



**S.K. Surgicals**



**Surgery Instruments**

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# PREFACE

IT'S A MOMENT OF GREAT PLEASURE FOR US TO PRESENT THE 2017 EDITION OF CATALOGUE FOR ORAL MAXILLOFACIAL & PLASTIC SURGERY INSTRUMENTS.

THIS CATALOGUE PRESENTS AN EXTENSIVE AND MOST COMPREHENSIVE RANGE OF INSTRUMENTS REQUIRED IN OMS & PLASTIC SURGERY. WE HAVE BEEN STRIVING HARD FOR ALMOST 20 YEARS TO ACHIEVE EXCELLENCE IN MANUFACTURING QUALITY INSTRUMENTS FOR ORAL MAXILLOFACIAL & PLASTIC SURGERY. WE HAVE ALWAYS MADE IT POSSIBLE WITH THE KIND CO-OPERATION OF OUR VALUED CUSTOMERS AND SKILLED TECHNICIANS OF OUR PRODUCTION HOUSE.

ALL OUR INSTRUMENTS ARE MANUFACTURED UNDER STRICT COMPLIANCE OF ISO 13485:2003, 9001:2015, CE PRODUCT CERTIFICATES. THE MATERIALS USED FOR THE INSTRUMENTS ARE AS PER THE BEST STANDARDS LAID DOWN BY THE INDUSTRY. WE HAVE SPECIALIZED IN MAKING HIGH TEMPERED, CORROSION RESISTANT & ELEGANT FINISHED INSTRUMENTS TO GIVE PERFECT WORKING FITNESS. WE TAKE UTMOST CARE TO COUNT EVERY LITTLE DETAIL WHILE DESIGNING THE INSTRUMENTS. EACH OF OUR INSTRUMENTS STANDS BEST IN THE INDUSTRY.

WE ASSURE YOU FOR TRUE TO MODEL ACCURACY, DURABILITY, AND EFFICIENT SERVICES BECAUSE WE BELIEVE THAT THE QUALITY OF INSTRUMENTS MAKES THE PERFECT CORE OF SURGERY.



**S. K. Surgicals**

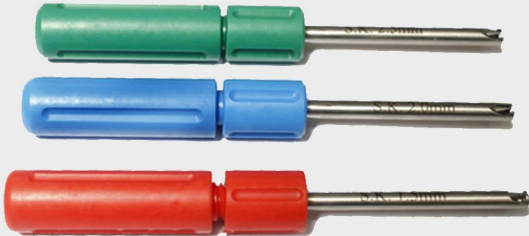
**2017 Edition**

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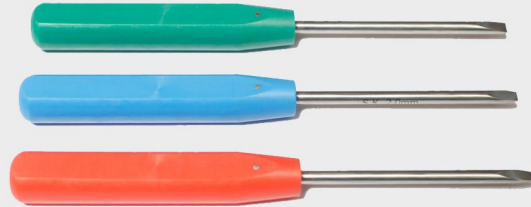
## Basic Bone Plating Instrument

Self Holding Screw Driver Set  
(Single Slotted Screws)



Product code : 352.150 to 352.250  
Size : 1.5 to 2.5

Ordinary Screw Driver Set  
(Single Slotted Screws)



Product code : 353.150 to 353.250  
Size : 1.5 to 2.5

Plan Screw Driver With Fiber Handle



Product code : 351.150 to 351.250  
Size : 1.5 to 2.5

Self Holding Screw Driver With Fiber Handle



Product code : 350.150 to 350.250  
Size : 1.5 to 2.5

Cross Driver Single Handle Set



Product code : 354.150 to 354.250  
Size : 1.5 to 2.5

Cross Driver With Cupling Handle



Product code : 355.150 to 355.250  
Size : 1.5 to 2.5

Screws Holding Forceps



Product code : 357.150 to 357.250  
Size :

Bone Holding Forceps (Mandible)



Product code : 359.150 to 359.250  
Size :

