROR C/S FRONT SURFACE
1	7502N	CASSETTES 16 HOLD DOUBLE DECK



DR DA	NIEL KIM SI	URGICAL SETS CODE DANI WHOLE SALE CODE WOANI
Q'ty	Code	Description
1	1812	SURGERY KNIVES KOR1/2
1	2001	SURGICAL CHISELS 13K/TG
1	3509	PERIOSTEALS PR3
1	3513	PERIOSTEALS ALLEN9
1	3514	PERIOSTEALS 24G
1	4107	SURGICAL CURETTES LUCAS87
1	4411	RONGEURS MICRO FRIEDMAN 15' (14.5CM)
1	4618	STAINLESS STEEL RULER
1	5505TN	T/C MICRO CRILE-WOOD STR 15CM
1	5905	KELLEY SCI, 16CM
1	6420	RETRACTORS MINNESOTA
1	6501	PLIERS ADSON 12CM
1	6905	SCALPEL HANDLE 5
	FREE GIF	T FOR COMPLETE SET PURCHASE ONLY
2	G1006	EXP5
2	G6908	MIRROR HANDLE WITH RULER
2	G6518	LONDON COLLEGE

LANGE !	-	Kit (20) CODE: GGKT WHOLE SALE CODE: WGGKT
Q'ty	Code	Description
1	1105	1-15MM SURGICAL PROBE CP15UNC
1	1810	KPO1/2
1	1812	SURGERY KNIVES KOR1/2
1	2033	3MM SMALL DEFFECT BONE CONDENSER
1	20345	IBP3/5 BONE CONDENSER 3/5MM SERRATION
1	2043	PPAEL PERIOTOM ELEVATOR PPAEL
1	3513	PERIOSTEALS ALLEN9 ELEVATOR
1	4618	15CM / 6" STAINLESS STEEL RULER
1	5518	T/C CASTROVIEJO STRAIGHT 16CM T/C STR
t	5917	DOUBLE CVD SCISSORS LA GRANGE 11.5CM
1	5920	SCISSORS IRIS CURVED 11.5CM
1	6433	RETRACTORS VESTIBULAR LARGE
1	6435	BAYONET RETRACTOR FINGER TIP
1	6502	TISSUE FORCEP ADSON 1X2 12CM
1	6525	TISSUE FORCEP GERALD T/C MICRO
1	6715	FRAZIER SURGICAL ASPIRATOR 2.5MM
t	6905	SCALPEL ROUND HANDLE 5 STR
1	6908A	MIRROR HANDLE THIN C/S WITH RULLER
1	6923	#6 WAY ADJUSTABLE SCALPEL HANDLE
1	6951	MIRROR HEAD, C/S
1	7505	20 INSTRUMENTS CASSETTES

Chin/1	Ramus/ Al	logeneic Graft Kit (25) CODE: CHIN WHOLE SALE CODE: WCHIN
Q'ty	Code	Description
1	1105	1-15MM SURGICAL PROBE CP15UNC
1	2057	OSTM 4MM STR (7-10-13-15-18MM)
1	2058	OSTM 5MM CVD (7-10-13-15-18MM)
1	2059	OSTM 7.5MM STR (7-10-13-15-18MM)
1	2060	OSTM 7.5MMCVD (7-10-13-15-18MM)
1	2094	BONE MIXING BOWL
t	3506	PERIOSTEAL MOLT9
1	4111	SURGICAL CURETTES MOLT2/4
1	4112	SURGICAL CURETTES MOLT2
t	4113	SURGICAL CURETTES MOLT4
1	4221	FILES BF3X
1	4411	RONGEURS MICRO FRIEDMAN(14.5CM)
1	4613L	17CM CASTROVIEJO CALIPER CLC 40L
1	4625	RIDGE MAPPING DOUBLE CALIPER
1.	5505	T/C CRILE-WOOD STRAIGHT 15CM
1	5911	SCISSORS GOLDMAN-FOX 12.5CM
1	5920	SCISSORS IRIS CURVED 11.5CM
1	6420	RETRACTORS UNIVERSTY
1	6425	RETRACTORS ORRINGER
1	6433	RETRACTORS VESTIBULAR LARGE
1	6502	TISSUE FORCEP ADSON 1X2 12CM
1	6717	FROZIER SURGICAL ASPIRATOR 4MM
1	6905	SCALPEL ROUND HANDLE 5 STR
1	7018	SYRINGES FOR ASPIRATED 1.8ML
1	7425	IRRIGATION SOLUTION TRAY
1	7505	20 HOLD CASSETTES

