

A.TITAN

PERFORMANCE IS EVERYTHING

10 Centre Drive • Orchard Park, NY 14127

716-667-9211 • 1-877-284-8261 • ISO 13485:2016 • CE • www.atitan.com

Since our inception in 1998 A. Titan has been recognized as an innovative leader in the dental community. It's our mission to enhance the quality of patient care by providing superior quality products and instrumentation on the cutting edge of dentistry.

Focused on expanding the reach of the A. Titan brand, our diverse product line is offered through dealers around the world. Headquartered in Orchard Park New York our instruments are produced in our 100,000 square foot state of the art manufacturing facility or designated for production in Germany at our partner location.

We strive to achieve our mission of enhancing patient care by providing continuing education support to universities throughout the world, working closely with key opinion leaders to develop innovative instrumentation, and maintaining the highest levels of customer service. Forging long lasting relationships, our team focuses on bringing products to market that encourage the promotion of aesthetic perfection.



Advanced Manufacturing Solutions

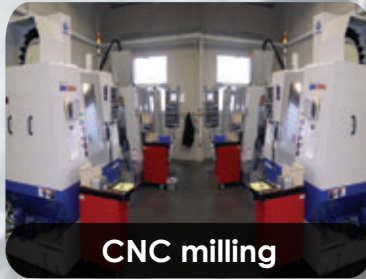
A. Titan has transformed the art of manufacturing by continuing to implement new technological advances into the manufacturing process. Experienced staff and engineers work as a team to quickly adapt to the ever changing world of production machining. For over 3 decades our state of the art manufacturing facility has committed to bringing innovative products to market in the dental industry. Taking ideas from concept to market, our highly trained staff of engineers and certified production workers bring technical expertise and industry knowledge to deliver quality products quickly and efficiently.

Quality

Recognizing that quality is of the utmost importance, A. Titan is a certified medical device compliant facility, and maintains a quality management system committed to complying with customer and ISO 13485 requirements. A. Titan is continually developing and improving upon its advanced manufacturing processes, to build upon its legacy of innovation and quality to meet tomorrow's challenges. Our biggest advantage is the capability to manufacture every component at our facility. This enables us to expedite the manufacturing process while maintaining the highest level of quality control.



Swiss Machining



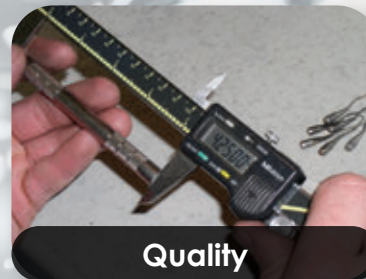
CNC milling



Production



Anodizing



Quality



Packaging



Unique Beak Designs

- Preserve Bone
- Provide an Exceptional Grip of the Tooth

X-TRAC® Forceps

A T R A U M A T I C E X T R A C T I O N



0700
Upper Universal
Forceps



3400
Upper Anterior
Forceps-notched

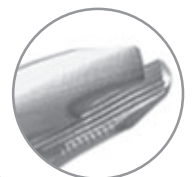


3600
Lower Anterior
Forceps-notched

• Notched beaks allow you to engage the crown and roots at the same time



3500
Upper Universal
Forceps-notched



2190
Lower Universal
Forceps-notched

X-TRAC[®] Forceps

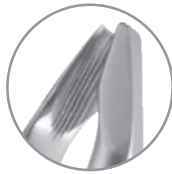
A T R A U M A T I C E X T R A C T I O N



• Shown in actual size 1/1

3608
Lower
Anterior
Forceps

• Tapered beaks allow you to gain a deeper purchase on the tooth



3508
Upper
Universal
Forceps

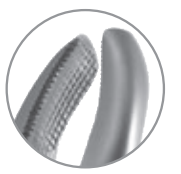


7990
Lower
Universal
Forceps



1700
Upper Molar
Left Forceps

• Molar forceps have cross serrated beaks for a superior grip



1800
Upper Molar Right
Forceps

Exclusive Handle Designs

- Make Forceps 25% Lighter
- Offer Greater Ergonomic Comfort
- Provide Increased Tactile Sensitivity
- Molar forceps have cross serrated beaks for a superior grip

X-TRAC[®] Forceps
A T R A U M A T I C E X T R A C T I O N



2300
Lower
Cowhorn
Forceps



6701
Upper
3rd Molar
Forceps



6717
3-Prong Upper
Left Molar
Forceps



6718
3-Prong
Upper Right Molar
Forceps



7301
Lower
Molar
Forceps



7900
Lower
3rd Molar
Forceps

Unique Beak Designs

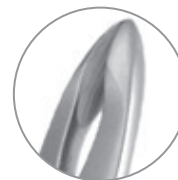
- Cupped and serrated beaks promotes easy root removal
- Unique beaks completely surround the roots or root fragments

X-TRAC[®] Root Forceps
A T R A U M A T I C E X T R A C T I O N



• Shown in actual size 1/1

4415
Universal Maxillary Root Forceps



5115
Upper Root Forceps



4515
Lower Root Tip Forceps



5197
Upper Narrow Root Fragment



4507
Lower Narrow Root Fragment

Root Tip Kit

This kit allows you to remove roots and root fragments with ease.

Specifically used to retrieve all broken roots and root fragments, the elevator and forceps have the same unique tip design enabling you to work efficiently and confidently during all types of extractions.

The sharp thin elevator is used to separate the tissue to create space between the bone and root. Apply directly to the root or root fragment without a surgical procedure. Slide forceps below the gum line, utilizing the space created by the elevator.

Excellent purchase completely surrounding the root or root fragment is accomplished.

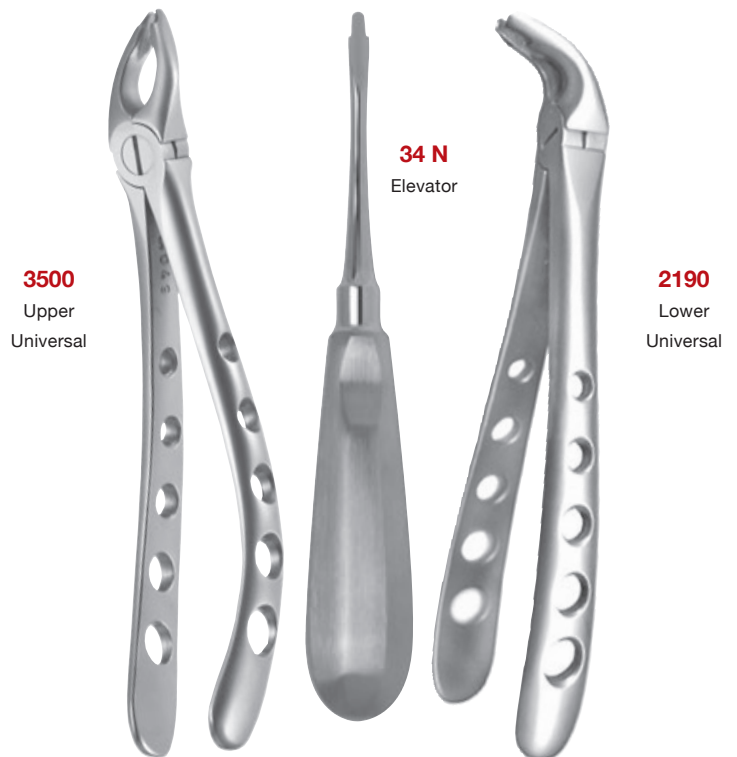


K4000 Root Tip Kit
Includes #5115, #4515, and #63 (elevator).

Bone Preservation Extraction Kit

Specifically used to gain access to small spaces, the elevator and forceps have the same unique notched tip design promoting the preservation of bone and tissue during an extraction.

K4400 Bone Preservation X-Trac Kit
Includes #3500, #2190, and #34N (elevator).



- Lightweight and balanced with an adult handle ideal for primary teeth
- Beveled and serrated beaks allow for more tooth and root surface contact and operator control
- The most advanced design using CAD CAM technology and experienced Board Certified Consultants
- Crafted in Germany from 100% stainless steel



PLUS SERIES Forceps



51+
Upper Root



1+
Upper Anterior



150+
Upper Universal



151+
Lower Universal



210+
Upper Molar

- Beveled and serrated beaks allow for more tooth and root surface contact and operator control
- The most advanced design using CAD CAM technology and experienced Board Certified Consultants
- Crafted in Germany from 100% stainless steel



PLUS SERIES Forceps



1P+
Upper Anterior
Pedo

51P+
Upper Root
Pedo

210P+
Upper Molar
Pedo

150P+
Upper Universal
Pedo

151P+
Lower Universal
Pedo



1107
Upper Universal
Forceps



1107N
Upper Universal
Forceps, narrow



1174XN
Lower Anterior
Forceps, narrow

- Serrated beaks to enhance forceps performance
- Tapered beaks slide below the gum line giving an excellent purchase on the crown and root while causing less trauma.



23
Cowhorn



1102
Upper Anterior
Forceps



1274
Lower Universal
Forceps



1274N
Lower Universal
Forceps, narrow

- Serrated beaks to enhance forceps performance
- Tapered beaks slide below the gum line giving an excellent purchase on the crown and root while causing less trauma.

• Diamond grit beaks provide a non-slip grip during an extraction



51D
Upper root tip
diamond grit



67D
Upper molar
diamond grit



74D
Lower anterior
& premolar
diamond grit



74ND
Narrow lower anterior & root
diamond grit



605D
Extra narrow
lower anterior & root
diamond grit



150

Upper Universal
Forceps



151

Lower Universal
Forceps



150 AB

Upper Universal
with notch



151 AB

Lower Universal
with notch

- German-made
- 100% stainless steel
- Hand-crafted and quality assured



150AS

Upper Universal
with notch
Pedo Forceps



151AS

Lower Universal
with notch
Pedo Forceps



150S

Upper Universal
Pedo Forceps



151S

Lower Universal
Pedo Forceps

- Designed to accommodate young patients
- German-made
- 100% Stainless Steel



150SK

Upper Universal
Pedo Forceps
with spring



151SK

Lower Universal
Pedo Forceps
with spring



23S

Cowhorn
Pedo Forceps



133AS

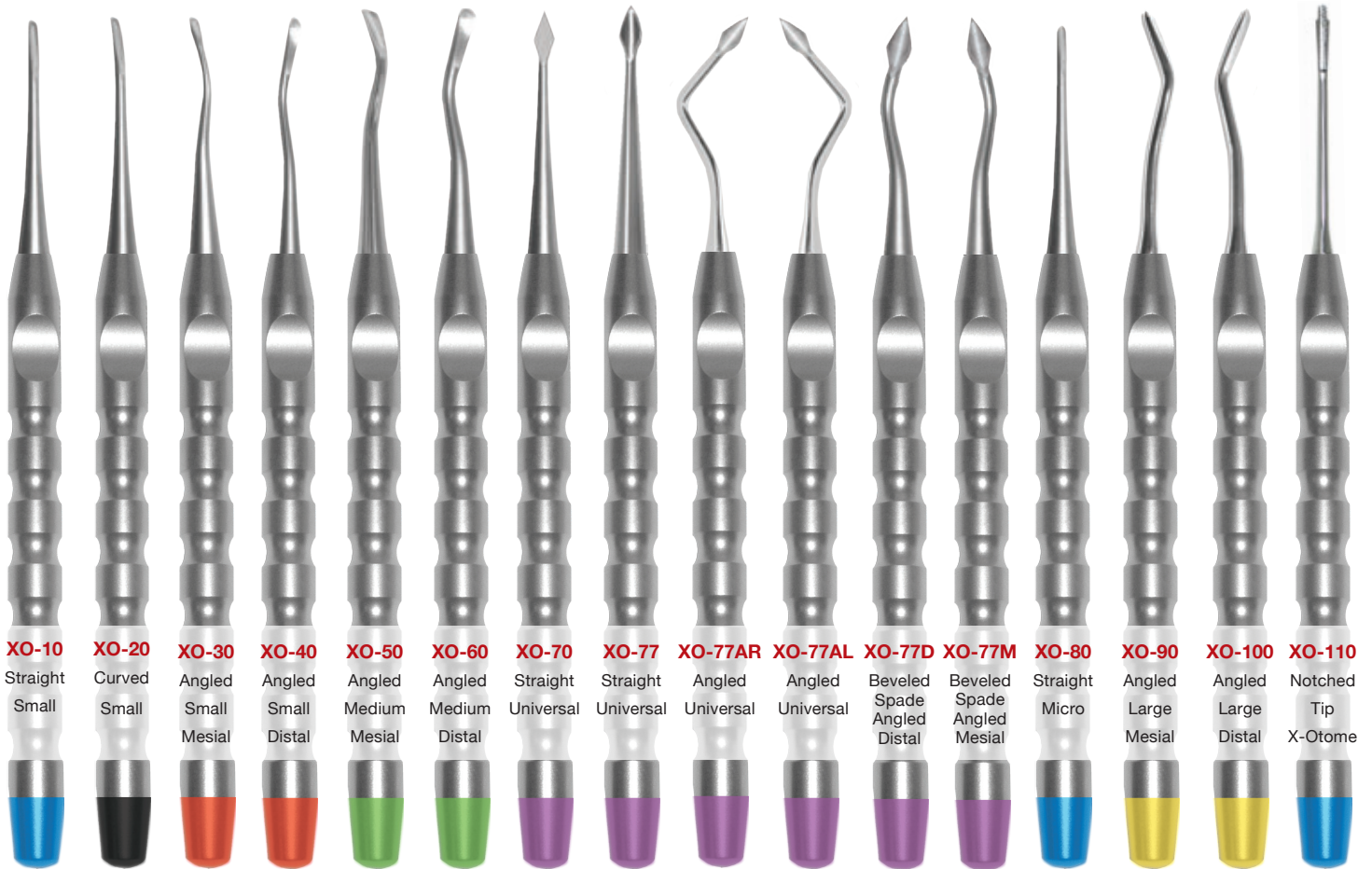
Lower Premolar
Pedo Forceps

- Designed to accommodate young patients
- German-made
- 100% Stainless Steel

X-OTOMES

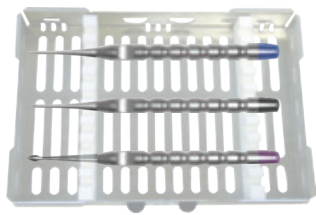
by A. Titan

ATRAUMATIC EXTRACTIONS

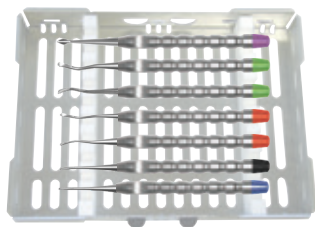


- Made in the America
- Hybrid instrumentation, a cross between an Elevator and a Periotome
- Custom sure-grip handle for controlled luxation force
- Honed narrow tips to disrupt the periodontal fibers
- Preserves tissue structures
- Eliminates bone fracture and promotes minimally invasive exodontia
- 100% stainless steel

Elemental Kit K-3300
 Contains:
 XO-10, XO-20, XO-77 and
 a sterilization cassette



X-Otome Kit K-6600
 Includes one of each:
 XO-10, XO-20, XO-30, XO-40,
 XO-50, XO-60, XO-77 and a
 sterilization tray



X-Otome Kit K-7700
 Includes one of each:
 XO-77, XO-77AL, XO-77AR,
 XO-77M, XO-77D and a
 sterilization tray



Slide the blade of your choice along the tooth inserting it into the periodontal ligament. With an up and down motion move the blade around the tooth successfully severing the periodontal ligament. This creates space around the tooth preparing the site for a simple occlusal extraction, eliminating a full surgical procedure.



P 100

Wide blade
Universal

P 200

Narrow blade
Anterior

P 300

Angled blade
Posterior

P 500

Angled blade
Interproximal

P 5

Angled blade
Interproximal

P0

Interchangeable
Handle

P3

Tip
Angled

P2

Tip
Narrow

P1

Tip
Wide

K6000

Fixed Tip Periostome Kit
Includes #P-100, #P-200 and #P-300

- Available individually and in 2 styles or kits
- 4 different blade shapes for all areas of the mouth
- Blades are all slightly rounded on the end and paper thin
- Slide easily below the gumline
- 100% Stainless Steel

K6100

Interchangeable Periostome Kit
Includes #P0, #P1, #P2 and #P3

D-LUX Elevators

ATRAUMATIC EXTRACTIONS
by A. Titan

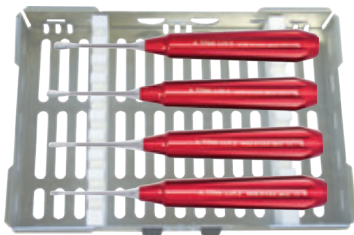
Standard elevators are a thing of the past with the new D-Lux Elevators.



- A necessity to performing an atraumatic extraction
- Expedites patient healing time by preserving tissue and bone
- Sharp honed tips compress the alveolar & sever the PDL
- 100% USA 440A stainless steel
- D-Lux elevators are available individually in straight and curved patterns with millimeter widths of 2,3,4, and 5.