## Basic Bone Plating Instrument

Modelling Lever - 3 Pin



Product code : 352.001  
Size : -

Plier



Product code : 351.001  
Size : -

Wire Cutter - Small



Product code : 356.001  
Size : -

Wire Twister



Product code : 355.006  
Size : 6"

Bone Elevator - Hohman type



Product code : 250.006 to 250.008  
Size : 6 to 8 MM

Depth Gauge



Product code : 253.001  
Size : 1.5 to 2.5

Transbuccal Device With Trocar & Cheek Retractor



Product code : 514.001  
Size : -

## Bone Awls & Hooks

Zygomatic Bone Awl



Product Code : 296.001  
Size : -

Kelsey Fry Bone Awl - Ring Handle  
(Stright - Curved)



Product Code : 291.001  
Size : S / C

Kelsey Fry Bone Awl - Fiber handle



Product Code : 291.001  
Size : -

Poswillo Malar Hook



Product Code : 298.001  
Size : -

Mandibular Awl Set Of 5



Product Code : 297.050  
Size : -

Kilner Skin Hook



Product Code : 293.001  
Size : -

Fine Double Skin Hook



Product Code : 290.001  
Size : -

Stacey Zygomatic Bone Hook



Product Code : 296.001  
Size : -

## Bone Cutters and Nibblers



Bone Nibbler - Double Action

Product Code - 301.055 to 301.090  
Size - 5.5", 7.5", 9.0"



Ramus Stripper

Product Code - 326.001



Bone Cutting Forceps - Double Ended

Product Code - 306.055 to 306.90  
Size - 5.5", 7.5", 9.0"

## Mouth Gags



Heister Jaw Opener

Product Code - 305.001



Ferguson Mouth Gag

Product Code - 304.001



Doyen Mouth Gag

Product Code - 303.001  
Size - Adult / Paediatric



Dingman Mouth gag  
with 3 Blades

Product Code - 302.001  
Size - Adult / Paediatric

## Bone Holding Forceps



Rowe Maxillary Disimpaction Forceps (R-L)

Product code - 282.001  
Size -



Hyton William Forceps - Forward, Downward

Product code - 281.001  
Size -



Asch Nasal Septum Forceps - Stright

Product code - 280.001  
Size - Small, Big



Asch Nasal Septum Forceps - Curved

Product code - 280.002  
Size - Small, Big



Walsham Nasal Septum Forceps (R-L)

Product code - 283.001  
Size - Right - Left



Bone Holding Forceps (Mandible)

Product code - 259.001  
Size - -



Bone Holding Forceps

Product code - 284.001  
Size -



Bone & Plate Holding Forceps  
Gurded Point (R-L)

Product code - 284.002  
Size -



Mandibular Bone Graft Holder

Product code - 286.001  
Size -



## Cleft LIP Palate Instruments



Cleft Palate Raspatory - French Pattern

Product Code - 317.001  
Size - Right-Left



Cleft Palate Raspatory - Barsky Type  
Double Ended

Product Code - 316.001  
Size -



Cleft Palate Raspatory Barsky Type

Product Code - 315.001  
Size - Right-Left



McIndoe Cleft Palate Raspatory

Product Code - 313.001 to 313.003  
Size - Small, Medium, Big



Barsky Pharyngeal Flap Elevator  
Double Ended

Product Code - 318.001  
Size -



Mitchell Trimmer

Product Code - 311.001  
Size -



Cronin Cleft Palate Elevator

Product Code - 314.001 to 314.003  
Size - Small, Medium, Big



Palate Dissector (R-L)

Product Code - 310.001  
Size - Right-Left



Miller Bone File

Product Code - 312.001  
Size - Stright, Curved



Skin Hook - Curved

Product Code : 295.001  
Size : -

## Elevators



Apexo Elevator (R-L)

