ISO | ISO | 13485:2012

# INSTRUMENTS INSTRUMENTS

# OSSE/OUS **Surgical Instruments**



# **Instruments for Middle Ear Implants**

# **Osseous Cutter**

Osseous cutter is used to trim the Osseous Surgical implants to optimal length in accordance with the patient's anatomical condition and surgical requirement. The following prostheses can be trimmed using this cutter:

- ♣ PORP (E1101, E1207)
- Stapes Piston (E1103, E4119, E9131, E9132, E5120, E8130, E1121)

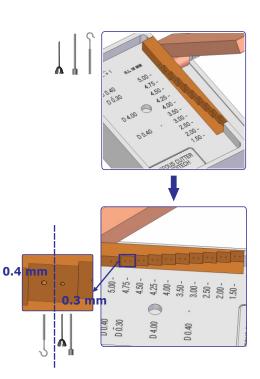


REF Number	Description	No. Of Piece/Package
EI01	OSSEOUS CUTTER	1 Piece

### INSTRUCTIONS FOR OSSEOUSS CUTTER

Osseous Cutter is having 3 parts:

- A) Cutting Block
- B) Lever
- C) Shortening Blade
- A) Cutting Block consists:
- (1) Station for Disk (For Partial Cup or Total Cup Assembly with Disk) (2) Station for Stapes Piston for easy handling.
- B) Lever is having sharp edge for cutting the Prostheses.
- C) Shortening Blade consists:
- (1) various length steps from 1.50mm to 5.00mm (Hole Length H.L.) (2) Two holes on each step (0.4) mm diameter for Stapes Piston & 0.3mm diameter for Partial Cup/Total.







### **CUTTING ACTION - Osseous Cutter**

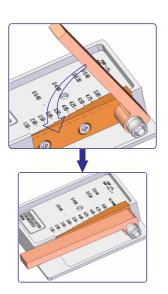
Partial Cup/Total Cup/Stapes Piston can be easily trimmed using OSSEOUS Cutter by just pressing the lever down as shown in figure 2.

### **# Cutting PORP**

The required length is exact the length of Hole (H.L.). Means if 3.5 mm length of Partial Cup required, Surgeons can easily insert Partial Cup into 3.5 mm Hole and cut excess length by just pressing down the lever. (Figure 3)

# **# Cutting TORP**

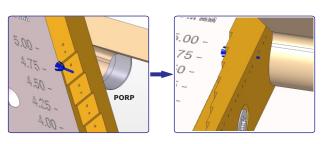
The required length is Hole Length (H.L.) + 1.00 mm. Means if 4.5 mm length of Total Cup required, Surgeons can easily insert Total Cup into 3.5 mm Hole and cut excess length by just pressing down the lever. So the length will be 3.5 mm + 1.0 mm i.e. 4.5 mm. (Figure 4)



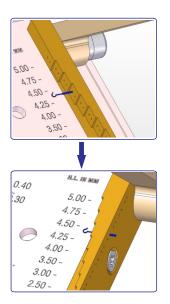
(Figure 2: Cutting action using lever)

# **+** Cutting Stapes Piston

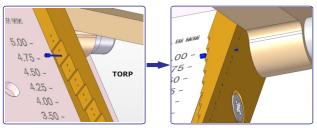
The required length is exact the length of Hole (H.L.). Means if 4.25 mm length of Piston required, Surgeons can easily insert Piston into 4.25 mm Hole and cut excess length by just pressing down the lever. (Figure 5)



(Figure 3: Inserting PORP & Excessive length comes out from shortening



(Figure 5: Inserting Piston & Excessive length comes out



TORP & Excessive length comes out from shortening

(Figure 4: Inserting

IMPORTANT NOTE: One or two drops of sterile NaCl 0.9% should be placed on the shaft of Partial Cup / Total Cup / Stapes Piston & nearby shortening blade, all stations.





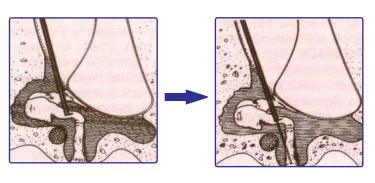
# **Instruments for Middle Ear Implants**

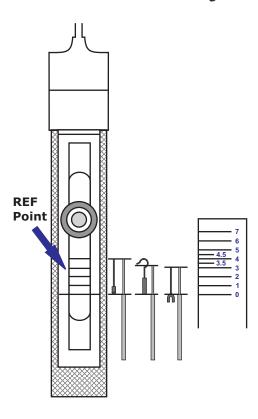
### **Osseous Sizer**

OSSEOUS Sizer is used to measure the distance between any two points of middle ear cavity which is to be connected using a prosthesis. For instance, In a Stapedioplasty surgery, the exact distance between the long process of the Incus and the footplate can be measured using the Osseous Sizer and accordingly the Osseous surgical implants can be trimmed using Osseous Cutter (REF: EI01).