-	Code	CODE: IMPT WHOLE SALE CODE: WIMPT Description
Q'ty		
1	1105	1-15MM SURGICAL PROBE CP15UNC
1	2071	CUTTING FORCEP KERRISON 3MM
1	2094	BONE MIXING BOWL
1	3506	PERIOSTEAL MOLTS
1	3751	ELEVATORS LUXATION 2MM STD
1	4103	SURGICAL CURETTES LUCAS 86
1	4111	SURGICAL CURETTES MOLT2/4
1	4618	15CM / 6 SS STEEL RULER
1	4625	RIDGE MAPPING DOUBLE CALIPER
t .	5917	SCISSORS LA GRANGE 11.5C
1	5920	SCISSORS IRIS CURVED 11.5CM
1	6420	RETRACTORS UNIVERSTY
1	6428	RETRACTORS BISHOP
1	6502	TISSUE FORCEP ADSON 1X2 12CM
1	6717	FROZIER SURGICAL ASPIRATOR 4MM
1	6905	SCALPEL ROUND HANDLE 5 STR
1	6923	#6 WAY ADJUSTAB SCALPEL HANDLE
1	7018	SYRINGES FOR ASPIRATED 1.8ML
1	7425	IRRIGATION SOLUTION TRAY
1	7505	20 HOLD CASSETTES
1	1923T	PT2 ANTERIOR TITANIUM
1	1924T	PT1 POSTERIOR TITANIUM
1	2033N	JOVANOVIC 3MM BONE CONDENSER
1	20348	IBP3/5 BONE CONDENSER 3/5MM SER
1	5505TN	MICRO NEEDLE HOLDER T/C
1	7505-1	CASSETTES CLIP SCISSOR
1	7505-2	CASSETTES CLIP SUCTION

Osteo	tome Kit (19)	CODE: OSTM WHOLE SALE CODE: WOSTM
Q'ty	Code	Description
1	2050	OSTEOTOME 3.2MM WITH STOPER
1	2051	OSTEOTOME 4,0MM WITH STOPER
1	2052	OSTEOTOME 1.8MM WITH STOPER
1	2053	OSTEOTOME 2.5MM WITH STOPER
t	2054	OSTEOTOME 3.0MM WITH STOPER
1	2055	OSTEOTOME 4.0MM WITH STOPER
1	2056	OSTEOTOME R 0.38MM WITH STOPER
1	3506	PERIOSTEAL MOLT9
	4223	MALLET WITH DELRIN FACINGS MEAD1
Ú	4411	RONGEURS MICRO FRIEDMAN 15' (14.5CM)
1	5505	T/C CRILE-WOOD STRAIGHT 15CM
1	5911	GOLDMAN-FOX 12.5CM STR FINE POINT
1	5920	SCISSORS IRIS CURVED 11.5CM
1	6423	RETRACTORS CAWOOD MINESOTA
1	6502	TISSUE FORCEP ADSON 1X2 12CM
1	6905	SCALPEL ROUND HANDLE 5 STR
1	7018	SYRINGES FOR ASPIRATED 1.8ML
1	7505	20 HOLD CASSETTES
1	1923T	PT2 ANTERIOR T/C WITH SERRATION
0	1924T	PT1 POSTERIOR T/CWITH SERRATION

Sinus I	Lift Kit (20)	CODE: SLKT WHOLE SALE CODE: WSLKT
Q'ty	Code	Description
1	2023	SINUS LIFT 1
1	2024	SINUS LIFT 2
1	2025	SINUS LIFT 3.
1	2026	SINUS LIFT 4
1	2027	SINUS LIFT 5
1	2062	SINUS LIFT 6
1	2063	SINUS LIFT 7
1	2072	KERRISON 4MM
1	2083	BONE MORSELIZER BONE MILL
1	2093	BONE SCRAPER (BONE COLLECTOR)
1	2094	BONE MIXING BOWL
1	3506	PERIOSTEAL MOLT9
1	4618	15CM / 6 SS STEEL RULER
1	5505	T/C CRILE-WOOD STRAIGHT 15CM
1	5917	SCISSORS LA GRANGE 11.5CM
1	5920	SCISSORS IRIS CURVED 11.5CM
1	6423	RETRACTORS CAWOOD MINESOTA
1	6435	BAYONET RETRACTOR FINGER TIP
1	6502	TISSUE FORCEP ADSON 1X2 12CM
1	6525	TISSUE FORCEP GERALD T/C MICRO
1	6717	FROZIER SURGICAL ASPIRATOR 4MM
1	5505TN	MICRO NEEDLE HOLDER T/C