Product Code - 260.001  
Size - Right - Left



Warwick James Elevator

Product Code - 277.003  
Size - Stright,Right,Left



Periosteal Elevator - Fiber Handle

Product Code - 271.004  
Size -



Cryer Elevator - Hollow Handle

Product Code - 264.001  
Size - Right - Left



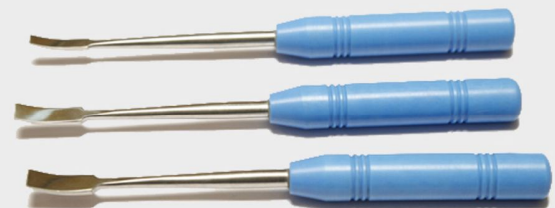
Warwick James (ward) Elevator - Fiber Handle

Product Code - 276.001  
Size -



Bristow Elevator

Product Code - 261.001  
Size -



Periosteal Elevator - Set of 3

Product Code - 271.003  
Size -



Cryer X Bar Elevator 'T' Handle (R-L)

Product Code - 265.001  
Size - Right - Left

## Elevators



Rowe Zygomatic Elevator

Product Code - 273.008, 273.012  
Size - 8MM, 12MM



Kilner Zygomatic Elevator

Product Code - 269.001  
Size -



Farabeuf Rugine Periosteal Elevator

Product Code - 267.001  
Size -



Howarth Elevator

Product Code - 268.001, 268.002  
Size - Small, Big



Farabeuf Rugine Periosteal Elevator - Double Ended

Product Code - 267.002  
Size -



Periosteal Elevator

Product Code - 270.001  
Size -



Septum Elevator

Product Code - 274.001  
Size -



Coupland Elevator

Product Code - 262.001 to 262.003  
Size - No.1, No.2, No.3



Root Tip Elevator

Product Code - 272.001  
Size -



Spoon Shape Elevator

Product Code - 275.001  
Size -

## Curettes



Volkman Bone Scoop - Double Ended

Product Code : 329.001  
Size : -



Bone Scoop Angled - Double Ended

Product Code : 328.001  
Size : -



Lucas Curettes

Product Code : 327.001  
Size : -



Bone Scoop Angled - Fiber Handle (R/L)

Product Code : 329.001  
Size : R / L

## OSTEOTOMES - CHISELS & GOUGES



Fine Osteotomes - Straight

Product Code : 322.001S to 322.012S  
Size : 2, 3, 4, 5, 6, 8, 10, 12mm



Fine Osteotomes - Curved

Product Code : 322.001C to 322.012C  
Size : 2, 3, 4, 5, 6, 8, 10, 12mm



Fine Chisels

Product Code : 320.002 to 320.010  
Size : 2, 3, 4, 5, 6, 8, 10mm



Nasal Septum Osteotomes with Gurd 'U' Shape

Product Code : 323.001  
Size : -



Tessier Osteotomes - Curved

Product Code : 325.005C to 325.020C  
Size : 5, 10, 15, 20mm



Tessier Osteotomes - Straight

Product Code : 325.005S to 325.020S  
Size : 5, 10, 15, 20mm

## Osteotomes - Chisels & Gouges



Pterigoidous Chisel

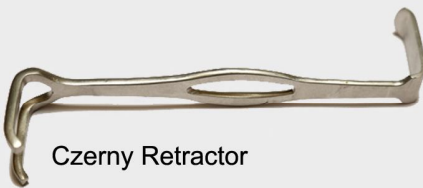
Product Code : 321.006 to 321.012  
Size : 6, 8, 10, 12mm



Nasal Chisel With Guard (Right/Left)