OSSEOUS Sizer is equipped with a pointer for the precise measurement of prosthesis for middle ear reconstruction and tympanoplasty. In order to measure two point, hold the instrument like a pen and position the tab at end of the needle at the level of the first point. With your index finger push the button until the mandrel coming out of the needle reaches the second point. Distances are indicated in millimeters on the instrument's handle. This instrument is made completely of stainless steel which can be sterilized or autoclaved.





REF Number	Description	No. Of Piece/Package
EI02	OSSEOUS SIZER	1 Piece





# **Instruments for Middle Ear Implants**

# **Stapes Prosthesis Handling Forceps**

Use guide:

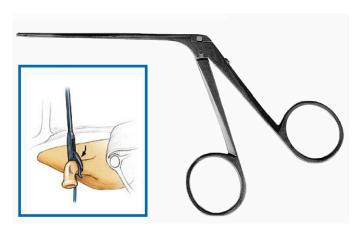
- # Catching of the hook of prosthesis
- The jaws of forceps have grooves for the hook of prosthesis
- The hook of prosthesis opens when it's forced in the grooves of the forceps
- An opened hook of prosthesis can be easily assembled to the incus
- Opening the forceps, the prosthesis' hook is delivered gathered

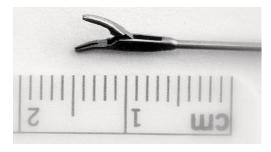


REF Number	Number Description	
EI03	Titanium-Stapes Prosthesis Handling Forceps	1 Piece
EI05	PTFE-Stapes Prosthesis Handling Forceps	1 Piece

### **Stapes Prosthesis Crimping Forceps**

**Material: Stainless Steel** 





REF Number	Description	No. Of Piece/Package
EI04	Stapes Prosthesis Crimping Forceps	1 Piece





# **Instrument for Nose**

# **Tilleys's Nasal Dressings Forceps**

This Nasal instrument has important functions for both OPD and operating room. It is also called the packaging forceps or dressings forceps.

Forceps are bent at an angle so the hand grasping the instrument doesn't obstruct the vision of the examiner.

The blades are long and thin so they can be easily inserted into the nasal cavities.

# **Design Benefits**

- # To perform anterior nasal packing.
- # To remove foreign bodies, crusts or packs for the nose.
- ♣ To pack the nose with gauze stripe during nasal surgeries or sinus surgeries.
- ♣ To remove cartilage and bone pieces during septoplasty or SMR.



REF Number Description		No. Of Piece/Package
EI06	Tilleys's Nasal Dressings Forceps	1 Piece

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# **INSTRUMENT**

# OSSE()US

**Instrument** 







# **Suction Tube for Ear Disposable**

**Suction tubes for Ear** are designed for suction of fluid and other media from the ear. The malleable shaft allows for additional bending. Fine suction devices for even the narrowest approaches.

# **Design Benefits:**

- # Very stable suction tube for retraction and suction.
- ♣ The curved angle is specially designed for microscopic examination and surgery.
- # Ideal for precise dissections.
- Quick connector Suction tip handle is easy to change during surgery.
- ♣ Disposable and Reusable Both type of ear suction tubes are available.
- # Disposable-Reduces unnecessary infection risks.



REF Number	Product Name	Specification	No. Of Piece/Package
EI032060	Disposable Suction Tube for Ear	Dia.2.0mmX60.0mm	20 pcs ETO Sterile
EI032070	Disposable Suction Tube for Ear	Dia.2.0mmX70.0mm	20 pcs ETO Sterile
EI032070	Disposable Suction Tube for Ear	Dia.2.0mmX80.0mm	20 pcs ETO Sterile
EI032070	Disposable Suction Tube for Ear	Dia.2.0mmX100.0mm	20 pcs ETO Sterile
EI032070	Disposable Suction Tube for Ear	Dia.1.6mmX100.0mm	20 pcs ETO Sterile
EI032070	Disposable Suction Tube for Ear	Dia.1.4mmX60mm	20 pcs ETO Sterile
EI032070	Disposable Suction Tube for Ear	Dia.1.4mmX70mm	20 pcs ETO Sterile
EI032070	Disposable Suction Tube for Ear	Dia.1.4mmX80mm	20 pcs ETO Sterile
EI032070	Disposable Suction Tube for Ear	Dia.1.4mmX100mm	16 pcs ETO Sterile

Material: SS and Polyethylene, Note: All Suction Tubes are also available in Non-sterile.