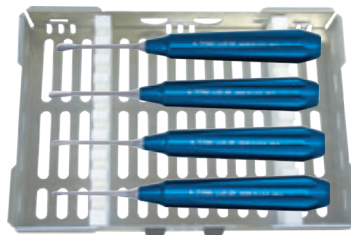
D-Lux Straight Kit K-5500S

Contains:
2mm, 3mm, 4mm, and 5mm
straight elevators with a
sterilization cassette



D-Lux Curved Kit K-5500A

Contains:
2mm, 3mm, 4mm, and 5mm
curved elevators with a
sterilization cassette



Complete Kit K-5500

Contains:
3 curved D-Lux elevators, 3
straight D-Lux elevators and
a sterilization cassette



- Minimize bone loss.
- Create space between the bone and root for all atraumatic extractions.
- Thin sharp tip of the elevator slides between the bone and the root creating space without removing any bone.
- Fast and easy removal of roots and fragments without a surgical procedure.
- German-made
- 100% stainless steel
- Lifetime Guarantee



63
Spade tip
straight
4mm



60B
Spade tip
angled
4mm



60R
Spade tip
Right molar
4mm

60L
Spade tip
Left molar
4mm

Molar Elevator Kit K-3000
Contains:
#60R and #60L



60U
Spade tip
back action
4mm

Bone Preservation Elevator Kit K-5000
Contains:
#63, #60B, #60R and #60L



- Made in Germany
- 100% stainless steel
- Custom thumb and finger grip
- Constructed with 4 pieces and no seams to eliminate leaking



80

Small
straight
2.8mm

301

Small
straight
2.5mm

304

Medium
straight
3.5mm

34

Large
straight
5mm

34S

Large
straight
4mm

34S Thin

Large
straight
4.2mm

- Made in Germany
- 100% stainless steel
- Custom thumb and finger grip
- Constructed with 4 pieces and no seams to eliminate leaking



34N

Small straight
3mm notched tip/
5mm at widest point

85

Small
straight
3mm

61

Curved
thin
2.5mm

OMEGA

Root Tip
3mm

Kratzman

Root Tip
Removal

Twist 3

Left

Twist 4

Right

- Made in Germany
- 100% stainless steel
- Custom thumb and finger grip
- Constructed with 4 pieces and no seams to eliminate leaking



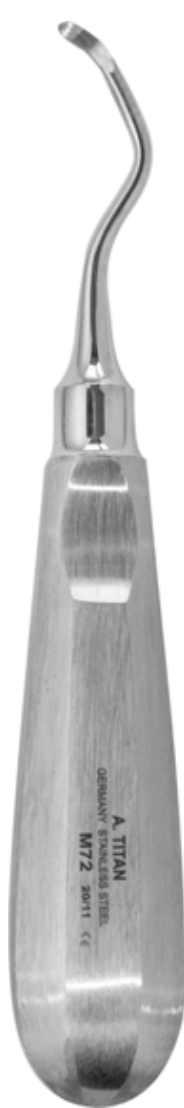
M1
Curved Left
Flat Rounded Blade
3mm



M2
Curved Right
Flat Rounded Blade
3mm



M71
Angled Left
Flat Rounded Blade
3mm



M72
Angled Right
Flat Rounded Blade
3mm



726-8
Crane Pick
Square Point



Cogswell B
Curved Round Tip

- Made in Germany
- 100% stainless steel
- Custom thumb and finger grip
- Constructed with 4 pieces and no seams to eliminate leaking



46R

Angled, serrated tip
molar region
3mm

77R

Angled,
molar region
3.5mm

300 Cameron

Curved, extra large flared
molar region
5mm

12B

Molar region
5mm



27S

Small Cryer
Left

28S

Small Cryer
Right

27

Medium Cryer
Left

28

Medium Cryer
Right

1L

Large Seldin
Left

1R

Large Seldin
Right

ROOT TIP PICKS

SURGICAL



AS-2N
Narrow
angled right



AS-3N
Narrow
angled left



AS-1
Straight



AS-1N
Narrow straight



AS-2
Angled right



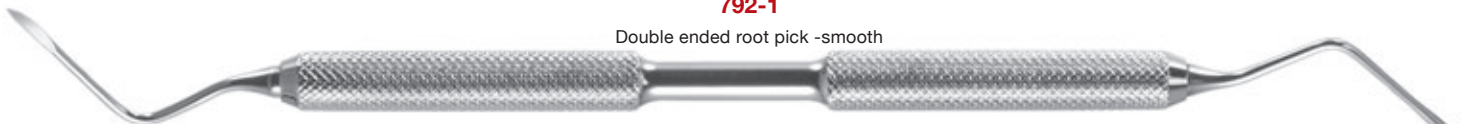
AS-3
Angled left

DOUBLE ENDED ROOT TIP PICKS

SURGICAL

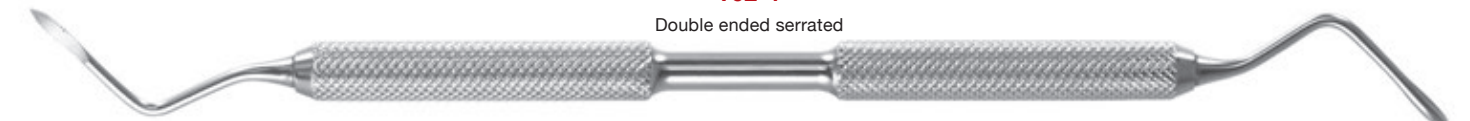
792-1

Double ended root pick -smooth



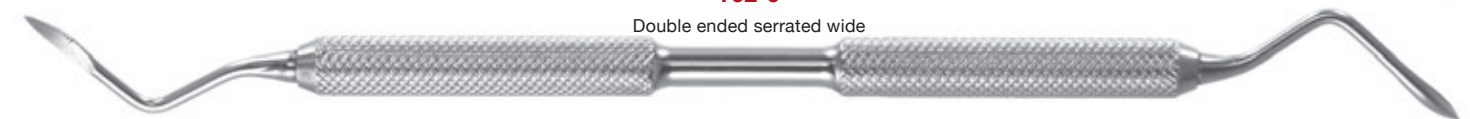
792-4

Double ended serrated



792-6

Double ended serrated wide





P3
Pritchard



G24
cutting
edge



902-45
elevator



902-45A
elevator



23D Seldin
thin flat handle



23 Seldin
Octagonal
Handle



Freer 2



BUSER



888-4
Octagonal
Handle



Molt 9
Double
Ended



Ohl-1



427.25
Micro Prichard



Woodson
1



Minimally Invasive Extractions
to preserve the AESTHETIC ZONE

The Task

Proper management of hard and soft tissue has proven to be a continued challenge in an extraction procedure prior to implantation. In most cases, an immediate or even delayed implantation without bone restoration is not possible. To reduce the risk of damage to the tissue, an absolute atraumatic tooth extraction technique is required.

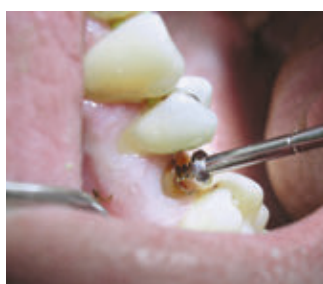
Method and Materials

A method utilizing a patented technique has been developed for extracting single and double-rooted teeth. The Easy X-TRAC® System consists of 3 different sized drills and 4 different sets of extracting screws along with a specially designed extractor and protection plates to lift the tooth out of the socket without any rotary or tilting movement. Treating a majority of our patients with this system over a 10 year period, we were able to preserve the hard and soft tissue, leading to successful immediate implant placement.

The Procedure



Prepare the root canal using the X-Trac® Drills.



Place the self-cutting X-Trac® Screw in the root canal by using the X-Trac® Ratchet.



Position the Protector filled with impression material on the tooth and guide X-Trac® Screw through the hole.



Place the jaws of the Easy X-Tractor® between the surface of the Protector and the head of the Screw.



Turn the handle screw in the back of the Easy X-Tractor®. The jaws open up and pull the tooth using vertical force only!



Remove the Easy X-Tractor®, lift off the Protector and easily remove the tooth.



Completed extraction.



Insert a 5.5 Implant without making a flap!

Results and Conclusion

The aim was to develop a new extraction technique for single and double rooted teeth as a pre-implantological procedure. Particular attention was paid to the protection of all the adjacent hard and soft tissue (eg. the buccal lamella in the maxilla).

The extraction procedure only requires a vertical motion to pull the tooth and disperse the pressure of the extraction process on the adjacent teeth, thereby avoiding widening of the alveolus and minimizing the risk of damage to adjacent bone structures and bone loss. This new procedure eliminates the use of root elevators, forceps and even periostomes. Any rotary movement to pull the teeth is eliminated.

A secondary advantage for both the surgeon and the patient is a time difference of 5-7 months by avoiding bone restoration and being able to perform immediate implantation. Furthermore, improved soft tissue management can be expected. Limitations of the system are molars without a prior section, severely curved roots and teeth with extensive ankylosis.

Dr. Hans-Peter Hornig, Dr. Thomas Offermann

STEP 1:
PREPARE CANAL



XT110

X-TRAC Drills
Set of 3:
1.1mm, 1.3mm, 1.5mm



XT128

X-TRAC Screws
Set of 3:
28mm length,
1.75mm diameter
*One time use recommended



XT130

X-TRAC Screws
Set of 3:
30mm length,
1.75mm diameter
*One time use recommended



XT133

X-TRAC Screws
Set of 3:
33mm length,
1.75mm diameter
*One time use recommended



XT135

X-TRAC Screws
(Not Included in Kit)
Set of 3:
33mm length,
2mm diameter
*One time use recommended



XT136

X-TRAC Screws
Set of 3:
36mm length,
1.75mm diameter
*One time use recommended

STEP 2:
CHOOSE YOUR SCREW SIZE

STEP 3:

TIGHTEN SCREW INTO CANAL
USING RATCHET



XT120

X-TRAC Ratchet

STEP 4:

GUIDE SCREW THROUGH HOLE IN
PROTECTOR PLATE FILLED WITH
IMPRESSION MATERIAL



XT140L

Protector Plate - Left



XT140R

Protector Plate - Right

K8100 Easy X-TRAC®

Complete Kit
Contains:
(1) Easy X-Tractor
(1) set of 3 drills
(3) 28mm extraction screws
(3) 30mm extraction screws
(3) 33mm extraction screws
(3) 35mm extraction screws
(1) Ratchet, (1) Protector plate- left
(1) Protector plate- right
(1) Sterilization cassette

K8000 Easy X-TRAC®

Complete Kit
Contains:
(1) Easy X-Tractor
(1) set of 3 drills
(3) 28mm extraction screws
(3) 33mm extraction screws
(1) Ratchet, (1) Protector plate- left
(1) Protector plate- right
(1) Sterilization cassette

STEP 5:

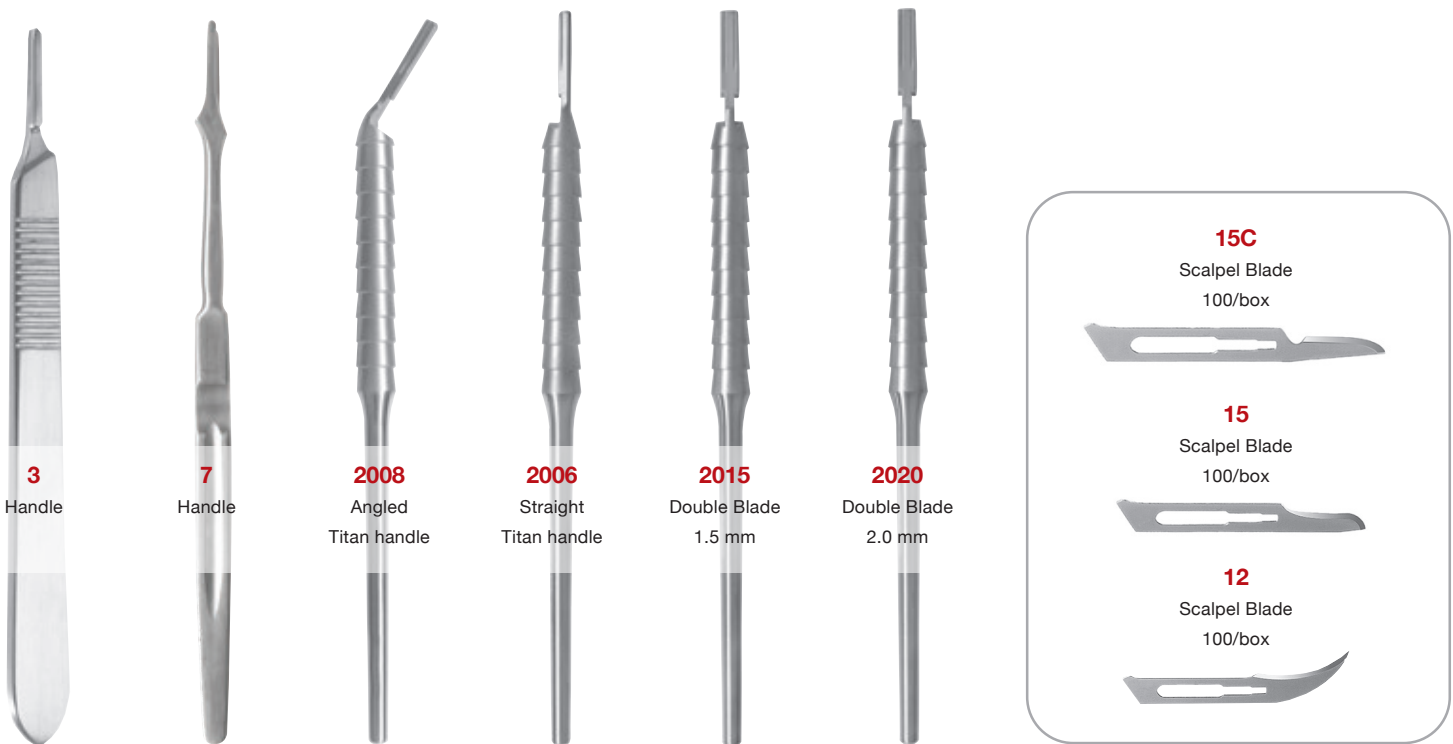
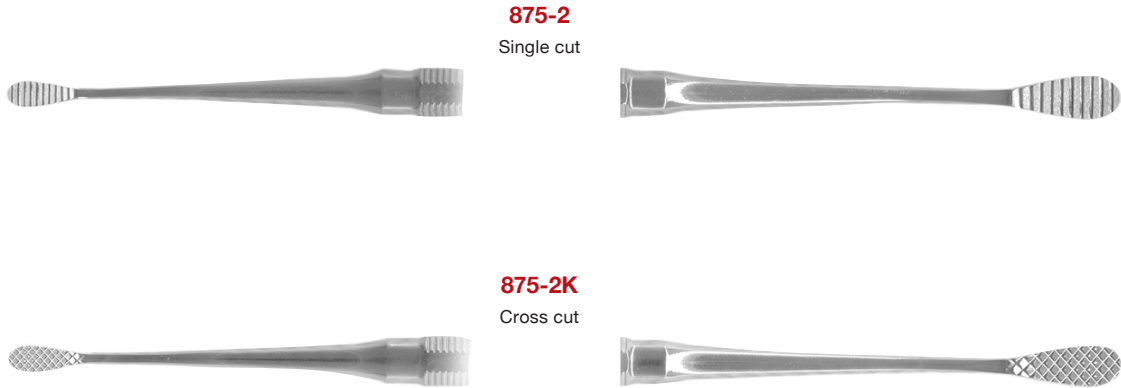
REMOVE TOOTH USING
EASY X-TRACTOR



XT100

Easy X-TRACTOR





Buck 3 - 4



Buck 5 - 6



GF 11



GF 7



GF 8



KIRK 15 - 16



ORBAN 1 - 2



ORBAN 1 - 2 Short



RETRACTORS

SURGICAL



Weider 1
Small

Weider 2
Large

437
Minnesota
Cheek Retractor

MOUTH PROPS

SURGICAL



1115-11
Child
Mouth Prop

1115-14
Adult
Mouth Prop

- Improve intra-oral access
- Enhance patient comfort
- Spring lever release lock
- Non-slip silicone bite cushion
- Adjustable height propping

BITE BLOCKS

SURGICAL

- Set of 2
- Latex free



Small

Medium

Large



488-6.
Russian
Forceps



480.
Semkin
Straight 6"
1x2 teeth



481
Semkin
Curved 5"
Micro 1x2 teeth



050.17
Straight 7"
Micro 1x2 teeth



051.17
Straight 7"
Tung-Carbide Tips
Micro with teeth



052.17
Straight 7"
Tung-Carbide Tips
Micro



485
Adson
4 3/4"
Serrated



485L
Adson
5 3/4"
Serrated



486
Adson
4 3/4"
1 x 2 teeth



486L
Adson
6"
1 x 2 teeth



TF1
Adson
Tung-Carbide tips



TF2
Adson
Tung-Carbide tips



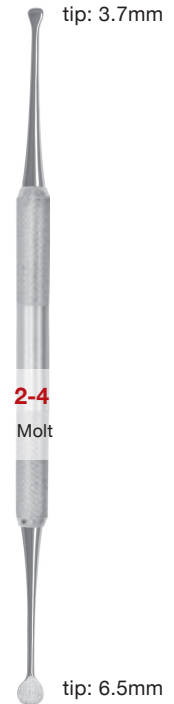
106
Tissue Forceps
w/loop for suturing.
90° angle holds tissue
flaps and suture