Product Code : 324.004 to 324.008  
Size : 4, 5, 6, 8mm

## RETRACTORS



Czerny Retractor

Product Code : 607.001  
Size : Single/Double ended



Rayne Mandibular Retractor

Product Code : 628.020 to 628.030  
Size : -



Davis Double Ended Retractor

Product Code : 625.001  
Size : -



Chin Retractor

Product Code : 603.001  
Size : -



Channel Retractor Regular

Product Code : 604.001  
Size : -



Kilner Retractor - 'C' Shape

Product Code : 627.001  
Size : Small, Medium, Big



Aufricht Nasal & Double Hook Retractor

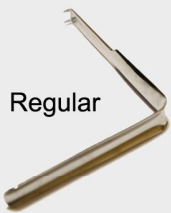
Product Code : 613.001  
Size : -



Austin Tissue Retractor - Long handle

Product Code : 601.001  
Size : -

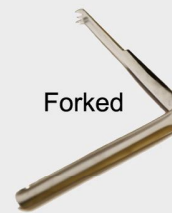
## Retractors



Regular



Half Moon



Forked

Austin Tissue Retractor

Product code : 621.001R, 621.002M, 621.003L  
Size : -



Self Retaining Skin Retractors - Alm's

Product Code : 618.001  
Size : -



Malleable Retractors - SS/Coper

Product Code : 623.001, 623.002  
Size : 8", 10", 12"



6x12



12x30



15x50

Right Angle Retractor (Lengen back)

Product code : 610.006 to 610.015  
Size : 6x12, 12x30, 15x50



Condyle Retractor - Single Ended / Double Ended

Product Code : 606.001 to 602.002  
Size : -



Condyle Neck Retractor - R/L

Product Code : 622.001  
Size : -



Volkman Retractor

Product Code : 616.001  
Size : -



Kilner Alae Retractor

Product Code : 626.001  
Size : -

## Retractors



**Self Retraining Mastoid Retractor**

Product Code : 615.001 to 600.001  
Size : 4", 5", 6"



**Minnesota Retractor**

Product Code : 614.001  
Size : -



**Rowe Orbital Floor Retractor**

Product Code : 609.001  
Size : In Pair



**Forked Ramus Retractors**

Product Code : 630.001  
Size :



**Catspoo Retractor**

Product Code : 619.001, 619.002  
Size : Small / Big



**Superior Ramus Retractor**

Product Code : 629.001  
Size : -



**Dever Retractor**

Product Code : 619.002  
Size : Big



**Soft Tissue Retractor - Reverse Lengen back**

Product Code : 631.001  
Size : -



**Desmares Retractor**

Product Code : 602.001 to 602.003  
Size : Small, Medium, Big



**Farabeuf Retractor**

Product Code : 608.001  
Size : -

## Retractors



Intraoral Retractor - 3rd molar

Product Code : 624.001  
Size : -



Mandibular Rim Retractor

Product Code : 620.001  
Size : -

## General Instruments



Irish Scissor

Product Code : 415.035, 415.045  
Size : 3.5", 4.5"



Mayo scissor

Product Code : 417.065, 417.075  
Size : 6.5", 7.5"  
Available in Stright and Curved



'Heath' Stitch Cutting Scissor

Product Code : 414.001  
Size : -



Tenotomy Scissor

Product Code : 426.001  
Size : 4"  
Available in Stright and Curved



Micro Scissor

Product Code : 418.001  
Size : 6"  
Available in Stright and Curved



Kilner Dissecting Scissor

Product Code : 416.001  
Size : -



Needle Holder Scissor

Product Code : 420.006, 420.008  
Size : 6", 8"



Mosquotio Artery Forceps

Product Code : 419.004, 419.005  
Size : 4", 5"  
Available in Stright and Curved



## General Instruments



Crile Artery Forceps - Straight

Product Code : 413.006S  
Size : 6"



Crile Artery Forceps - Curved

Product Code : 413.006C  
Size : 6"



Allis Tissue Holding Forceps

Product Code : 411.004 to 411.008  
Size : 4", 6", 8"



Towel Clip X Bar

Product Code : 427.001  
Size : -



Towel Clip

Product Code : 428.005 to 428.006  
Size : 5", 6"



Adson Forceps - Non Tooth

Product Code : 412.005N to 412.007N  
Size : 5", 6", 7"



Adson Forceps - Tooth

Product Code : 412.005T to 412.007T  
Size : 5", 6", 7"



B.P. Handle - Flat Handle

Product Code : 410.003F to 410.004F  
Size : No.3, No.4



B.P. Handle - Straight (Round Handle)

Product Code : 410.003S  
Size : -



B.P. Handle - Curved (Round Handle)