Q'ty	Code	Description
1	6501	FORCEP ADSON 12CM
1	1105	COLOR PROBE CP15UNC TITANIUM
1	3506	PERIOSTEALS MOLT9
1	3752	ELEVATORS LUXATION 3MM STD
1	3755	ELEVATORS LUXATION 3MM CVD
1	4107	SURGICAL CURETTES LUCAS87
1	4222	BONE FILES BF21
1	4411	RONGEURS MICRO FRIEDMAN 15' (14.5CM)
1	4994	46XL LOWER ROOT
1	5505	T/C CRILE-WOOD STRAIGHT 15CM
1	6010	SCISSORS T/C IRIS CURVED 11.5CM
1	6517	FORCEP LONDON-COLLEGE
1	6715	SUCTION TUBES 2.5MM
1	6905	SCALPEL HANDLE 5
1	6911	MIRROR HANDLE #6 C/S
i	7018	SYRINGES ASPIRATED
1	7505	CASSETTES 20 HOLD
1	1923T	PERIOTOME PT2 TITANIUM WITH SERRATION
1	1924T	PERIOTOME PT1 TITANIUM WITH SERRATION
1	2043T	PPAEL Titanium
1	4823AF	FORCEPS 150AF UPPER PREMOLAR
1	4826AF	FORCEPS 151AF LOWER PREMOLAR
1	6501A	A FORCEP ADSON 12CM CVD
1	6951D	#5 MIRROR C/S DOUBLE SURFACE
1	7505-1	CASSETTES CLIP SCISSOR
1	7505-2	CASSETTES CLIP SUCTION

Surge	ery Instrum	ent sets for Implant CODE: SISD WHOLE SALE CODE: WSISD
Q'ty	Code	Description
1	1005	EXPLORERS EXP 23
1	2094	BONE MIXING BOWL
1	4107	SURGICAL CURETTES LUCAS87
1	4411	BONE RONGEURS
1	4614	CALIPER DA #1
1	5505	T/C CRILE-WOOD STRAIGHT 15CM
1	5911	SCI GOLDMAN-FOX 12.5CM STR
1	6445	RETRACTORS SMALL
1	6517	FORCEP LONDON-COLLEGE
1	6902	SCALPEL HANDLE 3G
1	6911	MIRROR HANDLE #6 C/S
1	7018	SYRINGES ASPIRATED
1	7505	CASSETTES 20 HOLD
1	3506T	PERIOSTEALS MOLT9, TITANIUM
1	6501A	FORCEP ADSON 12CM CVD
1	6951D	#5 MIRROR C/S DOUBLE "F" SURFACE



QTy	Code	Description
t	1105	1-15MM CP15UNC
1	1619	SUB AF-GRACEY(sub-0)-Black T/C
t	1621	SUB AF-GRACEY(sub-11/12)-Black T/C
1	1622	SUB AF-GRACEY(sub-13/14)-Black T/C
1	1801	K15/16 KNIVE
1	1810	KPO1/2
1	1812	SURGERY KNIVES KOR1/2
1	2001	13K T/G BACK ACTION CHISEL
1	2010	OCH 1 OCHSENBEIN CHISEL
1	2011	OCH 2 OCHSENBEIN CHISEL
1	2023	SINUS LIFT 1
1	2024	SINUS LIFT 2
1	2025	SINUS LIFT 3
1	2026	SINUS LIFT 4
1	2027	SINUS LIFT 5
1	2029	BONE SPOON CS LABANCA
1	2030	BONE SCOOP ELEVATOR
1	2031	P25 PERIO STEAL
1	2043	PPAEL PERIOTOM ELEVATOR PPAEL
1	2050	OSTEOTOME 3.2MM WITH STOPER
t	2051	OSTEOTOME 4.0MM WITH STOPER
1	2052	OSTEOTOME 1.8MM WITH STOPER
1.	2053	OSTEOTOME 2.5MM WITH STOPER
t	2054	OSTEOTOME 3.0MM WITH STOPER
1	2055	OSTEOTOME 4.0MM WITH STOPER
t	2056	OSTEOTOME R 0.38MM WITH STOPER
1	2057	OSTEOTOME 4MM STR (7-10-13-15-18MM)
1	2058	OSTEOTOME 5MM CVD (7-10-13-15-18MM)
1	2059	OSTEOTOME 7.5MM STR (7-10-13-15-18MM)
1	2060	OSTEOTOME 7.5MMCVD (7-10-13-15-16MM)
1	2071	CUTTING FORCEP KERRISON 3MM
1	2094	BONE MIXING BOWL
1	1812L	ORB1/2L KNIVE
1	1923T	PERIOTOME PT2 ANTERIOR TITANIUM
1	1924T	PERIOTOME PT1 POSTERIOR TITANIUM
1	2033N	JOVANOVIC 3MM SMALL BONE CONDENSER
1	20348	IBP3/5 BONE CONDENSER 3/5MM SERRATION