SURGICAL

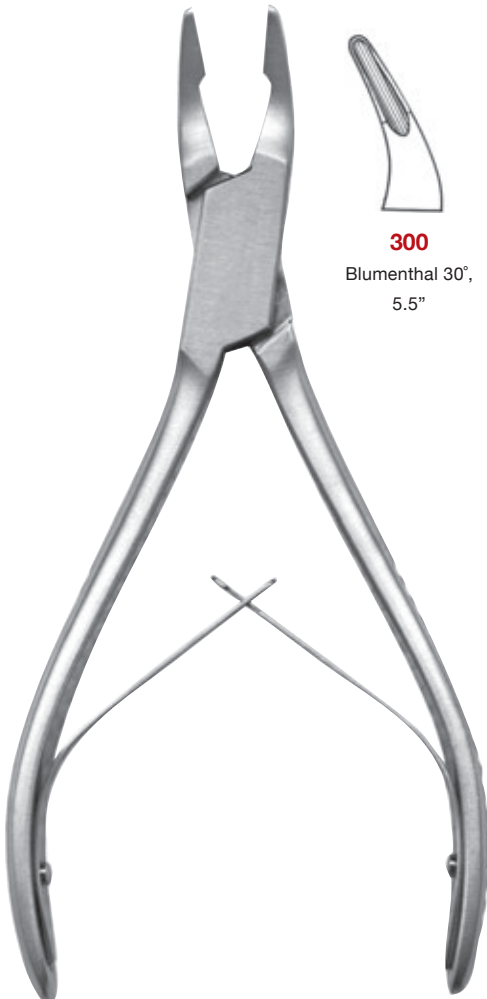
BONE CURETTES

- Used for curettage by scraping the socket after extractions
- Great for removal of tissue after the removal of impacted teeth
- Serrations available upon request



SURGICAL

BONE RONGUERS



- 100% stainless steel
- Lifetime Guarantee
- Quality crafted in Germany
- Used to trim bones
- Not recommended for root removal



- Used to open the sinus window
- Head designed for visibility and safe access
- 3" Shaft
- 4mm Bite
- Smooth gliding action



3571
Kerrison
5.5"



310
Friedman
5.25"

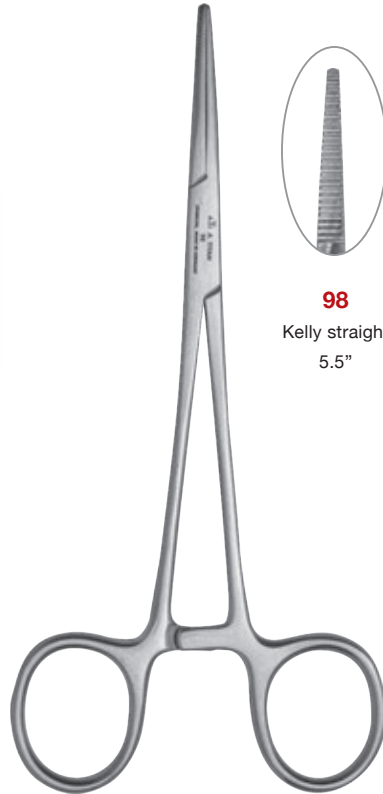


310M
Friedman
Micro 6"

- 100% stainless steel
- Lifetime Guarantee
- Quality crafted in Germany
- Used to trim bones
- Not recommended for root removal

Multipurpose instruments used to clamp off blood vessels, remove small root tips and grasp loose objects

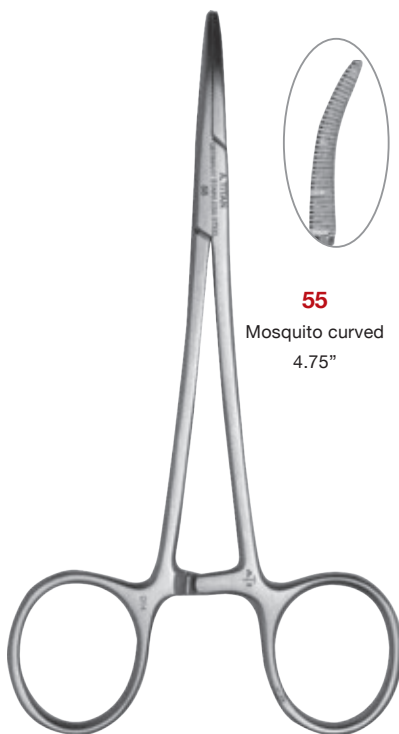
- Serrated tips
- 100% stainless steel
- Lifetime Guarantee
- Quality crafted in Germany



98
Kelly straight
5.5"



99
Kelly curved
5.5"



55
Mosquito curved
4.75"



54
Mosquito straight
4.75"

- Tungsten-Carbide tips eliminates needle rotation
- Fully Autoclavable
- German-made
- 100% stainless steel



M7
Mayohegar 7"



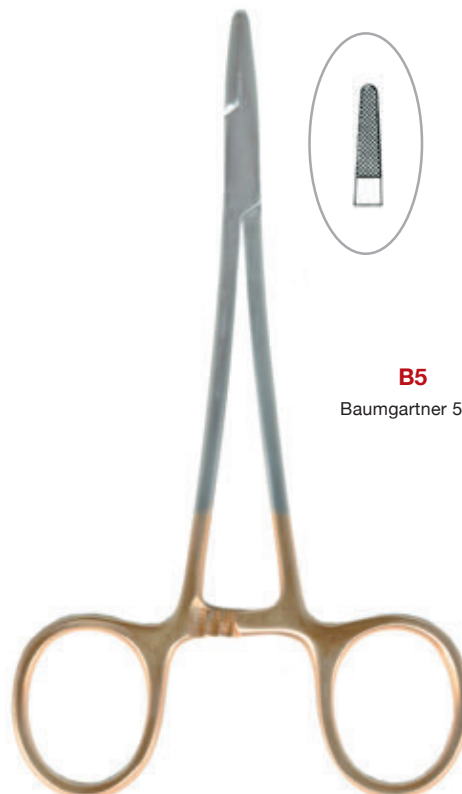
M6
Mayohegar 6"



Micro 6C
Micro 6"



C6C
Crilewood 6"



B5
Baumgartner 5.5"



D4
Derf 4 3/4"

- Tungsten-Carbide tips eliminates needle rotation
- Fully Autoclavable
- German-made
- 100% stainless steel



S6
Swedish 6"



O6C
Olsen-Hegar 6.25"
Scissor/Needle Holder
Combo



O5C
Olsen-Hegar 5.5"
Scissor/Needle Holder
Combo



MA14C
Mathieu 5.5"



MR17C
Mathieu - Ryder 6.75"



340TC
Boynton 4.75"

- Tungsten-Carbide Tips eliminate the rotation of needles when suturing
- Improved durability
- Beveled edges
- Recommended for use with a needle no larger than a P-3/C-3



188TC
Flat handle 5.5"
Castroviejo



188TC-LONG
Flat handle 7"
Castroviejo



188TC-CURVED
Flat handle 5.5"
Castroviejo
with curved beaks



2000 TC
Titan designed handle
5.9"



187TC

Round handle 5.5"
Castro Viejo

187TC-CURVED

Round handle 5.5"
Castro Viejo

187TC-LONG

Round handle 7"
Castro Viejo



- Tungsten-Carbide Tips eliminate the rotation of needles when suturing
- Improved durability
- Beveled edges
- Recommended for use with a needle no larger than a P-3/C-3

CASTROVIEJO SCISSORS

Microsurgical Scissors

2707

Curved Micro
Castroviejo
Tissue Scissor,
serrated,
5.75"

707

Curved
Castroviejo
Tissue Scissor,
4.75"



- Unique castro designed handle
- Reduce trauma by enabling an extremely smooth cutting of fine and coarse tissue



One blade is serrated to provide a smooth cut and stay sharper longer
Excellent for trimming tissue and suture material

- Fully Autoclavable
- German-made
- 100% stainless steel
- Lifetime Guarantee



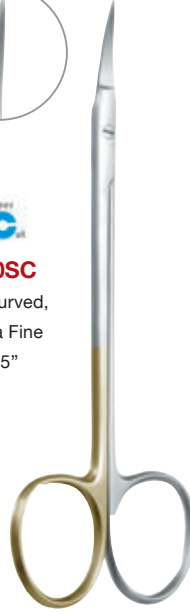
808SC

Goldman Fox,
5"



840SC

Iris Curved,
Extra Fine
4.5"



865SC

Iris Curved, 4.5"



869SC

Iris straight, 4.5"



877SC

LaGrange,
4.5"



8111C

Iris Curved,
Carbide tip
4.5"



8110C

Iris Straight,
Carbide tip
4.5"



- Fully Autoclavable
- German-made
- 100% stainless steel
- Lifetime Guarantee



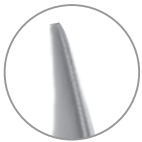
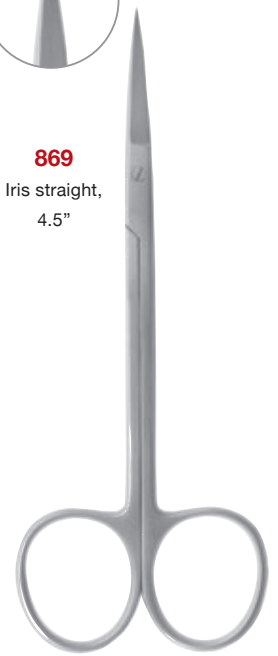
840
Iris Curved,
Extra Fine
4.5"



865
Iris Curved,
4.5"



869
Iris straight,
4.5"



808
Goldman Fox
Serrated,
5"



818
Metzenbaum
5.75"



815
Rounded tip,
4.5"



877
Curved
LaGrange,
4.5"

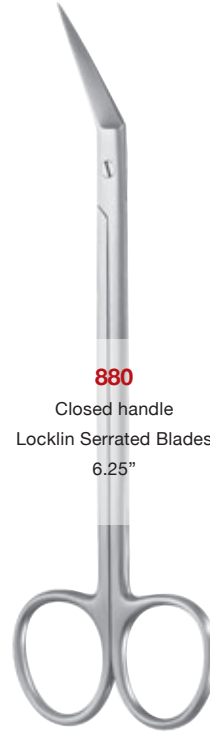




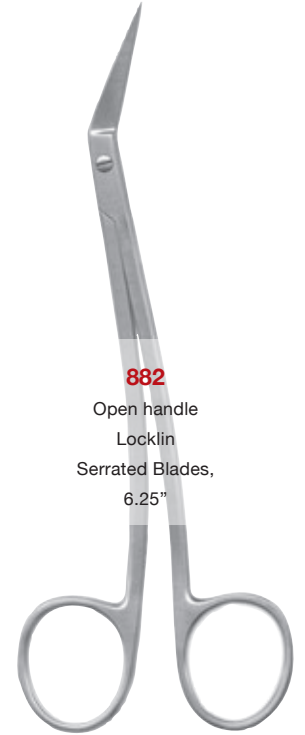
859
Curved Kelly
Serrated Blade
6.25"



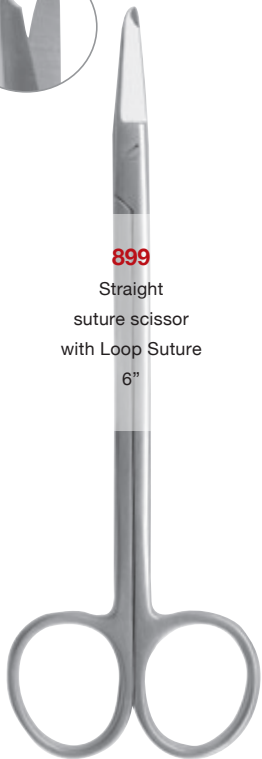
861
Dean scissor
with Serrated blades
7"



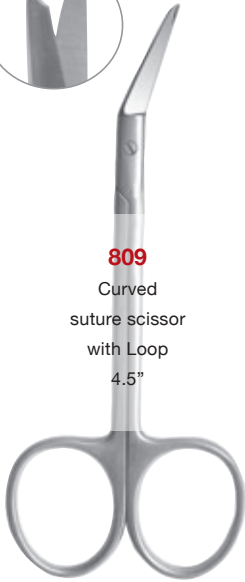
880
Closed handle
Locklin Serrated Blades
6.25"



882
Open handle
Locklin
Serrated Blades,
6.25"



899
Straight
suture scissor
with Loop Suture
6"



809
Curved
suture scissor
with Loop
4.5"



378
Crown & Bridge
4"



878
Crown & Bridge
4.5"



8546C
General
Office

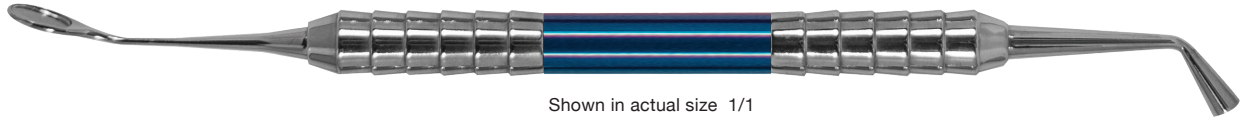
- Color-coded handles
- Stainless Steel Tips
- Light-weight
- Specialty designed handle for enhanced grip

Sinus 7

Bone Material Instrument

A spoon & plugger to carry and pack bone.

Not included in kit.



Shown in actual size 1/1



Sinus 0

Used first to separate the sinus lining

Sinus 1

25°/25° sinus elevator

Sinus 2

60°/60° sinus elevator

Sinus 3

90°/90° sinus elevator

Sinus 4

120°/120° sinus elevator

Sinus 5

90°/90°/60° sinus elevator

Sinus 7S

Smaller spoon & plugger to carry & pack bone

Sinus 8

4.47mm rounded cone
4.64mm normal cone

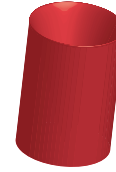
K7000 Sinus Kit

Includes: Sinus 0, Sinus 1, Sinus 2, Sinus 3, Sinus 4, Sinus 5, Sinus 7S and sterilization tray

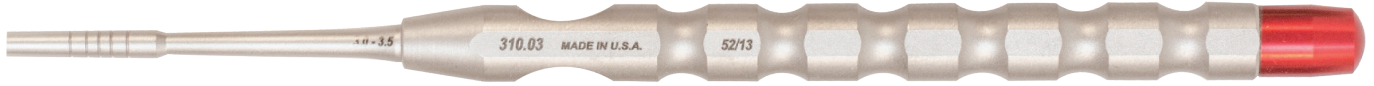
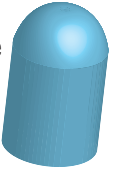


- 100% stainless steel
- Lifetime Guarantee
- Made in America

Concave
Tip Example



Convex/Dome
Tip Example



Straight Concave



310.01

2.0mm < 2.5mm



310.02

2.5mm < 3.0mm



310.03

3.0mm < 3.5mm



310.04

3.5mm < 4.0mm



310.05

4.0mm < 4.5mm



310.06

4.5mm < 5.0mm



Straight Convex



320.01

2.0mm < 2.5mm



320.02

2.5mm < 3.0mm



320.03

3.0mm < 3.5mm



320.04

3.5mm < 4.0mm



320.05

4.0mm < 4.5mm



320.06

4.5mm < 5.0mm

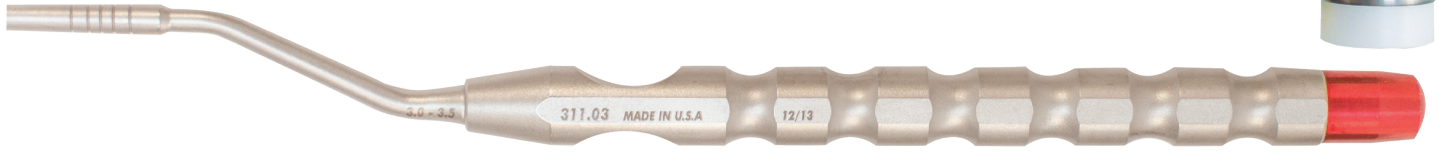
310.00 Osteotome Kit Concave

Includes 6 straight and 6 angled osteotomes with concave tips, 1 mallet and a custom sterilization tray T-20

(Includes, straight concave and angled concave)



Mallet Included in Kits or sold individually



Angled Concave



311.01

2.0mm < 2.5mm



311.02

2.5mm < 3.0mm



311.03

3.0mm < 3.5mm



311.04

3.5mm < 4.0mm



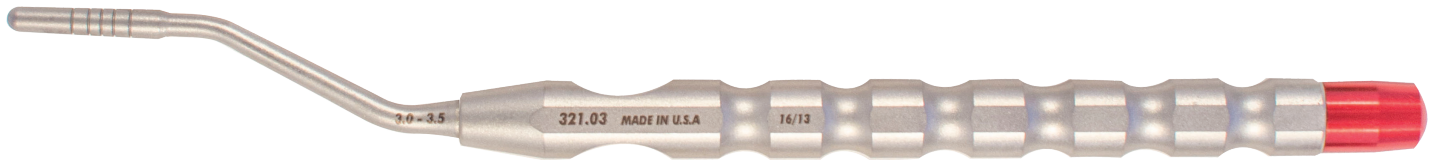
311.05

4.0mm < 4.5mm



311.06

4.5mm < 5.0mm



Angled Convex



321.01

2.0mm < 2.5mm



321.02

2.5mm < 3.0mm



321.03

3.0mm < 3.5mm



321.04

3.5mm < 4.0mm



321.05

4.0mm < 4.5mm

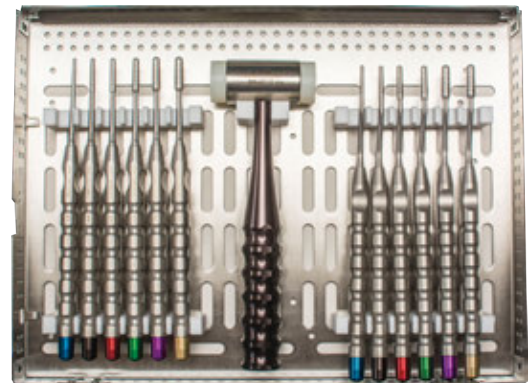


321.06

4.5mm < 5.0mm

320.00 Osteotome Kit Convex

Includes 6 straight osteotomes and 6 angled osteotomes with convex tips, 1 mallet and a custom sterilization tray T-20.
(Includes, straight convex and angled convex)



BONE BASIN

BONE MANAGEMENT

2500-81C

Membrane Positioning Instrument



2500-30C

Bone Carrier



MB-1

Bone Basin



TREPHINES

BONE MANAGEMENT

Universal design to assist in the placement and removal of implants

- Trephine Drills create a defined space in the bone enabling precision implant placement
- The special 'Form Drills' allow for bone stability
- All drills have depth markings at 9.0mm, 11.0mm, and have an overall length of 14mm
- Fast removal of "bone core"
- Generates healthy bone for grafting
- Effective in D1 and D2 Bone locations
- Fast and effective site preparation
- Reduces number of drills used for implant site preparation
- Designed to remove failed implants with minimal surrounding bone loss.