Product Code : 410.003C  
Size : -

**General Instruments**



**Babcock Tissue Forceps**

Product Code : 429.006 to 429.008  
Size : 6", 8"



**Sponge Holding**

Product Code : 430.006 to 430.010  
Size : 6", 8", 10"



**TC - Fine Irish Type Scissor**

Product Code : 421.001C, 421.001S  
Size : Curved/Stright



**TC - Metzenbum Scissor - Stright**

Product Code : 422.001S  
Size : -



**TC - Metzenbum Scissor - Curved**

Product Code : 422.001C  
Size : -



**TC Scissor**

Product Code : 425.001  
Size : -



**TC - Mayo Scissor**

Product Code : 425.001C, 425.001S  
Size : Curved/Stright



**TC - Tenotomy**

Product Code : 426.001  
Size : -



**TC - Bozemann Angular Needle Holder**

Product Code : 424.001  
Size : -



**TC - Needle Holder**

Product Code : 423.001  
Size : 6", 8"

## Other Instruments



Calipers Castroviejo - Stright

Product Code : 502.020S to 502.040S  
Size : 20mm, 40mm



Calipers Castroviejo - Curved

Product Code : 502.020C to 502.040C  
Size : 20mm, 40mm



Round

Product Code : 507.001  
Size : -

Catilage Crusher



Rectangular

Product Code : 507.002  
Size : -



Product Code : 507.003  
Size : -



Arch Bar Cutter

Product Code : 503.001  
Size : -



Arch Bar

Product Code : 504..01  
Size : 1 Feet



Mini Plate Container

Product Code : 509.001  
Size : 2.25" long



Mini Screw Container

Product Code : 508.001  
Size : 1.25" long



Product Code : 513.024  
Size : 24 Gauge

SS Wire Reels



Product Code : 513.028  
Size : 28 Gauge



Product Code : 513.026  
Size : 26 Gauge

## Other Instruments



Nylon Faced Hammer

Product code : 510.002  
Size : -



SS Filcking Dental Hammer

Product code : 510.001  
Size : -



Suction Cannula - Mastoid

Product code : 512.001 to 512.006  
Size : 1, 2, 3, 4, 5, 6No.



Suction Tip

Product code : 511.001  
Size : -



Austin Tissue Retractor With Suction Tip

Product code : 501.001  
Size : -



Tongue Depressor

Product code : 515.001  
Size : 1, 2, 3No.



Plastic Cheek Retractor

Product code : 518.001, 518.002  
Size : Small, Big



Mouth Props

Product Code : 519.001, 519.002  
Set of 3 and set of 4

## Other Instruments



SS Box 9"

Product Code : 520.001  
Size : 9"x5"x2"



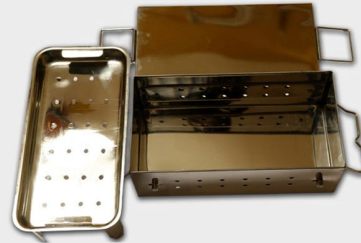
Mini Bone Plate & Screws Box

Product Code : 521.001  
Size :



Aluminum Box

Product Code : 518.001  
Size : 8"x5"x3"



SS Box with Tray

Product code : 519.001  
Size : 12"x5"x4"



SS Drum

Product Code : 522.001  
Size : 8", 9", 10", 12"



Plate Cutter

Product Code : 523.001  
Size : -

**TRAUMA KIT**



Product Code : SK10001

Self Holding Screw Driver	
1.5, 2, 2.5mm - 1 each .....	03 Nos
Ordinary Screw Driver	
1.5, 2, 2.5mm - 1 each .....	03 Nos
Screw / Plate Holding Forceps.....	02 No
Bone Elevator 6, 8mm - 1 each.....	02 No
Bone Holding Forceps .....	01 No
Piler.....	01 No
Modelling Lever.....	01 No
Wire Cutter - Small.....	01 No
Wire Twisting Forceps.....	01 No
Needle Hodler.....	01 No
SS Box With Try .....	01 No