# **Suction Tube for Ear Disposable**

REF Number	Product Name	Specification	No. Of Piece/Package
EI031270	Disposable Suction Tube for Ear	Dia.1.2mmX70.0mm	20 pcs ETO Sterile
EI0312100	Disposable Suction Tube for Ear	Dia.1.2mmX100.0mm	20 pcs ETO Sterile
EI031060	Disposable Suction Tube for Ear	Dia.1.0mmX60.0mm	20 pcs ETO Sterile
EI031070	Disposable Suction Tube for Ear	Dia.1.0mmX70.0mm	20 pcs ETO Sterile
EI031080	Disposable Suction Tube for Ear	Dia.1.0mmX80.0mm	20 pcs ETO Sterile
EI0310100	Disposable Suction Tube for Ear	Dia.1.0mmX100.0mm	20 pcs ETO Sterile
EI030870	Disposable Suction Tube for Ear	Dia.0.8mmX70.0mm	20 pcs ETO Sterile
EI0308100	Disposable Suction Tube for Ear	Dia.0.8mmX100.0mm	20 pcs ETO Sterile
EI030760	Disposable Suction Tube for Ear	Dia.0.7mmX60.0mm	20 pcs ETO Sterile
EI030770	Disposable Suction Tube for Ear	Dia.0.7mmX70.0mm	20 pcs ETO Sterile
EI030780	Disposable Suction Tube for Ear	Dia.0.7mmX80.0mm	20 pcs ETO Sterile
EI0307100	Disposable Suction Tube for Ear	Dia.0.7mmX100.0mm	20 pcs ETO Sterile
EI030670	Disposable Suction Tube for Ear	Dia.0.6mmX70.0mm	20 pcs ETO Sterile
EI030460	Disposable Suction Tube for Ear	Dia.0.4mmX60.0mm	20 pcs ETO Sterile
EI030470	Disposable Suction Tube for Ear	Dia.0.4mmX70.0mm	20 pcs ETO Sterile
EI030480	Disposable Suction Tube for Ear	Dia.0.4mmX80.0mm	20 pcs ETO Sterile
EI030480	Suction Tube for Ear-D	isposable-Set	

Material: SS+Polyethylene, Note: All Suction Tubes are also available in Non-sterile.





# **Suction Tube for Ear Reusable**

REF Number	Product Name	Specification	No. Of Piece/Package
EI140460	Reusable Suction Tube for Ear	Dia.0.4mmX60.0mm	20 pcs ETO Sterile
EI140470	Reusable Suction Tube for Ear	Dia.0.4mmX70.0mm	20 pcs ETO Sterile
EI140480	Reusable Suction Tube for Ear	Dia.0.4mmX80.0mm	20 pcs ETO Sterile
EI140670	Reusable Suction Tube for Ear	Dia.0.6mmX70.0mm	20 pcs ETO Sterile
EI140770	Reusable Suction Tube for Ear	Dia.0.7mmX70.0mm	20 pcs ETO Sterile
EI140780	Reusable Suction Tube for Ear	Dia.0.7mmX80.0mm	20 pcs ETO Sterile
EI140870	Reusable Suction Tube for Ear	Dia.0.8mmX70.0mm	20 pcs ETO Sterile
EI141070	Reusable Suction Tube for Ear	Dia.1.0mmX70.0mm	20 pcs ETO Sterile
Ei141270	Reusable Suction Tube for Ear	Dia.1.2mmX70.0mm	20 pcs ETO Sterile
Ei1412100	Reusable Suction Tube for Ear	Dia.1.2mmX100.0mm	20 pcs ETO Sterile
EI141470	Reusable Suction Tube for Ear	Dia.1.4mmX70.0mm	20 pcs ETO Sterile
EI141480	Reusable Suction Tube for Ear	Dia.1.4mmX80.0mm	20 pcs ETO Sterile
EI141670	Reusable Suction Tube for Ear	Dia.1.6mmX70.0mm	20 pcs ETO Sterile
EI142070	Reusable Suction Tube for Ear	Dia.2.0mmX70.0mm	20 pcs ETO Sterile
EI1420100	Reusable Suction Tube for Ear	Dia.2.0mmX100.0mm	20 pcs ETO Sterile
EI142580	Reusable Suction Tube for Ear	Dia.2.5mmX80.0mm	20 pcs ETO Sterile
EI143080	Reusable Suction Tube for Ear	Dia.3.0mmX80.0mm	20 pcs ETO Sterile

Material: SS, Note: All Suction Tubes are also available in Non-sterile.