363.02

Outside Diameter: 2.4mm Inside Diameter: 1.6mm



369.03

Outside Diameter: 4.3mm Inside Diameter: 3.5mm



668.02

Trephine Rack

363.03

Outside Diameter: 3.3mm Inside Diameter: 2.5mm



369.04

Outside Diameter: 4.5mm Inside Diameter: 3.7mm



363.04

Outside Diameter: 3.6mm Inside Diameter: 2.8mm



369.05

Outside Diameter: 4.8mm, Inside Diameter: 4.0mm



363.05

Outside Diameter: 4.3mm Inside Diameter: 3.5mm



369.06

Outside Diameter: 5.2mm Inside Diameter: 4.4mm



363.06

Outside Diameter: 5.2mm Inside Diameter: 4.4mm



369.07

Outside Diameter: 6.2mm Inside Diameter: 5.4mm

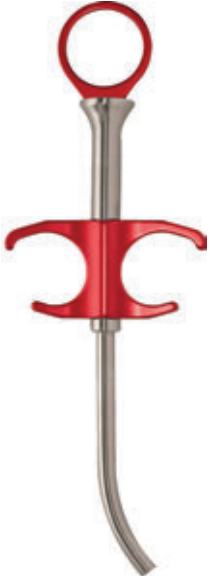


K-369 Trephine Drill Set

Includes: 369.03, 369.04, 369.05, 363.06, 369.07, and Trephine Rack 668.02

BONE MANAGEMENT

BONE FUNNELS



BFC 4.5

Curved,
4.5mm in length
Holds 2.0cc
of bone material



BFS 4.5

Straight,
4.5mm in length
Holds 2.0cc
of bone material

- Comfort grip thumb ring
- Graft material loads at both ends to prevent clogging
- 100% stainless steel
- Made in America



BFC 6.0

Curved,
6.0mm in length
Holds 2.6cc
of bone material



BFS 6.0

Straight,
6.0mm in length
Holds 2.6cc
of bone material

IMPLANT RESTORATION

IMPLANT DRIVERS



ID 526

Nobel
Biocare
Square
1.3mm



ID 528

Dentsply & 3i
Hex
0.9mm



ID 532

3i Implant systems
Hex
1.2mm



ID 531

Astra, Zimmer,
BioHorizons & Keystone
Hex
1.3mm



ID 527

Select Implant Systems
UniGrip Driver



ID 533

Straumann
SCS Driver



ID 530

Straight Systems
Driver

- Made in America
- Works with all major implant systems
- Color coded
- Autoclavable
- 440A Stainless Steel

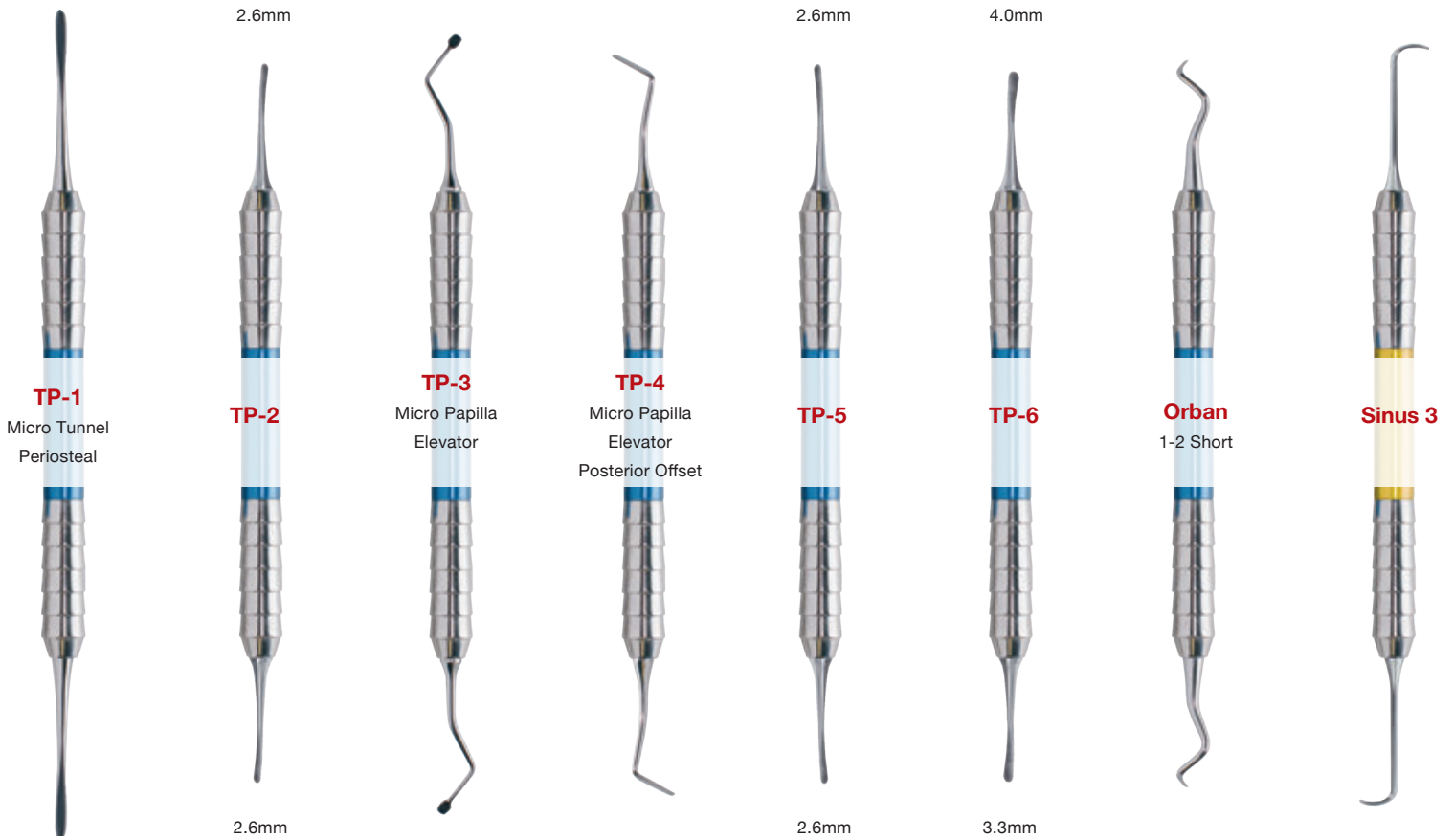


K7200 Universal Implant Driver Kit

Includes one of each; Square 1.3mm, Hex 0.9mm, Hex 1.2mm, Hex 1.3mm, UniGrip Driver, SCS Driver, Straight driver, and a sterilization tray.

MICRO TUNNELING INSTRUMENTS

IMPLANTATION



- Made in America
- Preserve tissue structures
- Eliminate bone fracture
- 440A Stainless Steel



K7100 Tunneling Kit
Includes one of each; TP-1, TP-2, TP-3, TP-4, TP-5, TP-6, Orban, Sinus 3, and a sterilization tray

TISSUE PUNCHES

IMPLANTATION

- 100% stainless steel to stay sharper longer.
- Available in 3, 4, 5, and 6mm diameters.



K3800C Cylindrical Tissue Punch Kit
(Not shown) Contains 3, 4, 5, and 6mm diameters, (389.03, 389.04, 389.05, 389.06) and holder (668.01).

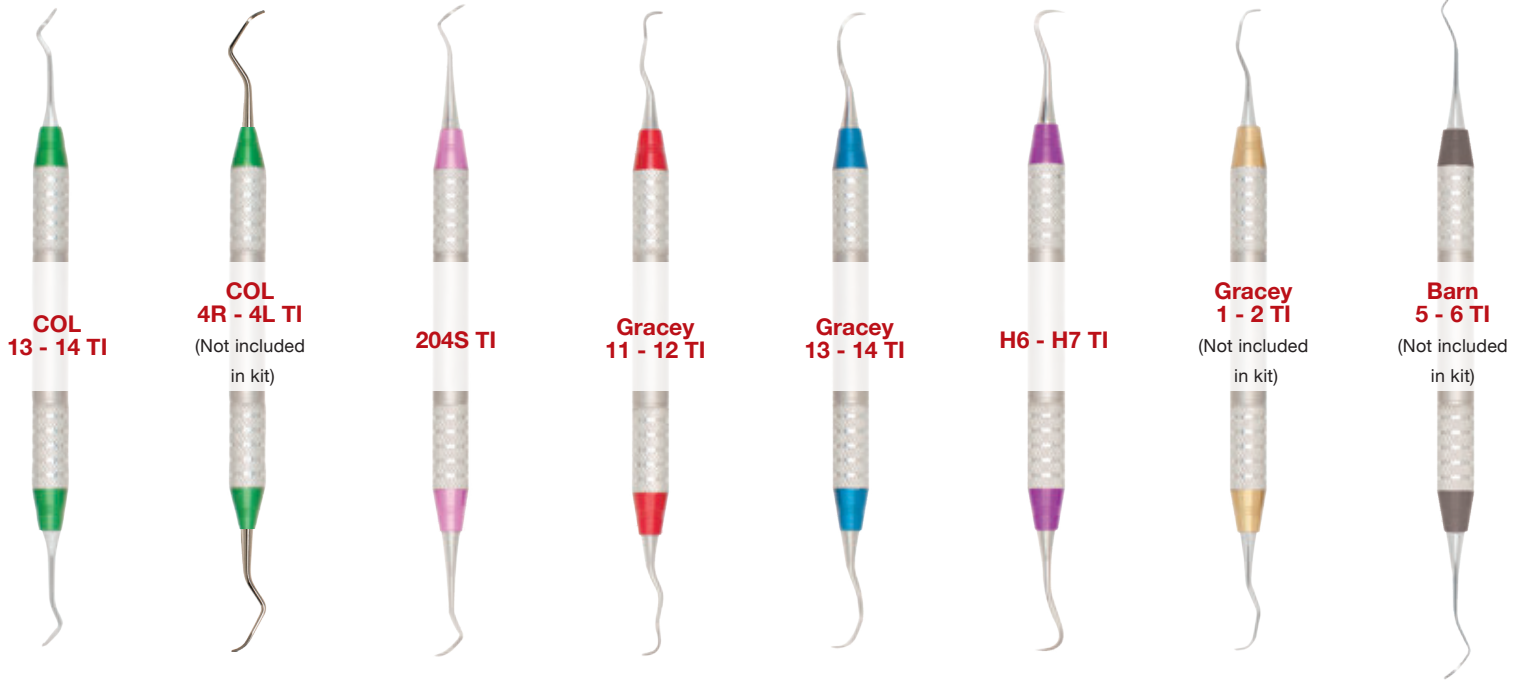


IMPLANTATION

TITANIUM IMPLANT SCALERS/CURETTES

Athena

Implant scalers/curettes clean an area with no damage to the implant or abutment



**COL
13 - 14 TI**

**COL
4R - 4L TI**
(Not included
in kit)

204S TI

**Gracey
11 - 12 TI**

**Gracey
13 - 14 TI**

H6 - H7 TI

**Gracey
1 - 2 TI**
(Not included
in kit)

**Barn
5 - 6 TI**
(Not included
in kit)

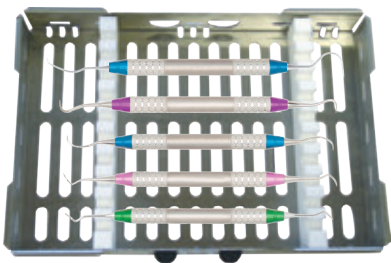
- Color-coded handles
- Tips made from 6AL-4V titanium alloy
- Fully autoclavable
- Guaranteed sharpness
- Made in America



K1800 Titanium Implant Scaler Kit
Includes one of each:
Col 13-14 TI, TI 204S TI,
Gracey 11-12 TI, Gracey 13-14 TI, H6-H7 TI and
Sterilization Tray T-5

IMPLANTATION

TITANIUM IMPLANT EXPLORERS & PROBES



K1800E Titanium Implant Scaler Kit
Includes one of each:
Col 13-14 TI, 204S TI, Gracey 13-14 TI, H6-H7 TI, EXPL 5 TI and Sterilization Tray



Expl 5 TI

- Used to find soft spots and holes around implant and abutment.
- D-Lite blue color coded handle.



Expl 23 TI



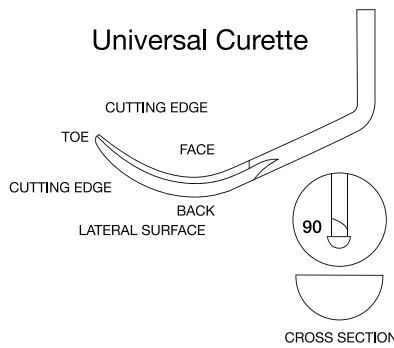
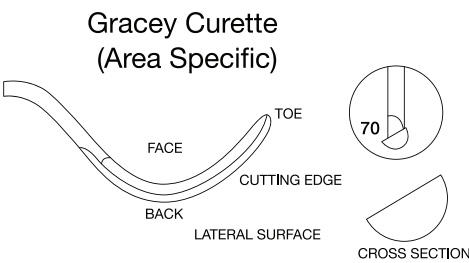
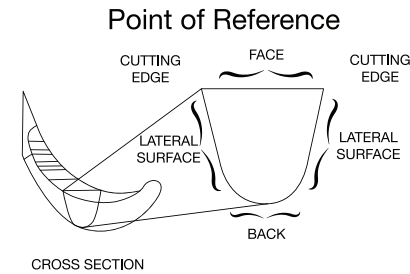
UNC 15 TI

- Single Ended, 15mm
- Used to measure pocket depths around implant & abutment.
- D-Lite blue color coded handle.

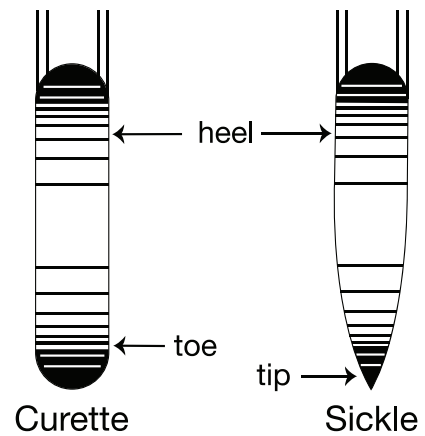
INSTRUMENT TIP INFORMATION

- **Ion charged technology** increases edge retention
- **Computerized hydraulic forming** ensures 100% angle accuracy.
- Made in America

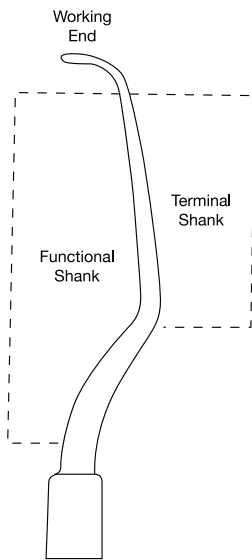
WORKING END OF SCALER & CURETTE



A blade that ends with a rounded tip/toe is classified as a curette. A blade designed with a pointed tip is classified as a sickle scaler.



THE INSTRUMENT SHANK



FUNCTIONAL SHANK

- Length extends to the working end of handle.
- Shank length can be short, moderate, or long.
- Moderate & long reach posterior teeth or root surfaces with pockets.
- Short are used to remove supragingival calculus deposits or surfaces of anterior teeth.

TERMINAL SHANK

- Length extends between blade & first bend.
- Specific length determines which instrument is used for accessing subgingival or supragingival calculus deposits.

INSTRUMENT HANDLE INFORMATION



- Life Steel Handle - 3/8" diameter, 9.5mm
- Light easy grip handle minimizes fatigue
- Smooth transition from shank to handle
- Large diamond knurl handle maximizes control and gives an optimal grip
- Available single or double ended
- 440A stainless steel

LIFE STEEL

Scalers and curettes

- #6 Handle
- Available single & double ended
- 440A stainless steel
- Diamond knurl for optimal grip
- Ranked #1 in industry by Gordon Christensen's CR Report



The Curved Sickle Scaler Two cutting edges on a curved blade that end in a sharp point.