Q'ty	Code	Description	
1.	3506	PERIOSTEAL MOLT9	
1	3513	PERIOSTEALS ALLEN9 ELEVATOR	
1	3516	PERIOSTEAL BUSER	
1	3518	PERIOSTEAL KN152	
t	3521	PERIOSTEAL HF20	
1	3525	PERIOSTEAL OHL 10	
1	3751	ELEVATORS LUXATION 2MM STD	
1	4103	SURGICAL CURETTES LUCAS 86	
1	4111	SURGICAL CURETTES MOLT2/4	
1	4112	SURGICAL CURETTES MOLT2	
1	4113	SURGICAL CURETTES MOLT4	
1	4221	BONE FILES BF3X	
1	4223	MALLET WITH DELRIN FACINGS MEAD1	
1	4411	RON MICRO FRIEDMAN 15' (14.5CM)	
1	5505	T/C CRILE-WOOD STR 15CM	
1	5513N	NEEDLE HOLDERS T/C CASTRO STR	
1:	5911	SCISSORS GOLDMAN-FOX 12.5CM	
1	5917	SCISSORS LA GRANGE 11.5CM	
1	6433	RETRACTORS VESTIBULAR LARGE	
1	6435	BAYONET RETRACTOR FINGER TIP	
1	6502	TISSUE FORCEP ADSON 1X2 12CM	
1	6525	TISSUE FORCEP GERALD T/C MICRO	
1	6526	TISSUE FORCEP TOMOR 20CM	
1	6715	FRAZIER SURGICAL ASPIRATOR 2.5MM	
1	6717	FROZIER SURGICAL ASPIRATOR 4MM	
t	6905	SCALPEL ROUND HANDLE 5 STR	
1	6923	#6 WAY ADJUSTABLE SCALPEL HANDLE	
1	6951	#5 MIRROR C/S F SURFACE BOX OF 12	
1	7018	SYRINGES FOR ASPIRATED 1.8ML	
1	7425	IRRIGATION SOLUTION TRAY	
1	7505	20 HOLD CASSETTES	
1	4613L	17CM CASTRO CALIPER LONG CLC 40L	
1	5303C	HAEMOSTATIC FORCEP 12.5CM CVD	
1	5505TN	MICRO NEEDLE HOLDER T/C	
t	6908A	THIN OCTAGON C/S WITH RULLER	

destine.	SURGERY	SET CODE: PERS WHOLE SALE CODE: WPERS
1	1104	COLOR PROBE CP12
1	1601	STANDARD GRACEY GR1/2
1	1606	STANDARD GRACEY GR11/12
1	1607	STANDARD GRACEY GR13/14
1	1923T	PERIOTOME PT2 TIT SERRATION
1	1924T	PERIOTOME PT1 TIT SERRATION
1	3506T	PERIOSTEALS MOLT9, BLUE T/C
1	1901	SURGICAL CURETTES PR1/2
1	2008	KRAMER NEVINES TG-O
1	2001	SURGICAL CHISELS 13K/TG
1	1807	SURGERY KNIVES KGF7
1	3523	PERIOSTEALS SELDEN23
1	6420	UNIVERSITY OF MINNESOTA
1	4111	SURGICAL CURETTES MOLT2/4
1	4102	SURGICAL CURETTES LUCAS85
1	4103	SURGICAL CURETTES LUCAS86
1	5513N	CASTROVIEJO 16CM T/C STR
1	5920	GUM SCI IRIS CURVED 11.5CM
1	5403	MAYO-HEGAR
1	6502	FORCEP ADSON 1X2 12CM
1	6905	SCALPEL HANDLE 5
1	6902	SCALPEL HANDLE 3G
1	6903	SCALPEL HANDLE 3
1	7505	CASSETTES 20 HOLD



Food and Drug Administration 10903 New Hampshire Ave. Silver Spring, MD 20993

Certificate No. 4681-7-2009

CERTIFICATE TO FOREIGN GOVERNMENT

In order to allow the importation of United States products into foreign countries, the U.S. Food and Drug Administration (FDA) certifies the following information concerning the product(s) to be exported listed below:

Name of Product(s)

Name of Manufacturer/Distributor Address

See Attached List (42 Pages) Dental USA, Inc. 5005 McCullom Lake Rd. McHenry, IL 60050

The product(s) described above (and the manufacturing/distribution site(s) which produces/distributes it) is subject to the jurisdiction of the FDA under the Federal Food, Drug, and Cosmetic Act.

It is certified that the above product(s) may be marketed in, and legally exported from, the United States of America at this time. The manufacturing plant(s) in which the product(s) is produced is subject to periodic inspections.

Theresa McDonald

Chief, Regulatory Policy and Systems Branch Division of Risk Management Operations

Office of Compliance

Center for Devices and Radiological Health

This certificate expires 24 months from the date notarized.

COUNTY OF MONTGOMERY STATE OF MARYLAND

Subscribed and sworn to before me this 3 day of 34/4 month 2009 year.

CATHRYN N. MOHRIS
NOTARY PUBLIC STATE OF MARYLAND
County of Montgomery
My Commission Exerces January 4, 2013

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