**IMPACTION KIT**



Product Code : SK10002

B. P. Handle No. 3.....	01 No
Howarth Elevator.....	01 No
Cryer Elevator - Right & Left in Pair.....	01 No
Molt Elevator.....	01 No
Austin Tissue Retractor - Regular.....	01 No
Coupland Elevator.....	01 No
Warwick James Elevator Straight.....	01 No
Root Tip Elevator.....	01 No
Lucas Currettes D / E.....	01 No
Mouth Props Set of 3.....	01 No
Needle Holder 6".....	01 No
Scissors - Suture Cutting.....	01 No
Miller Bone File.....	01 No
Suction Cannula -Mastoid No. 3.....	01 No
Fine Osteotomes Straight 4 mm.....	01 No
Dissectiong Forceps - Adson-5" Tooth.....	01 No
SS General Box .....	01 No

**INSTRUMENT SET FOR  
ORTHOGNATHIC / MAXILLOFACIAL SURGERY**



Product Code : SK10003

Rowe Maxilla Disimpaction Forceps - Right & Left.....	01Pair
Hayton William Forceps - Forward Traction.....	01No
Reduction Bone Holding Forceps Pointed 6".....	01No
Double Hook Skin Retractor.....	01No
Rayne Mandibular Retractor.....	01No
Chin Retractor.....	01No
Forked Ramus Retractor.....	01No
Channel Retractor - Regular 12mm.....	01No
Kilner Retractor D/E "C" Shape - Big.....	01No
Austin Tissue Retractor - Regular.....	01No
Right Angle Retractor Small 6 x 20 mm.....	02Nos
Right Angle Retractor Medium 10 x 30 mm.....	02Nos
Right Angle Retractor Big 15 x 45 mm.....	02Nos
Condyle Retractor Double Ended.....	01No
Self Retaining Mastoid Retractor 6".....	01No
Rowe Orbital Floor Retractor - Right & Left.....	01Pair
Superior Ramus Separater (Smith).....	01No
Soft Tissue Retractor - Reverse Lengenback.....	01No
Bristow Elevator.....	01No
Periosteal Elevator Fibre Handle 2 Shapes.....	02Nos
Rowe Zygomatic Elevator 12mm.....	01No
Warwick James Elevator - Right & Left.....	01Pair
SS General Box.....	01 No

**INSTRUMENT SET FOR  
CLEFT LIP & PALATE**



Product Code : SK10004

Dingman Mouth Gag with 3 Blades Adults.....	01Set
Cleft Palate Raspatory - French Pattern Right & Left.....	01Pair
Cleft Palate Raspatory - Barsky Type Double Eneded.....	01No
McIndoe Cleft Palate Raspatory - Medium.....	01No
Mitchell Trimmer.....	01No
Cleft Palate Knife Triangular.....	01No
Cleft Palate Hook Right Angle & Down Bent.....	02Nos
Cronin Cleft Palate Elevator Medium Right.....	01No
Palate Dissector - Right & Left.....	01Pair
Spoon Shape Elevator - Double Ended.....	01No
Miller Bone File - Curved.....	01No
Elevator Double Ended - Angled Side & Flat.....	01No
Howarth Elevator.....	01No
Kilner Skin Retractor.....	01No
SS General Box.....	01 No

**INSTRUMENT SET FOR  
RHINOPLASTY**



Product Code : SK10005

Gillies Skin Hook Flat Handle.....	01 No
Gillies Skin Hook Round Handle.....	01 No
Kilner Skin Hook.....	01 No
Double Hook Skin Retractor.....	01 No
Cottle Elevator Graduated.....	01 No
Farabeuf Rugine Curved.....	01 No
Septum Elevator.....	01 No
Aufricht Nasal Retractor - Solid.....	01 No
Kilner Alae Retractor.....	01 No
Davis Double Ended Retractor.....	01 No
Fine Chisels 2, 4mm.....	02 Nos
Nasal Septum Osteotomes With Guard 'U' Shape.....	01 No
Cottle Osteotome (Halfmoon).....	01 No
Fine Osteotome 4, 6mm.....	02 Nos
Nasal Chisel With Guard 4mm - Right & Left.....	01 Pair
Fine Gouge 3mm.....	01 No
Hajeck Septum Elevator.....	01 No
Bone File Double Ended.....	01 No
Asch Nasal Septum Forceps Big.....	01 No
Walsham Nasal Septum Forceps - Right & Left...	01 Pair
SS General Box .....	01 No