H5

Sickle Scaler



U 15 - 30

Anterior/Curved towner sickle scaler combined with a straight jacquette sickle blade



H5-J1S

Anterior/Super thin sickle scaler combined with a straight sickle blade



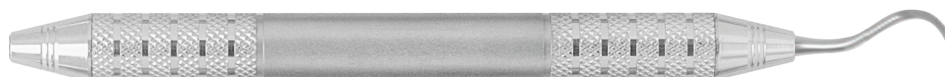
H6 - H7

Anterior/Super thin sickle with a contra-angle design. Shank angulation provides accessibility to all anterior and premolar surface



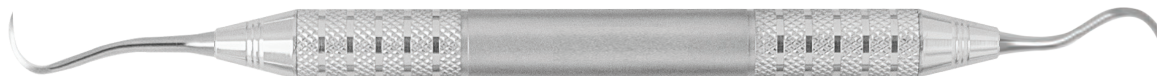
U15

Anterior/Curved towner sickle scaler



H5 - U15

Anterior/Curved towner sickle scaler used for the removal of supragingival calculus



H5 - 47

Sickle scaler and hoe working ends for removal of average to heavy deposits



Taylor 2-3

Posterior sickle scaler designed for the removal of supragingival calculus



NV 1

A thin anterior curved sickle paired with an end in the shape of a disk for anterior lingual stain and calculus removal.



NV 2

An extremely thin posterior curved sickle scaler.



NV 3

Duel cutting blades provide effective access in tight contacts and interproximal areas. Excellent for removal of light to moderate deposits.



NV 4

Posterior scaler with duel cutting blades provide effective access in tight contacts and interproximal areas. Excellent for removal of light to moderate deposits.



Two cutting edges on a straight blade that end in a sharp point.

JAC 1 - 2

Anterior Jacquette



JAC 1S - 2S

Anterior Mini Jacquette



JAC 2 - 3

Posterior Jacquette



JAC 2S - 3S

Posterior Mini Jacquette



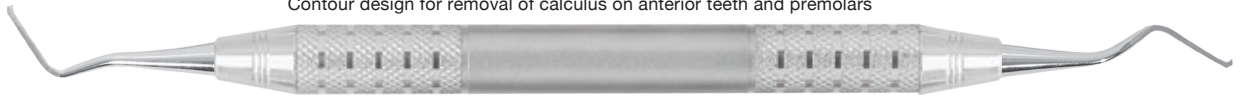
GF - 5

Used for removal of heavy calculus. Useful on proximal surfaces and interproximal areas during periodontal procedures



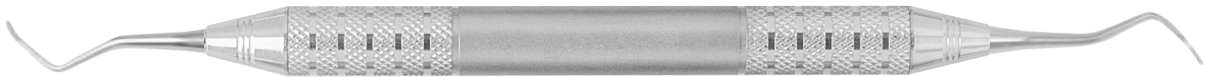
GF - 6

Contour design for removal of calculus on anterior teeth and premolars



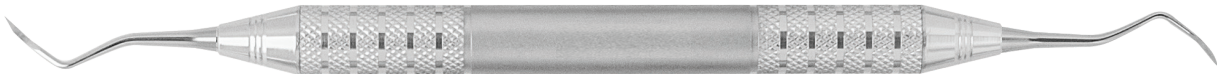
N 135

Long blade for easy access to posterior distal



N 137

Anterior curaler goes sub gingival without instrument change



204

Universal Scaler



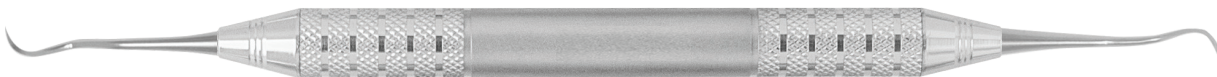
204S

For posterior supra-gingival interproximal scaling



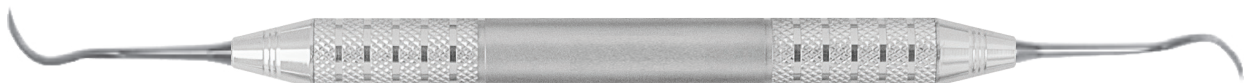
204SD

Contra angle offers greater access to posterior distal surfaces



MTJ

Contra-Angle for universal adaptation, sharp blades provide interproximal access



MC13 - 14

Universal Scaler

fine blade with severe shank angle for posterior



MC13S - 14S

Universal Scaler

Designed for tight posterior areas with pocket depth of 3mm or less. 'S' denotes sharpened to a point



MC17 - 18

Broad blade is slightly angled and curved for distals of 2nd and 3rd molars



MC17S - 18S

Slightly thinner blade. 'S' denotes a thinner blade with a rounded toe



Langer currettes are designed with a Gracey shank and a universal blade.

Langer 1-2

For mandibular posterior



Langer 3-4

For maxillary posterior



Langer 5-6

For maxillary & mandibular anterior



Langer 17-18

For maxillary & mandibular posterior



PERIODONTAL

BARNHART CURETTES

Barn 1 - 2

Narrow blade, slightly angled shank for anteriors



Barn 5 - 6

Narrow blade with a deeper shank angle for posteriors



PERIODONTAL

COLUMBIA CURETTES

COL 2R - 2L

Longer shank with shorter thicker blade for use on heavier anterior deposits



COL 4R - 4L

Deeper shank angle than Barn 5 - 6 for heavier posterior deposits



COL 13 - 14

Shorter broader blade than Barn 5 - 6 it adapts to concavities of roots

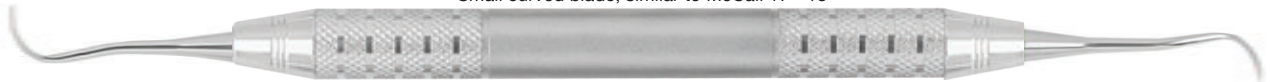


PERIODONTAL

YOUNGER-GOOD CURETTE

YG 7 - 8

Small curved blade, similar to McCall 17 - 18

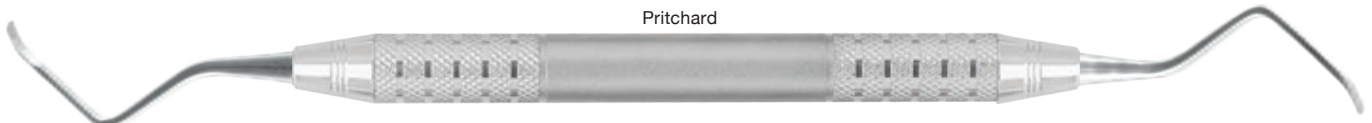


PERIODONTAL

SURGICAL CURETTES

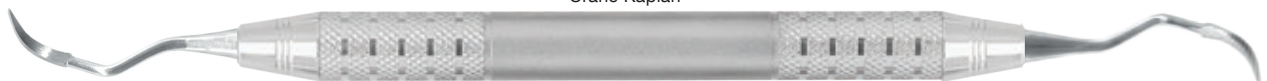
Pritch 1-2

Pritchard



CK 6

Crane Kaplan



GR 1 - 2

Slight contra-angle for anterior incisors and canines



GR 3 - 4

Short contra-angle for anterior incisors and canines



GR 5 - 6

Medium contra-angle for anteriors and premolars



GR 7 - 8

Medium contra-angle for premolars, facial, and lingual surfaces



GR 9 - 10

Long contra angle for molar buccal and lingual surfaces. More pronounced angle than 7-8 for less accessible areas



GR 11 - 12

Angled to reach the mesial surfaces of posterior teeth



GR 11 - 14

Along with the Gracey 12/13, the Gracey 11/14 offers Mesial Distal working ends which are designed to complete an entire facial OR lingual sextant of posterior teeth, without changing instruments. Used to complete the Buccal surface of the 4th Quadrant



GR 12 - 13

Along with the Gracey 11/14, the Gracey 12/13 offers Mesial Distal working ends which are designed to complete an entire facial OR lingual sextant of posterior teeth, without changing instruments. (i.e GR 11/14 would complete the Buccal surface of the 4th Quadrant. Used to complete the Ling



GR 13 - 14

Angled to reach the distal surfaces of posterior teeth



GR 15 - 16

Same shank bend of the 13-14, but angled to reach the mesial surfaces of posterior teeth



GR 17 - 18

With a smaller blade and slightly longer terminal shank, its angled to reach the distal surfaces of posterior teeth



Gracey Style Offerings:

Standard - For removal of fine-moderate calculus

- Optimal for pockets 4mm and less
- Greater tactile sensitivity & flexibility than rigid curettes

Rigid - For removal of heavy calculus

- Less flexible
- Thicker shank

After Five - Lower terminal shank extended 3mm

- Optimal for pocket depths greater than 4mm
- Blade is 10% thinner to allow for insertion with less tissue distention
- Provides improved access to root surfaces

Mini Five - Ultra slender blades, 50% thinner

- Reduces tissue distention
- Eases subgingival insertion
- Elongated terminal shank for access to pockets & root surfaces greater than 4mm.

AREA SPECIFIC CURETTES

PERIODONTAL

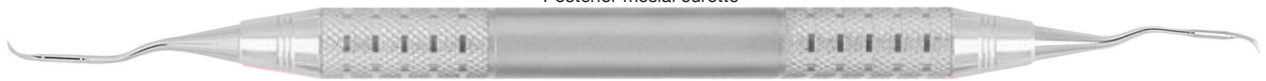
SUB 0

Anterior curette, long shank reaches deep into the sulcus, adapting to the facial and lingual root surfaces



SUB 11 - 12

Posterior mesial curette



SUB 13 - 14

Posterior distal curette



THE SHARPENATOR

SHARPENING

- Efficiently sharpens instruments without the need of two stones
- Coarse on one side and medium on the other
- The coarse side quickly re-shapes your blade while the medium side delivers a precise edge
- Made from a synthetic material, the stone is autoclavable, non-loading, requiring no oil
- Perfect for chair-side use
- Takes up no counter space



K-0300

The Sharpenator Kit
Includes one of each:
Medium (white)/ Coarse (pink) Sharpenator Stone, Ergonomic Test Stick, Sharpenator, Chair-side Disposable Sharpening Guide*

*Replacement chair-side guides sold separately

STERILIZATION CASSETTES

PERIODONTAL



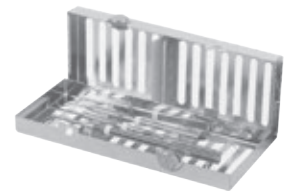
T - 20



T - 16



T - 10



T - 5

Custom inserts are made for all sterilization cassettes to hold instruments securely and maximize sterilization.

- Enhances tactile feel
- Extremely sharp
- Excellent memory

EXPL 2



EXPL 2A



EXPL 23 - DG 16



EXPL 11-12



EXPL 23 - 6



DG 16



EXPL 5



EXPL 6



EXPL 23



EXPL 6A



PROBES

DIAGNOSTIC



WILL

1-2-3-5-7-8-9-10mm



CP-11

3-6-8-11mm



CP-10

1-2-3-5-7-8-9-10mm



NABERS



CP-12

3-6-9-12mm



UNC 15

1-2-3-4-5-6-7-8-9-10-11-12-
13-14-15mm



WHO

3.5-5.5-8.5-11.5mm



UNIV MICHIGAN

3-6-8mm

EXPLORER/PROBES

DIAGNOSTIC



**WILL
6**



**WHO
23**

- Resists chipping or fading
- Color Coded
- Accurate Black Markings



**WILL
23**



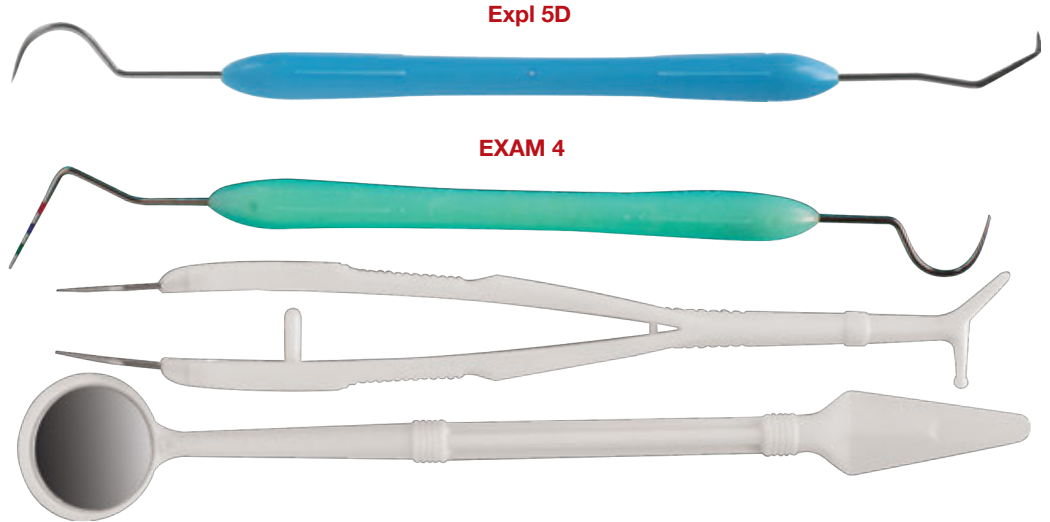
CP-12/23



Disposable diagnostic instruments are light weight, individually packed, sterile, and provide ease of use.

- Explorer, Double Ended
- Sterile
- Individually packed
- Single use
- 50 per box

- 4 IN 1 Exam Set Up
- Sterile
- Individually packed
- Single use
- Contains: (1) mirror, (1) tweezers, (1) explorer/probe color coded
- 50 per box



- Comfort grip finger rest and thumb ring
- Made in America

How it works

The threaded tip, barrel, rod/plunger has a harpoon attached that embeds itself into the rubber stopper of the carpule. The harpoon allows the dentist to aspirate (draw back) the injection site to ensure the needle tip is in the correct location before injecting the anesthetic solution.

ASPR-1
Aspirating Syringe



- Holds 1.8cc
- Lightweight comfort fitting thumb ring that provides a secure grip for multiple hand sizes

How it works

The self-aspirating mechanism works by a little bump at the end of the syringe compressing the diaphragm of the anesthetic cartridge during injection. When the pressure of injection is released there is the relaxation of the diaphragm, thus creating negative pressure.

With a self-aspirating syringe, aspiration can occur only after the injection has been started.

ASPR-2
Self Aspirating Syringe



COTTON PLIERS

OPERATIVE



2320-2

serrated
with lock



MERIAM



COLLEGE



2325-2

grooved
with lock



PERRY

CARVERS

OPERATIVE



89/92



90/93



Hollenback 3S



Hollenback 3

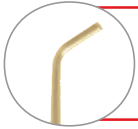


Ward 2

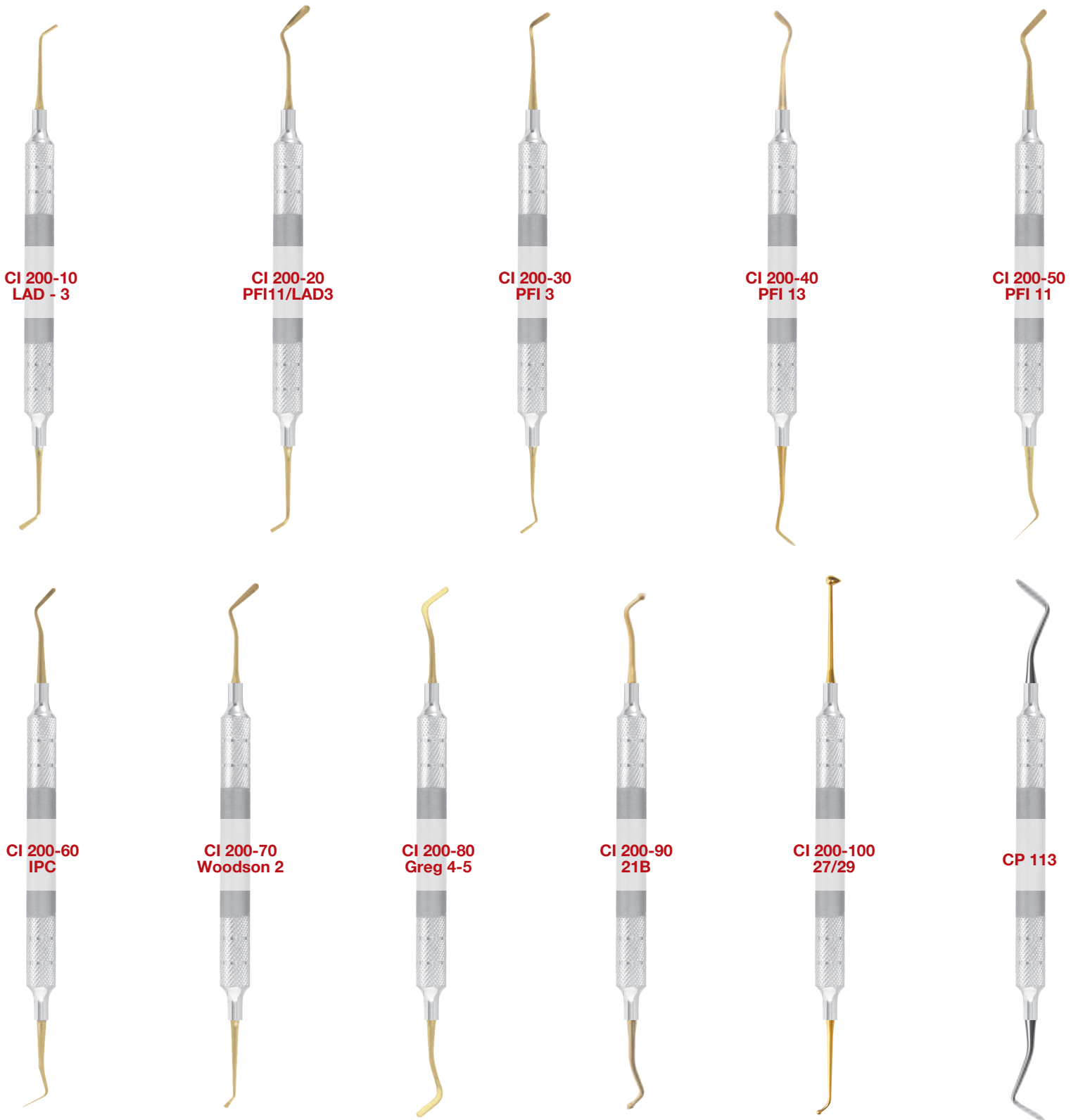


Tanner





Tips are coated with Titanium Nitride to ensure superior lubricity while placing composite.