**INSTRUMENT SET FOR  
OSTEOTOMY & BONE GRAFTING**



Product Code : SK10006

Periosteal Elevator Fibre Handle ( No. 5 ).....	01 No
Bone Cutting Forceps Double Action Curved 5.5".....	01 No
Bone Nibbler Doble Action Curved 5.5".....	01 No
Tessier Osteotome St. 5, 10, 15 mm.....	03 Nos
Tessier Osteotome Cd. 10 mm.....	01 No
Fine Osteotomes St. 4, 6, 8 mm.....	03 Nos
Fine Osteotomes Cd. 6mm.....	01 No
Fine Chisels 6mm.....	01 No
Nylon Faced Hammer Medium.....	01 No
Calipers Castroviejo.....	01 No
Cartilage Crusher Rectangular Shape.....	01 No
Pterigoidous Chisel 10 mm.....	01 No
SS General Box .....	01 No



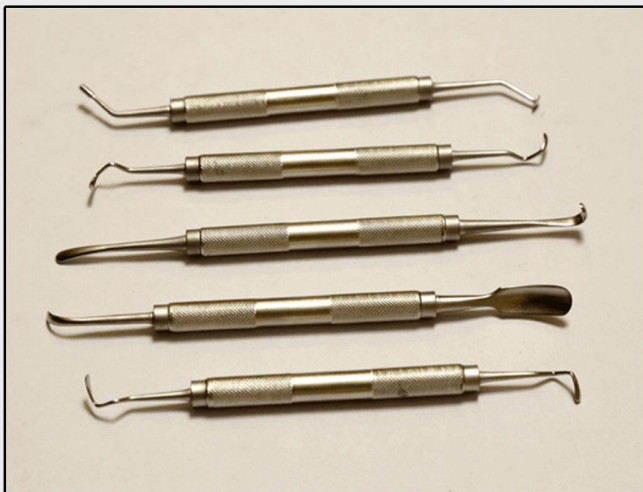
INSTRUMENT SET FOR WIRING



Product Code : SK10007

Zygomatic Bone Awl 6".....	01 No
Mandibular Awl Set of 5.....	01 No
Kelsey Fry Bone Awl Fibre Handle.....	01 No
Poswillo Malar Hook.....	01 No
Stacey Zygomatic Bone Hook.....	01 No
Wire Twisting Forceps.....	01 No
Wire Cutter Regular.....	01 No
Arch Bar Cutter.....	01 No
SS General Box.....	01 No