COMPOSITE INSTRUMENTS

OPERATIVE



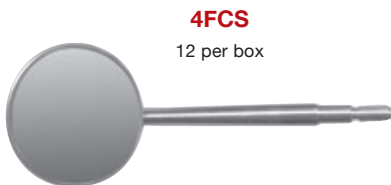
PLUGGERS

OPERATIVE

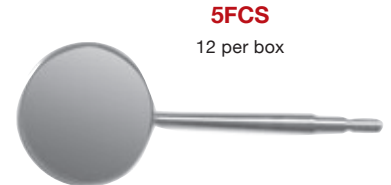


MIRRORS/HANDLES

OPERATIVE



- 100% stainless steel
- Cone socket design
- Mirrors produce distortion free images



OPERATIVE

EXCAVATORS



EXC 17



EXC 18



EXC 19



EXC 20



EXC 21



EXC 22



EXC 31



EXC 31L



EXC 32



EXC 33



OPERATIVE

BURNISHERS



**21B
Acorn**



**27-29
Egg**



25-26



**42
Ball**



**43
Ball**



- Spring & screw set prevents crushing of crown
- 20 Rubber Inserts
- 10g of emery powder
- Replacement powder and tips sold separately



- Crown spreading forceps
- Spreads the crown & breaks the cement seal
- Built in spring provides even transmission of force
- Eliminates shattering
- Eliminates pressure in patient's mouth



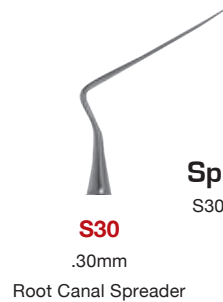
- Spreads the crown & breaks the cement seal
- Unique tip design enables usage throughout entire mouth
- Round handle provides optimal maneuverability & leverage



- Removes temporary crowns
- Tungsten carbide tips provide a non-slip grip



- Tips form a 90° angle and are serrated to ensure a firm grip
- Great for retrieval of small objects from tight spaces
- Removes files, silver points, reamers, & root fragments
- Made in Germany from 100% German stainless steel



Spreaders available are:
S30, S40, S50, S80, D11, & D11T



Root Canal Pluggers available are:
RCP 1/3, RCP 10, RCP 3-5, RCP 5/7, RCP 8, RCP 9 & RCP 9/11

ULTRASONIC CLEANING SOLUTION

Restore the life of your instrumentation while maintaining a safe and healthy environment for your patients

- Safe for all color coded surfaces
- Effective in both heated non-heated baths
- Transforms 1 ounce of formula into 1 gallon of solution

EUC 16
Enzymatic ultrasonic cleaner
with built in lubricant

Environmentally Friendly: Our biodegradable formula has a neutral PH that won't destroy the colored/anodized coating on instruments and keep them looking new and vibrant.

Revitalize Your Instrumentation: Keep your instrumentation performing like new with ColorZyme's built in lubricant and corrosive inhibitors that restore, renew, and prolong the life of all hinged and non hinged instruments.

Versatile: Powerful enzymatic formula can be used as an ultrasonic solution or pre-soak to rapidly breakdown proteins and eliminate all organic matter.

Easy Dispensing Container: Transforms one ounce of formula into 1 gallon of solution.

Maximize Office Efficiency: Fast Action concentrated liquid formula contains 16 fluid ounces per bottle.



Enzymatic Cleaning Solu-



- Smooth, polished needle, easy glide surface, & uniform thickness
- Superior suture material for advanced wound closure
- Minimal needle to material transition reduces suture line bleed.
- Stainless steel needles eliminate flex and fracture.
- 12 sterile sutures per box.
- Made in the U.S.A.



Absorbable Sutures

PLAIN GUT lasts 2 – 5 days with actual strength and will be completely absorbed in 14 days. Used underneath the top layer of the tissue. There is no follow-up surgery necessary for removal.

CHROMIC GUT treated in chromic acid salt, it retains actual strength for 6 – 10 days. Used on the top layer of the tissue, it's completely absorbed in 20 – 35 days. There is no follow-up surgery necessary for removal.

**In order to prevent the gut sutures from drying out and becoming unmanageable to suture they are packaged in isopropanol, water and triethanolamine which smells like alcohol.

PGA sutures are all braided and coated with polycaprolactone and calcium stearate. A completely synthetic material, it's available either dyed (violet, codes end with PGAV) and undyed (off-white color, codes end with PGA). The violet is a FDA-approved color additive called FD&C Violet No. 2. Recommended usage during surgical procedures due to:

- Excellent tensile strength throughout the critical wound healing period
- Excellent knot security
- Excellent handling
- Synthetic composition gives it a very predictable absorption profile
- Minimal inflammation in tissue

'Regular' PGA and 'Fast Absorbing' types are offered.

PGA FAST (PGAR) retains 50% of original tensile strength at 6 – 9 days after placement. Loses all tensile strength after approx. 14 days and is completely dissolved after about 42 days.

PGA retains 82% original tensile strength at 14 days after placement and 56% at 21 days. It's completely dissolved after 90 – 100 days.

Non-Absorbable Sutures

POLYPROPYLENE is a polyolefin material (plastic material), blue in color and easy to see because the sutures themselves are extremely thin. The material is extremely smooth (not braided), and will not stick to the tissue while being placed OR removed. Polypropylene is used when doing surgeries where the suture eventually has to be removed. Benefits include:

- Uniform diameter of suture (not braided)
- Maximum flexibility of strand
- Excellent security with snug and flattened knots
- No 'memory' and fraying

SILK material is braided to increase tensile strength and is dyed black. Silk is the easiest material to lay a knot with because it is so smooth.

CROSS REFERENCE CHART

NEEDLE CODE	SUTURE LENGTH	SUTURE SIZE	A. TITAN SUTURE CODE	ETHICON CODE	HU FRIEDY	LOOK
-------------	---------------	-------------	----------------------	--------------	-----------	------

ABSORBABLE

C-6	18"	3-0	ATI-6-18-3PGAV	J393H	PSN393V	GC 393N
C-6	18"	4-0	ATI-6-18-4PGAV	J392H	PSN392V	GC 392N
C-3	18"	5-0	ATI-3-18-5PGAV	J463G	N/A	GA 463N
C-6	18"	5-0	ATI-6-18-5PGAV	J391H	N/A	GC 391N

**ABSORBABLE
PGA Fast Absorbing**

C-31	18"	3-0	ATI-31-18-3PGAR	VR497	N/A	N/A
C-31	18"	4-0	ATI-31-18-4PGAR	VR496	PSN525FA	N/A

**ABSORBABLE
PGA Undyed**

C-6	30"	3-0	ATI-6-30-3PGA	J423H	N/A	423B
C-31	18"	3-0	ATI-31-18-3PGA	J497G	N/A	N/A
C-6	30"	4-0	ATI-6-30-4PGA	J422H	N/A	422B
C-3	18"	4-0	ATI-3-18-4PGA	J494G	N/A	N/A
C-31	18"	4-0	ATI-31-18-4PGA	J496G	N/A	496B
C-3	18"	5-0	ATI-3-18-5PGA	J493G	PSN493V	493B
C-31	18"	5-0	ATI-31-18-5PGA	J495G	N/A	N/A
C-3	18"	6-0	ATI-3-18-6PGA	J492G	PSN492V	N/A

ABSORBABLE

C-3	18"	4-0	ATI-3-18-4CG	1654G	PSN1654C	595B
C-3	18"	5-0	ATI-3-18-5CG	687G	PSN687C	1248B
C-6	27"	3-0	ATI-6-27-3CG	636H	PSN636C	560B
C-6	27"	4-0	ATI-6-27-4CG	635H	PSN635C	559B

ABSORBABLE

C-6	27"	3-0	ATI-6-27-3PG	H822H	PSNH822A	554B
C-6	18"	4-0	ATI-6-18-4PG	N/A	PSN7771A	591B
C-3	18"	5-0	ATI-3-18-5PG	686G	PSN686A	596B
C-6	27"	4-0	ATI-6-27-4PG	H8218	PSNH821A	551B
C-7	27"	3-0	ATI-7-27-3PG	H810H	PSNH810A	553B
C-9	18"	3-0	ATI-9-18-3PG	612G	PSN612A	594B

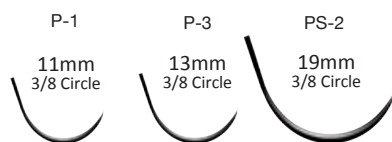
NON-ABSORBABLE

C-1	18"	6-0	ATI-1-18-6PPN	8697G	PSN8697P	1079B
C-1	18"	7-0	ATI-1-18-7PPN	8696G	PSN8696P	N/A
C-3	18"	5-0	ATI-3-18-5PPN	8698G	PSN8698P	1085B
C-3	18"	6-0	ATI-3-18-6PPN	8695G	PSN8695P	1082B

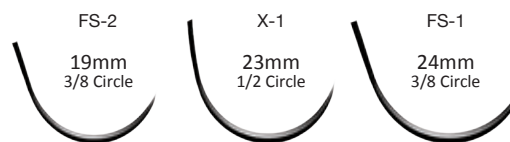
NON-ABSORBABLE

C-6	18"	3-0	ATI-6-18-3BBS	N/A	PSN7772S	784B
C-6	18"	4-0	ATI-6-18-4BBS	683G	PSN683S	781B
C-9	18"	3-0	ATI-9-18-3BBS	632G	PSN632S	785B

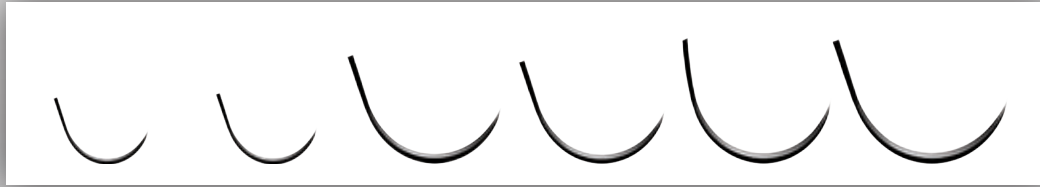
Precision Reverse Cutting



Reverse Cutting



RAZOR SHARP STAINLESS STEEL NEEDLES



#C-1
11mm
3/8 Circle

#C-3
13mm
3/8 Circle

#C-31
19mm
3/8 Circle

#C-6
19mm
3/8 Circle

#C-9
23mm
1/2 Circle

#C-7
24mm
3/8 Circle

NEEDLE CONVERSION CHART

A. TITAN	ETHICON	HU-FRIEDY
C1 (3/8 circle, 11mm long, Precision Reverse cutting)	P-1	C-1
C3 (3/8 circle, 13mm long, Precision reverse cutting)	P-3	C-3
C-31 (3/8 circle, 19mm long, Precision reverse cutting)	PS-2	C-6
C6 (3/8 circle, 19mm long, Reverse cutting)	FS-2	C-6
C7 (3/8 circle, 24mm long, Reverse cutting)	FS-1	C-7
C9 (1/2 circle, 23mm long, Reverse cutting)	X-1	C-9

SUTURE MATERIALS

ABSORBABLE	PGA Violet	_____	PGA Violet	ABSORBABLE
	PGA Fast Absorbing	_____	PGA Fast Absorbing	
	PGA Undyed	_____	PGA Undyed	
	Chromic	_____	Chromic	
	Plain	_____	Plain	
NON-ABSORBABLE	Polypropylene	_____	Polypropylene	NON-ABSORBABLE
	Black Braided	_____	Black Braided	

IMPLANT SURGERY



SINUS LIFT SURGERY



BIOLOGICS



IMPLANT RESTORATION





P301
Labial/Buccal
Lingual/Palatal



P302
Mesial
Distal



P303
Labial/Buccal
Lingual/Palatal



P304
Mesial
Distal

- OTA periostomes available in four different blade configurations - wide, narrow and two angled
- Color coded for easy identification

OTA400 Set of 4
Includes one of each:
P301 Blue Periostome, P302 Gray Periostome, P303 Gold Periostome and P304 Green Periostome.

- Ideal for atraumatic extractions in the molar region
- Available in 2 blade configurations
- Color coded for easy identification

P405



P406



- Precisely measure bone defects
- 30° angle tips
- Measure from 0-40mm

- Ideal for measuring bone through soft tissue
- Indicates an approximation of bone needed for remapping

OC-Short
Osseous Caliper,
Short



OC
Osseous Caliper,
Long

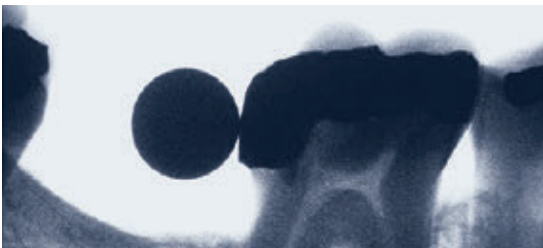
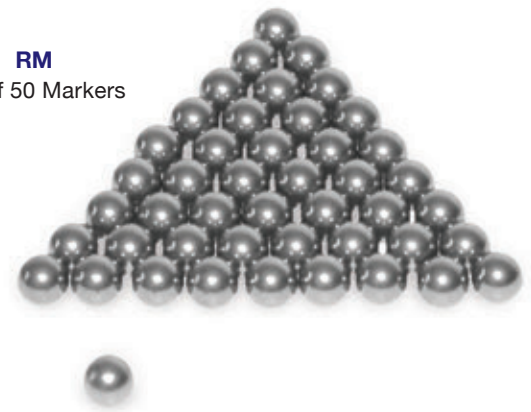


OCRA
Right-Angled Caliper



- Measure bone accurately
- 5mm stainless steel marking ball measures the exact about of bone for implant placement
- Available in a set of 50

RM
Set of 50 Markers



- Blocks pain from injections
- Eliminates use of a topical anesthetic

How It Works:

1. Battery operated motor attaches to a conventional syringe
2. Twist the knob on top of the motor which causes the needle to vibrate.
3. High frequency vibration stimulates the nerve endings, blocking the the transmission of pain feelings to the brain.
4. Normal injection technique is used.

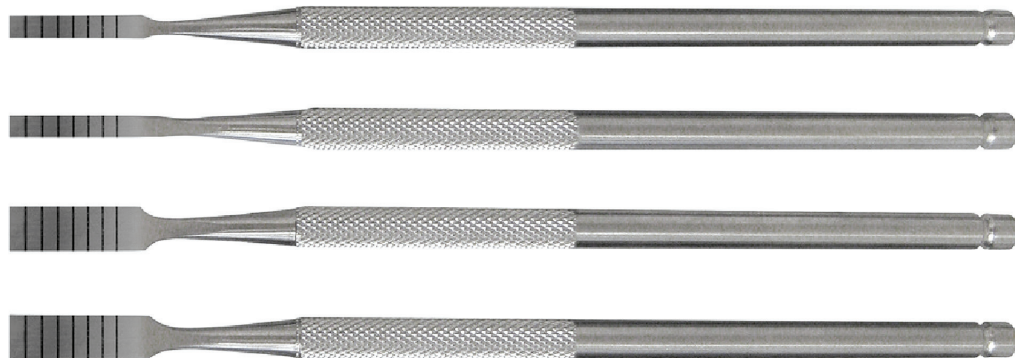
Sterilization:

- Clip bracket can be left attached during sterilization process
- Remove motor from clip prior to autoclaving
- Motor can be wiped off with alcohol or other surface disinfectants



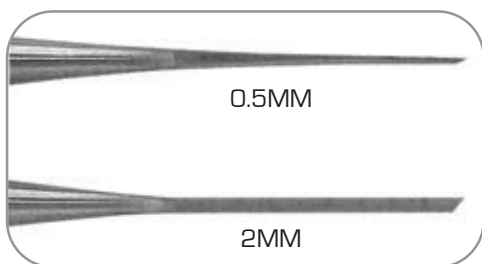
VJ2002 Standard Kit
with replaceable 1.5 volt batteries

- Ridge splitting chisels
- Available in 2 thicknesses
- Blades are calibrated with score lines marked at 2mm increments

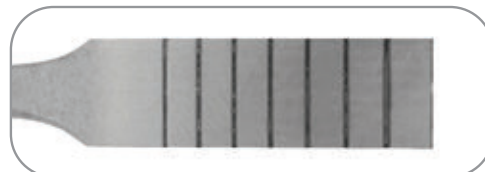


RSC Bone Chisels
Set of 4 instruments

BLADE THICKNESS



2MM INCREMENT SCORE LINES



IMPLANT SURGERY

OSSEOUS GLIDER

- Sterile Disposable bone scraper
- Always has a fresh blade
- 360° blade is marked in 4 sections
- Expose new cutting surface with the twist of any .050 hex driver



BG200

Recommended for ramus, symphysis, and tuberosity areas of the mouth.