FINE INSTRUMENT FOR SINUS



Product Code : SK10008



CROSS DRIVE SET  
Product Code : SK10009

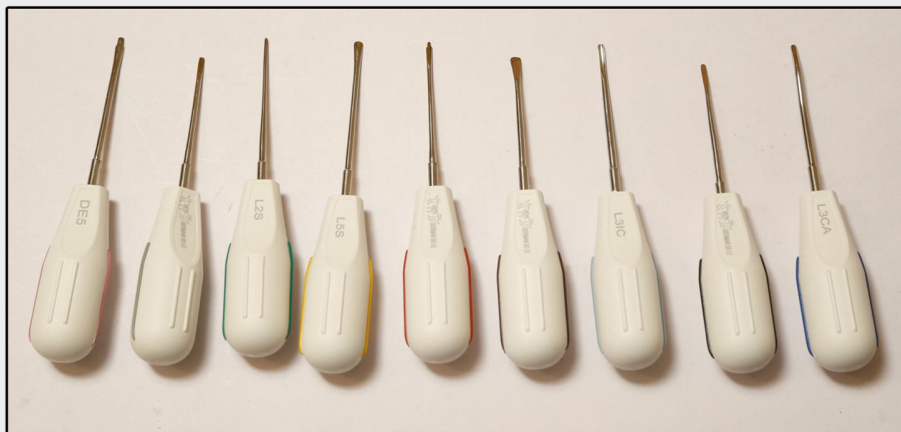
**Instrument Set**



**PEDO EXTRACTION FORCEPS SET**  
Set of 7  
Product code : SK10010



**EXTRACTION FORCEPS SET**  
Set of 12  
Product code : SK10011



**LUXATOR SET**  
Product code : SK10012

# INSTRUMENTS FOR USE & MAINTENANCE OF INSTRUMENTS

## STORAGE

Surgical instruments should be stored in sterilizing trays of proper size lined with soft silicone mats. Instruments should not touch each other. We recommend using protective tips made of soft silicone tubing of proper size and thickness. Do not use rubber or plastic protective tips, which can melt during autoclaving and cause damage to instruments.

## INTENDED USE

The instruments shall be used for its intended purpose only failing of which can lead to permanent damage or breakage of the instrument.

## INSPECTION

Handle the instruments with care and be sure to inspect every instrument at the end of your surgical day. Please conduct this inspection under a microscope or with magnification lens for fine instrument.

## CLEANING

**Manual Cleaning** – All the new instruments must be decontaminated, lubricated and sterilized prior to each use. Use a mild soap solution approved for surgical instruments with a soft brush or instrument wipe to clean instrument and remove stains. Never use abrasive powders or steel wool to remove stubborn stains- these can damage the super fine finish of an instrument and can actually help cause corrosion of stainless instruments. Use distilled and treated water to rinse thoroughly then carefully dry them with a hot air blower or lint free cloth.

**Ultrasonic Cleaning** – This is the best method of cleaning surgical instruments. Use only cleaning solutions approved for surgical instruments. Change the solution frequently, always use treated or distilled water. Heat water to 150° Fahrenheit ( 62°C) using an immersion heater, or in a separate stainless container, if your unit does not have an automatic built in water heater. Be sure that you and your staff members are completely familiar with the manufacturer's instructions, which came with your ultrasonic cleaner. Instruments should never touch each other in the ultrasonic cleaner. After removing instruments from the ultrasonic cleaner, rinse the instruments under running water first, and then rinse again in clean demineralized water. Instruments should never be air dried in room temperature because this will cause corrosion on stainless instruments especially in knurled and laser engraved areas. This is why it is highly recommend using a hot air blower to thoroughly dry the instruments. Do not use acidic or alkaline solutions for cleaning because it removes the instruments protective barrier of chromium oxide and can lead to corrosion, pitting or even breakage also.

## CAUTION

Keep the instruments out of touch of following solutions : Aqua Regia – Iodine – Ferric Chloride – Sulfuric Acid – Hydrochloride Acid.  
Any kind of corrosion will lead to rust on steel and rust particles can be transferred from one instruments to other.  
Therefore any corroding instrument should be removed from service to prevent the formation of rust to other instruments.

## LUBRICATION

It is recommend to lubricate all moving parts after such cleaning. Use only silicone or Teflon lubricants which can hold up under autoclaving. Never use ordinary lubricants or cover up even the slightest corrosion with the lubricant.

## STERILIZATION

Stainless Steel instruments can be sterilized via steam autoclaving, chemical disinfectants, ethylene oxide gas, or even dry hot air. Gas & dry chemical sterilization are the best methods for stainless steel instruments, but they take a lengthy time period to accomplish the desired result. The most practical method of sterilization is heat or steam, which require less time period to accomplish the desired result. The most practical method of sterilization is heat or steam, which require less time. However, when sterilizing your instruments. And, once again, be sure that you and your staff have read and fully understood the instructions supplied by the manufacturer of your particular sterilizer. It is advisable to sterilize the instruments in the open position or disassembled because steam will only sterilize the surface where it can touch directly.

Kindly follow above instruction to enjoy long service life of the instruments.

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