BG205

Recommended for the external oblique ridge. Hold at a 35 degree angle on the ridge.



IMPLANT SURGERY

REUSABLE OSSEOUS SCRAPERS

- Multiple use
- Sharp Replaceable blade
- Comfortable grip on reusable handle
- Harvest .5cc of bone
- Replacement blades sold separately

700-2

Bone Harvester, Angled



700-1

Bone Harvester, Straight



IMPLANT SURGERY

OSSEOUS COLLECTOR

- Sterile Disposable bone collector
- Harvest valuable autogenous bone
- Correct small defects around implant sites and periodontal comprised teeth
- Shut off valve cuts off suction eliminating the chance of drying out bone
- Includes 1 filter
- Sold in packs of 10
- Single patient use only

BC100

Osseous Collector, pack of 10



Amount of bone collected from implant drills.

Looking for the secret to perfect sinus lifts?

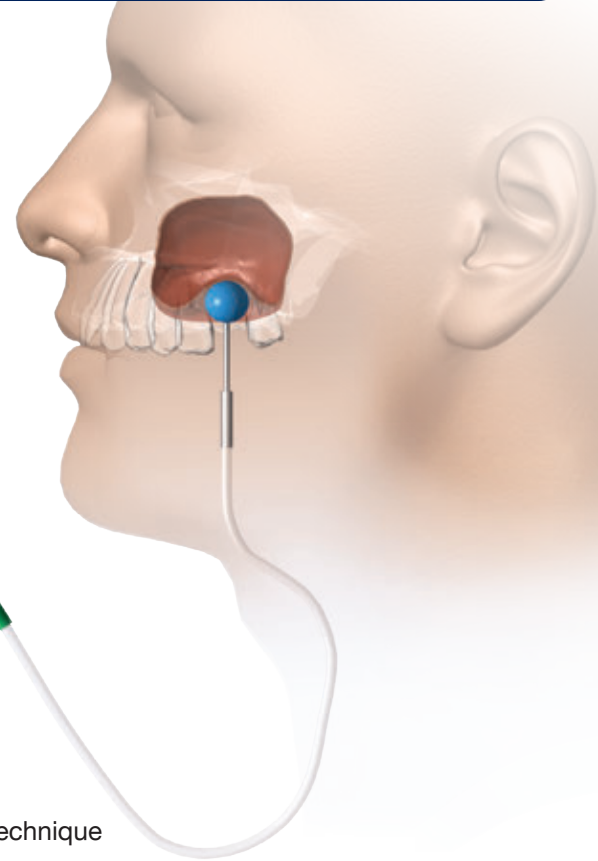
Try the OTA Balloon for Sinus Lifts (BSL). These sterile balloons make it easy to perform an atraumatic membrane elevation. Deliver predictable results, decreases surgical time, & minimizes membrane tears.

Process:

1. Inflate balloon with syringe
2. Required graft material is directly proportionate to the amount of fluid used to inflate the balloon: 1cc of fluid will require 1cc of graft material

Balloon Configurations:

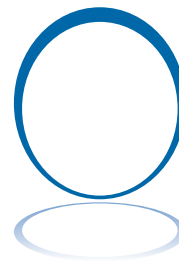
- Straight BSL - 3.1mm diameter shaft with 4cc capacity
Used for osteotome, socket or closed technique through extraction site
- Angled BSL - 3.1mm diameter shaft with 4cc capacity
Designed for an antral approach using the Caldwell- Luc window or open technique
- Micro Mini BSL - 1.9mm shaft with 1.5cc capacity
Used for entry through the implant osteotomy site when placing a small diameter implant.



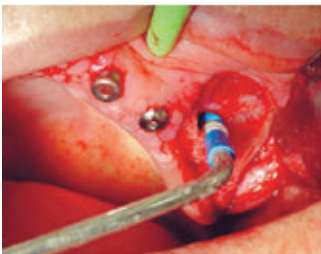
SME14002 Balloon for Sinus Lift, Straight

SME14004 Balloon for Sinus Lift, Micro Mini

SME14003 Balloon for Sinus Lift, Angled



Osseous Technologies
of America



- Developed by Dr. Carlos Bergamasco and Dr. Ronald Cardoso
- Each instrument is numbered and each side is labeled A and B
- Unique instruments can be utilized in many ways

RCSLK Kit

Includes the following: 1RC, 2RC, 3RC, 4RC, 5RC, & Sterilization Cassette.



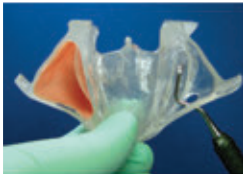
1RC

- Used to fracture the lateral window and sinus floor
- Can be used as a depth gauge
- Compact graft material through the alveolar or window



2RC

- Used for left and right maxillary sinus initial detachment
- Detach Schneiderian membrane with side A around the windows edges
- Elevate the membrane with side B



3RC

- For use in a large sinus
- Use side A in the right maxillary sinus mesial and anterior walls
- Use side B in the right maxillary sinus posterior sinus floor and anterior walls



4RC

- Used to extend and release the Schneiderian membrane further into a small sinus cavity through a lateral window
- Head is flat and oblong shaped
- Shaft is angled allowing for close access to the mesial and lateral wall



5RC

- Side A used carry graft material in the maxillary sinus
- Side B is a graft packer

Standard Sinus Lift Kit

Includes the following: OTA1, OTA2, OTA3, OTA4, OTA5, OTA6, OTA7, OTA8, OTA9, OTA10, and a sterilization cassette.



- Working ends have a variety of angles and sizes
- Working end shapes include balls, pearls, cones, and elevators



OTA1

25°/25° sinus elevator

OTA2

60°/60° sinus elevator

OTA3

90°/90° sinus elevator

OTA4

120°/120° sinus elevator

OTA5

90°/90°/60° sinus elevator

OTA6

90°/90°/90° sinus elevator

OTA7

90°/90°/35° sinus elevator

OTA8

ball: 6.09mm / plugger: 4.572mm

OTA9

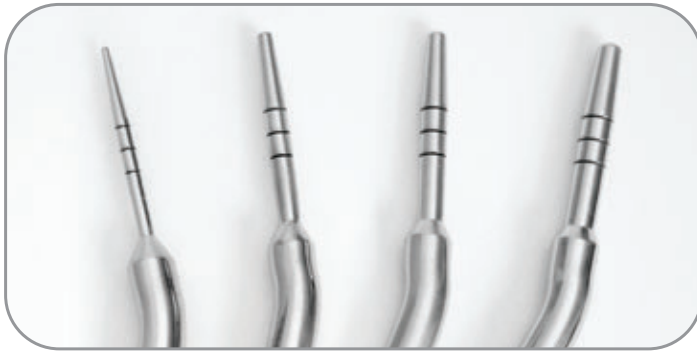
7.21mm / 6.04mm

OTA10

2.08mm / 1.473mm

SINUS LIFT SURGERY

- Diameters that correspond to the Noble Biocare Replace Select System
- Angled for the posterior
- Sold individually or in as a kit of 4



RS2.0

RS3.5

RS4.3

RS5.0



K951 Kit

Kit includes the following: RS2.0, RS3.5, RS4.3, RS5.0, and sterilization cassette.

IMPLANT SURGERY

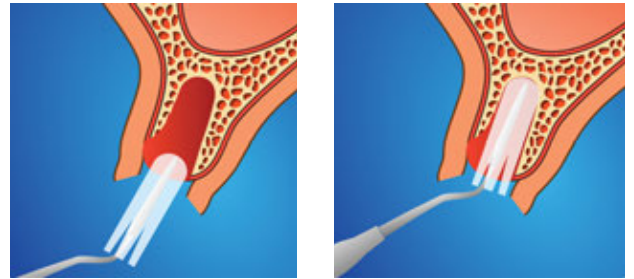
- Versatile bone packers provide ease of use
- Stainless steel
- Available in a set of 2

GRAFT PACKERS

GP541 Graft Packer Set



- Place, position, and manipulate collagen capsules
- Dual set of condensers with variable shaped ends allows for management of narrow and wide spaces



CDI01

Capsule Delivery Instrument, Thin

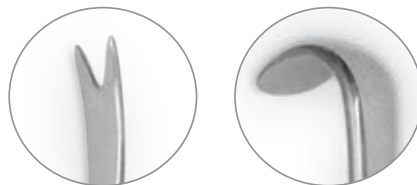


CDI02

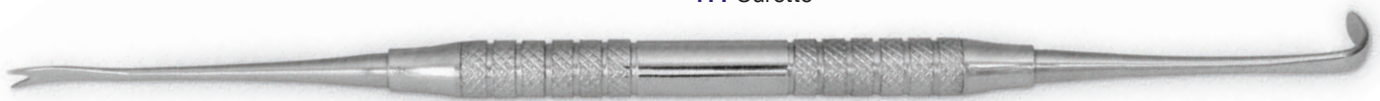
Capsule Delivery Instrument, Thick



- Features one end with 2 short sharp prongs
- Ideal for collagen placement
- Universal opposite end for various procedures



411 Curette



- Alternative to autogenous bone, allografts, and xenografts
- Used to preserve and graft alveolar bone
- Harvested algae is transformed into calcium phosphate, which can provide osteoconductive scaffolding for bone regeneration in grafting procedures
- Available in .5ml (OTA501), 1ml (OTA502), and 2ml (OTA503) vials



Alternative to autogenous bone

Algisorb™ (formerly known as C-Graft™ or Algipore™) is a completely natural bone-grafting material derived from the skeleton of marine algae, a renewable plant harvested off the coasts of South Africa and England.



AL501 algisorb™ .5ml vial

AL502 algisorb™ 1ml vial

AL503 algisorb™ 2ml vial

According to Boyd Tomasetti, DMD, Assistant Clinical Professor at the University of Colorado School of Dentistry, a board certified oral/maxillofacial surgeon, and past president of the American Association of Oral and Maxillofacial Surgeons and the Colorado Society of Oral and Maxillofacial Surgeons, “The processing of the algae eliminates any type of contamination or proteins present in the plant form, making the finished product completely safe for human implantation. Furthermore, the clinical applications of C-Graft™ relates to dental implant surgery specifically,” Tomasetti explains. “I have begun using C-Graft™ almost exclusively in my practice. It certainly has been shown to be superior to bovine-derived materials and, as an oral surgeon, I have found it to be an excellent alternative to autogenous bone.”

Premier TCP's unique osteoconductive granule structure for faster and steadier new bone-formation

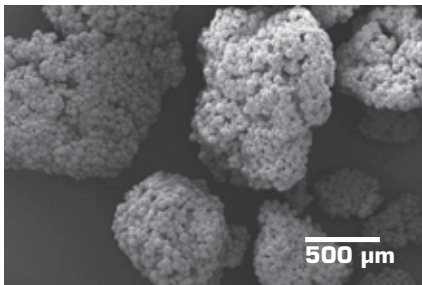
- Highly pure tricalcium phosphate
- Excellent bio-compatibility
- Better resorbability
- Allows for easier mixing with blood
- Suitable scaffold for cell proliferation
- Open micro and macro pores allow faster replacement by newly formed autogenous bone



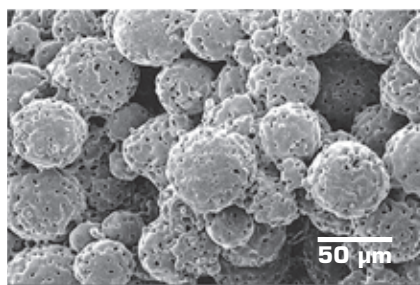
PRE150 Premiere TCP
.5g bone grafting material

SEM image of a granule

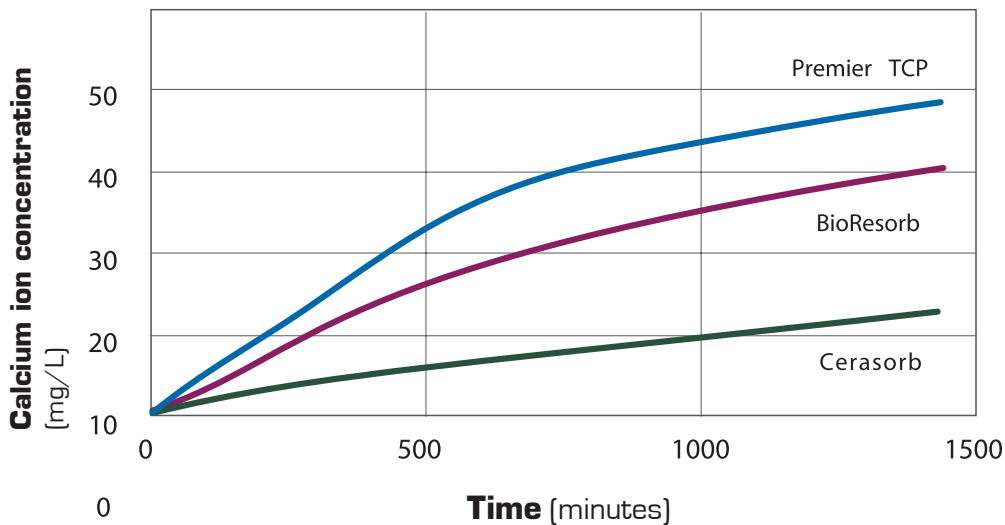
ORIGINAL MAGNIFICATION X 50



ORIGINAL MAGNIFICATION X 500



Comparison of dissolution speed



(The test was conducted at Chemsultants, Inc, USA)

Optimize the tightening of your prosthetic constructions in total safety

The success of the implant treatment depends on the precise tightening of the parts placed directly on the implant. A calibrated tightening can only be guaranteed through the use of a precision instrument offering a torque control system. The dynamometrical manual wrench Torq Control® has been specially designed by Anthogyr to meet those requirements.

Universal Torque Wrench Features

- Perfect control of torque with 7 torques values: 10/15/20/25/30/32/35N.cm
- Automatic de-clutching prevents the screw from loosening and fracture
- Lightweight (only 135g) for a better freedom of movement
- Angled micro-head provides optimized access in mouth (posterior areas)
- One piece design with smooth surface limits bacterial retention
- Withstand sterilization (in an autoclave at 135°C)



15500
Universal Torque Wrench

3 EASY AND SIMPLE STEPS

STEP 1



Select the recommended torque

STEP 2



Screwing

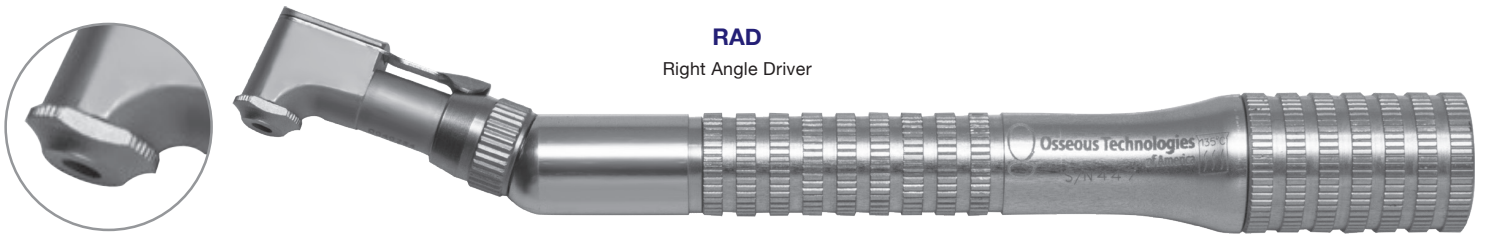
STEP 3



The screw automatically stops when the selected torque is reached

Our right-angled driver makes it easy to place posterior screws in the mandible or maxilla. Because it's manually driven, there's no need to connect it to a hand piece

- Ability to rotate the head to the exact angle you need, maximizing access and comfort
- Pre set torque adapters allow you to achieve a specific torque value
- Torque Adapter is sold separately



RAD
Right Angle Driver

- 7 torque values 10, 15, 20, 25, 30, 32, 35 Ncm
- Easily connects to Right Angled Driver (RAD)
- Autoclavable

ATA
Torque Adapter



- Compatible with all major implant systems
- Bits are used with a right-angled driver or any standard latch-type contra-angle system
- Ideal for posterior abutments and cover screws in the mandible and maxilla
- Each bit is laser etched for quick identification



Bits Kit

Bits for Right-Angled Drivers, Set of 7

LATCH-TYPE BITS

PART NO.

—	Straight Screwdriver	Straight Systems	BIT1
★	SCS Screwdriver	Straumann	BIT2
★	UniGrip Driver	Replace Select, Implant Direct	BIT3
⬡	Hex 1.25/.050 inch	Lifecore, Biohorizons, Astra, Zimmer, Cortex, Implant Direct, MIS, Sybron, Camlog, Implant Logistics	BIT4
⬡	Hex 1.2mm/.048 inch	3i System, Megagen, Hiossen	BIT5
⬡	Hex 0.9/.035 inch	Friadent, Ankylos, 3i Cover Screw	BIT6
■	Square 1.3/.050 inch	Gold Screw/Nobel Biocare	BIT7

CUSTOMIZATION AVAILABLE

Fully adjustable precision torque wrench designed with 9 distinct torque settings

A simple twist of the handle locks in precision-engineered torque values guaranteeing accuracy and repeat-ability.

Adjustable Torque Wrench Features

- Minimizes the risk of the implant screw working loose
- Improves precision during bridge fabrication
- Autoclavable
- No lubrication needed
- Ratchet mechanism
- 9 Torque settings (15, 20, 25, 30, 35, 40, 45, 50 and 60 Ncm)
- Torque settings lock into select location for accuracy and repeat-ability
- Ratchet clutch disengages (slips) when torque is applied to avoid over torquing
- Torque settings are provided for use with all implant designs
- Wrench head accepts the standard 4mm square connection



ATW

Adjustable Torque Wrench



724

Handle, Long Square

Individual Bits

Bits work in the manual drivers and the handles



725

Handle, Short Square



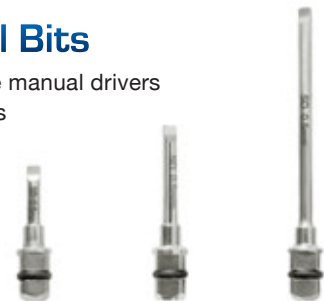
K731S, K731M, K731L

Square Bits, Set of 7, Short, Medium or Long



LA

Adapter, Square to Latch



SHORT
18mm

MEDIUM
23mm

LONG
39mm

SQUARE BITS

			SHORT 18mm	MEDIUM 23mm	LONG 39mm
—	Straight Screwdriver	Straight Systems	703	704	705
★	SCS Screwdriver	Straumann	706	707	708
★	UniGrip Driver	Replace Select, Implant Direct	709	710	711
⬡	Hex 1.25/.050 inch	Lifecore, Biohorizons, Astra, Zimmer, Cortex, Implant Direct, MIS, Sybron, Camlog, Implant Logistics	712	713	714
⬡	Hex 1.2mm/.048 inch	3i System, Megagen, Hiossen	715	716	717
⬡	Hex 0.9/.035 inch	Friadent, Ankylos, 3i Cover Screw	718	719	720
■	Square 1.3/.050 inch	Gold Screw/Nobel Biocare	721	722	723

- Long and short-handled drivers work with all major implant systems
- Compatible with 95% of all implant systems sold in the United States
- Long-handled drivers provide outstanding access between teeth and are specifically designed for maxillary cases
- Short drivers are designed for anterior mandible cases
- Drivers are color-coded for easy identification
- Fully autoclavable
- Sold individually and in a set of 7
- Short-handled drivers are 1.75 inches long
- Long-handled drivers are 4.25 inches long



CUSTOMIZATION AVAILABLE



K539
Long-Handled Drivers
Set of 7
Individual Drivers,
Long 4.25"



K540
Short-Handled Drivers
Set of 7
Individual Drivers,
Short 1.75"

TIPS

SHORT

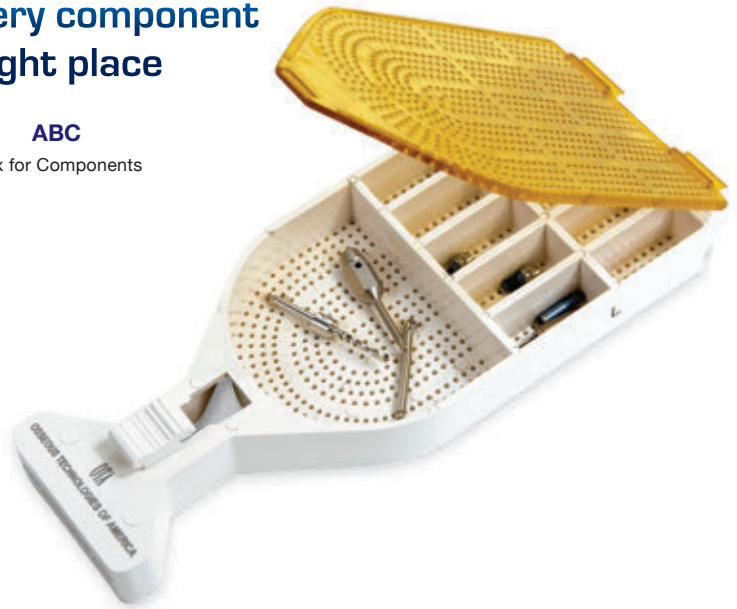
LONG

—	Straight Screwdriver	Straight Systems	ID535	ID530
★	SCS Screwdriver	Straumann	ID536	ID533
★	UniGrip Driver	Replace Select, Implant Direct	ID534	ID527
⬠	Hex 1.25mm/.050 in	Lifecore, Biohorizons, Astra, Zimmer, Cortex, Implant Direct, MIS, Sybron, Camlog, Implant Logistics	ID543	ID538
⬠	Hex 1.3mm/.050 in	Lifecore, Biohorizons, Astra, Zimmer, Cortex, Implant Direct, MIS, Sybron, Camlog, Implant Logistics	ID524	ID531
⬠	Hex 1.2mm/.048 in	3i System, Megagen, Hiossen	ID537	ID532
⬠	Hex 0.9mm/.035 in	Friadent, Ankylos, 3i Cover Screw	ID529	ID528
■	Square 1.3mm/.050 in	Gold Screw/Nobel Biocare	ID525	ID526

The ABC box is an easy way to keep every component from an individual case in exactly the right place

- Small compartments on the sides are for abutments, screws and crowns
- Large compartment in the center holds bars, bridges and larger instruments used during procedures
- Autoclavable
- No more mixed up parts!

ABC
Box for Components



No more burned fingers or dropped analogs

- Easy way to hold an analog while prepping
- Universal holder works with analogs from any implant system
- The holder includes three color-coded chucks



136
Universal Analog Holder



Red chuck holds 1.5mm to 3.0mm analogs



Gold chuck holds 3.0mm to 4.5mm analogs



Green chuck holds 4.5mm to 6.5mm analogs



- Spring & screw set prevents crushing of crown
- 20 Rubber Inserts
- 10g of emery powder

RUBBER TIPS

Pack of 20 each



POWDER

10g



1000

Temporary Crown Remover
Includes 10g of emery powder
and 20 replacement pads



Special cement for implant restoration, ImplaTemp, is a non-eugenol temporary cement that is very adhesive

- Provides good prosthesis retention
- Allows for a trouble-free removal
- Two-stage set allows for quick and easy removal of excess cement around the prosthesis
- Will adhere to most methylmethacrylate temporary materials
- Formulated to minimize post-operative discomfort



ImplaTemp

Allows you to hold an abutment while screwing it into place

- Reduces the risk of dropping abutments in a patient's mouth
- Works with any implant abutment
- Useful for posterior placements



800-2
Abutment Holder,
Short



800-1
Abutment Holder,
Long

AUTOMATIC FLOSS DISPENSER

A welcomed addition to almost any restroom, this high-capacity floss holder automatically dispenses over 1,500 pieces of waxed dental floss. Simply press the handle and out comes the floss.

- Floss pre-cut to 13-inch lengths
- Operating instructions are shown on the dispenser
- The dispenser measures 9.1 inches tall x 6.7 inches wide x 2.8 inches deep
- It quickly mounts to the wall with adhesive tape or two mounting screws (included)



FL510 Floss Dispenser

FL520 Floss Dispenser + 10 Packs Floss Refill

FL521 10 Pack Floss Refill

FL522 Individual Floss Refill

INSTRUMENT CLEANING & STERILIZATION

INSTRUMENT CLEANING

All instruments need to be cleaned and dried prior to being sterilized. If not done immediately after rinsing, instruments should be submerged in a solution of water and neutral PH(7) detergent. For micro and delicate instruments, use manual cleaning.

ULTRASONIC CLEANING

- Instruments should be processed in a cleaner for the full recommended cycle time- usually 5 to 10 minutes.
- Place instruments in open position into the ultrasonic cleaner. Make sure that “Sharp” (scissors, knives osteotomes, etc.) blades do not touch other instruments.
- All Instruments have to be fully submerged.
- Do not place dissimilar metals (stainless, copper, chrome plated, etc.) in the same cleaning cycle.
- Change solution frequently – at least as often as manufacturer recommends.
- Rinse instruments after ultrasonic cleaning with water to remove ultrasonic cleaning solution.

AUTOMATIC WASHER STERILIZERS

- Follow manufacturers’ recommendations but make sure instruments are lubricated after last rinse cycle and before sterilization cycle.

MANUAL CLEANING

- Most instrument manufacturers recommend ultrasonic cleaning as the best and most effective way to clean surgical instruments, particularly those with hinges, locks and other moving parts. If ultrasonic cleaning is not available observe the following steps.
 - Use stiff plastic cleaning brushes (nylon, etc.)
 - Do not use steel wool or wire brushes except specially recommended stainless steel wire brushes for instruments such as bone files, or on stained areas in knurled handles.
 - Use only neutral PH(7) detergents because if not rinsed off properly low PH detergents will cause breakdown of stainless protective surface and black staining. High PH detergent will cause surface deposit of brown stain, which will also interfere with smooth operation of the instruments.
 - Brush delicate instruments carefully and, if possible, handle them totally separate from general instruments.
 - Make sure all instrument surfaces are visibly clean and free from stains and tissue.
 - After scrubbing, rinse instruments thoroughly under running water. While rinsing, open and close hinged instruments to make sure the hinge areas are thoroughly rinsed out.

STERILIZATION METHODS

AUTOCLAVING - DRY HEAT OVEN

- Lubricate all instruments which have any “metal to metal” action such as scissors, hemostats, needle holders, self-retaining retractors, etc.
- Recommend surgical lubricants such as instrument milk are best. Do not use WD-40, oil or other industrial lubricants.
- Disposable paper or plastic pouches are ideal. Make sure you use a wide enough pouch (4” or wider) for instruments with ratchet locks such as needle holders and hemostats so the instrument can be sterilized in an open (unlocked) position.
- Standard Conditions – 60-120 min at 320°F/160°C (15psi)

AUTOCLAVING INSTRUMENT SETS

- Unlock all instruments and sterilize them in an open position. Place heavy instruments on bottom of set (when two layers are required).
- Never lock an instrument during autoclaving. It will not be sterile as steam cannot reach the metal to metal surfaces. The instrument will develop cracks in hinge areas because of heat expansion during the autoclave cycle.
- Do not overload the autoclave chamber as pockets may form that do not permit steam penetration.
- Place towel on bottom of pan to absorb excess moisture during autoclaving. This will reduce the chances of getting “Well Packs”. Make sure the towels used in sterilization of instruments have no detergent residue and are neutral – PH(7) if immersed in water. This can be a real problem as laundries frequently use inexpensive but high PH (9-13) detergents and do not properly rinse out or neutralize those detergents in the final wash/rinse cycle. Sometimes bleaches such as Clorox are added and are not neutralized.
- CAUTION- At the end of the autoclave cycle-before the drying cycle-unlock autoclave door and open it more than a crack (about 3/4”). Then run dry cycle for the manufacturer. If the autoclave door is opened fully before the drying cycle, cold room air will rush into the chamber, causing condensation on the instruments. This will result in water stains on instruments and also cause wet packs.

UNSATURATED CHEMICAL VAPOR

- Time efficient, non corrosive, items dry quickly after cycle
- Do not use closed containers
- Dry instruments or dip in special solution
- Provide adequate ventilation
- Standard Conditions - 20 min at 270°F/132°C (20-40psi)

STEAM AUTOCLAVE

- Time efficient with good penetration
- Do not use closed containers
- Use of hard water may leave deposits
- Must dry instruments
- Standard Conditions – 20+ minutes at 250°F/121°C (15psi)

BITE BLOCK STERILIZATION

- Silicone bite blocks may be sterilized by cold sterilization, steam autoclave, chemiclave or “dry heat” up to 50°F/260°C

ORDERING

- Customer Service Support available Mon- Fri 8:30am – 5pm EST 1-877-ATITAN1 | Local/Intl : 1-716-667-9211
- 24 hour fax available 716-667-9212
- Email orders@atitan.com or info@atitan.com
- School/Institution pricing available.
- All online orders are forwarded onto the desired dealer per the request of the customer.

REDEMPTIONS

- To receive free goods in association with a current promotion please fax or email a copy of the dealer invoice to 716-667-9212 or orders@atitan.com
- Include customer's name and address if not indicated on invoice, and the list of free goods for redemption.
- Promotional good take 6-8 weeks for processing delivery.

REPAIRS

- Sharpening and repair service is available for all items, please call customer service for pricing
- 2-3 week turnaround.
- Customer incurs shipping cost.
- To start a repair, visit the support section of our website to fill out a form and download a shipping label.

RETURNS

- Instrumentation purchased from A. Titan Instruments can be returned for exchange/credit towards a future purchase order.
- All returns from customers must be in original packaging, unused, and have not been put through the ultrasonic or autoclave. The instruments will be inspected upon return and based on inspection it will be A. Titan's option to allow the return credited in full or denied. Customer incurs shipping cost(s). **All returns are subject to a 15% restocking fee based on received condition of said instrumentation.**
- No cash refunds. No returns on custom orders.
- To start a return, visit the support section of our website to fill out a form and download a return label.

WARRANTIES



- Approved products that are deemed defective will be repaired or replaced.
- Warranty doesn't apply to normal wear and tear and for use of instruments beyond their purpose or limitations.
- All Tungsten Carbide needle holders are guaranteed for the first 3 years of normal usage.
- Any modifications or alterations made to instruments other than by A. Titan will render the warranty null and void.
- All warranty claims must be made directly with A. Titan not the distributor.
- Warranty doesn't include shipping and handling. Customer incurs all shipping costs.
- Periotome and scaler tips aren't covered under warranty, but can be replaced for a nominal fee.
- Right Angled Driver 1 year warranty internal parts and 3 month warranty on manual latch head.
- Instruments that show wear and tear from normal use are not considered to be defective and are not covered by the warranty.
- Sharpening and repairing minor tip damage are considered routine maintenance and are not covered by warranty.
- Modifying and retipping an instrument or failure to provide proper instrument care, including proper cleaning and maintenance, may void this warranty.



Abutment Holders.....	90
Analog Holder.....	88
Algisorb.....	82
Aspirating Syringes.....	62
Bite Blocks.....	31
Bone Basin.....	47
Bone Collector.....	76
Bone Collector - Disposable.....	76
Bone Curettes.....	33-34
Bone Files.....	29
Bone Funnels.....	48
Bone Grafting Material.....	83
Bone Rongeurs.....	34-35
Burnishers.....	66
Calipers.....	74
Capsule Delivery Instruments.....	81
Carvers.....	63
Composite Instruments - Titanium Nitride.....	64
Composite Instruments.....	65
Cotton Pliers - Locking.....	63
Cotton Pliers - Non Locking.....	63
Crown Remover - Temporary.....	67, 89
Crown Removers.....	67
Crown Distender.....	67
Disposable Bone Scraper.....	76
Disposable Exam Instruments.....	62
Easy X-Tractor.....	28
Easy X-Trac Drills.....	28
Easy X-Trac Ratchet.....	28
Easy X-Trac Screws.....	28
Easy X-Trac Protector Plate.....	28
Easy X-Trac Burr Blocks.....	28
Easy X-Trac Cassette.....	28
Easy X-Trac System.....	27-28
Elevators - Root.....	20-21
Elevators - Bone Preservation.....	19
Elevators - Cryer/Seldin.....	24
Elevators - D-Lux.....	18
Elevators - Molar.....	22-23
Excavators.....	66
Explorers.....	60
Explorer-Probes.....	61
Extraction Forceps - Apical Retention.....	10-11
Extraction Forceps - Diamond Coated.....	12
Extraction Forceps - Kit.....	7
Extraction Forceps - Pedodontic.....	14-15
Extraction Forceps - Standard.....	13
Extraction Forceps - X-Trac.....	3-6
Extraction Forceps - + Series.....	8-9
Floss Dispenser.....	90
Gingival Knives.....	30
Graft Packers.....	80
Hemostats.....	36
Implant Drivers.....	48
Implant Drivers - Restorative.....	85, 87
Implant Driver Bits.....	85
Implatemp Cement.....	89
Instrument Tip Information.....	51
Mallet.....	46
Micro Forceps.....	68
Mirror Handles.....	65
Mirror Heads.....	65
Mouth Props.....	31
Needle Holders.....	37-38
Needle Holders - Castro Viejo.....	39-40
Osseous Collector.....	76
Osseous Glider.....	76
Osseous Scrapers.....	76
Osteotomes.....	45-46, 80
Periosteal Elevators.....	26
Periotomes.....	17, 73
Placement Instrument.....	81
Pluggers.....	65
Probes.....	61
Radiographic Markers.....	74
Retractors.....	31
Ridge Splitting Chisels.....	75
Root Tip Picks.....	25
Scalers & Curettes.....	52-59
Scalpel Blades & Handles.....	29
Scissors.....	40-43
Sharpening Stone.....	59
Sinus Lift Instruments.....	44, 78-79
Sinus Lift Balloon.....	77
Spreaders.....	68
Sterilization Cassettes.....	59, 88
Surgical Curettes.....	56
Sutures - Absorbable.....	70
Sutures - Chromic Gut.....	70
Sutures - Non Absorbable.....	70
Sutures - PGA.....	70
Sutures - PGA Fast Absorbing.....	70
Sutures - PGA Violet.....	70
Sutures - Plain Gut.....	70
Sutures - Polypropylene.....	70
Sutures - Silk.....	70
Tissue Forceps.....	32
Tissue Punches.....	49
Titanium Explorers & Probes.....	50
Titanium Implant Scalers & Curettes.....	50
Torque Wrenches.....	84, 86
Trephines.....	47
Tunneling Instruments.....	49
Ultrasonic Cleaner.....	68
Vibraject.....	75
X-Otomes.....	16



PERFORMANCE IS EVERYTHING

Follow us on  

716-667-9211 • 1-877-284-8261 • ISO 13485:2016 • www.aifan.com