# **Suction Tube for Nose Disposable**

**Suction tubes for Nose** are used during Rhinology and evacuates liquid from nasal cavities.

# **Design Benefits:**

- # Very stable suction tube for retraction and suction.
- # The curved angle is specially designed for microscopic examination and surgery.
- # Ideal for precise dissections.
- Quick connector Suction tip Handle is easy to change during surgery.
- ⊕ Disposable and Reusable-Both type of nasal suction tubes are available.
- # Disposable-Reduces unnecessary infection risks.



REF Number	Product Name	Specification	No. Of Piece/Package
EI1220100	Suction Tube for Nose	Dia.2.0mmX100.0mm	10 Pcs, ETO Sterile
EI1220120	Suction Tube for Nose	Dia.2.0mmX120.0mm	10 Pcs, ETO Sterile
EI1220140	Suction Tube for Nose	Dia.2.0mmX140.0mm	10 Pcs, ETO Sterile
EI1220160	Suction Tube for Nose	Dia.2.0mmX160.0mm	10 Pcs, ETO Sterile
Ei1230100	Suction Tube for Nose	Dia.3.0mmX100.0mm	10 Pcs, ETO Sterile
EI1230120	Suction Tube for Nose	Dia.3.0mmX120.0mm	10 Pcs, ETO Sterile
EI1230140	Suction Tube for Nose	Dia.3.0mmX140.0mm	10 Pcs, ETO Sterile
EI1230160	Suction Tube for Nose	Dia.3.0mmX160.0mm	10 Pcs, ETO Sterile
EI1235120	Suction Tube for Nose	Dia.3.5mmX120.0mm	10 Pcs, ETO Sterile
EI1235140	Suction Tube for Nose	Dia.3.5mmX140.0mm	10 Pcs, ETO Sterile
EI1235160	Suction Tube for Nose	Dia.3.5mmX160.0mm	10 Pcs, ETO Sterile
EI1240100	Suction Tube for Nose	Dia.4.0mmX100.0mm	10 Pcs, ETO Sterile
EI1240120	Suction Tube for Nose	Dia.4.0mmX120.0mm	10 Pcs, ETO Sterile
EI1240140	Suction Tube for Nose	Dia.4.0mmX140.0mm	10 Pcs, ETO Sterile
EI1240160	Suction Tube for Nose	Dia.4.0mmX160.0mm	10 Pcs, ETO Sterile
EI1250120	Suction Tube for Nose	Dia.5.0mmX120.0mm	10 Pcs, ETO Sterile
EI1250140	Suction Tube for Nose	Dia.5.0mmX140.0mm	10 Pcs, ETO Sterile
EI1250160	Suction Tube for nose	Dia.5.0mmX160.0mm	10 Pcs, ETO Sterile

**Material:** SS and Polyethylene, **Note:** All Suction Tubes are also available in Non-sterile.





# **Suction Tube for Nose Reusable**



REF Number	Product Name	Specification	No. Of Piece/Package
EI1320100R	Suction Tube for Nose-Right	Dia.2.0mmX120.0mm	10 Pcs, ETO Sterile
EI1320100L	Suction Tube for Nose-Left	Dia.2.0mmX120.0mm	10 Pcs, ETO Sterile
EI1320140R	Suction Tube for Nose-Right	Dia.2.0mmX140.0mm	10 Pcs, ETO Sterile
EI1320140L	Suction Tube for Nose-Left	Dia.2.0mmX140.0mm	10 Pcs, ETO Sterile
EI1320160R	Suction Tube for Nose-Right	Dia.2.0mmX160.0mm	10 Pcs, ETO Sterile
EI1320160L	Suction Tube for Nose-Left	Dia.2.0mmX160.0mm	10 Pcs, ETO Sterile
EI1325120R	Suction Tube for Nose-Right	Dia.2.5mmX120.0mm	10 Pcs, ETO Sterile
EI1325120L	Suction Tube for Nose-Left	Dia.2.5mmX120.0mm	10 Pcs, ETO Sterile
EI1325140R	Suction Tube for Nose-Right	Dia.2.5mmX140.0mm	10 Pcs, ETO Sterile
EI1325140L	Suction Tube for Nose-Left	Dia.2.5mmX140.0mm	10 Pcs, ETO Sterile
EI1325160R	Suction Tube for Nose-Right	Dia.2.5mmX160.0mm	10 Pcs, ETO Sterile
EI1325160L	Suction Tube for Nose-Left	Dia.2.5mmX160.0mm	10 Pcs, ETO Sterile
EI1330120R	Suction Tube for Nose-Right	Dia.3.0mmX120.0mm	10 Pcs, ETO Sterile
EI1330120L	Suction Tube for Nose-Left	Dia.3.0mmX120.0mm	10 Pcs, ETO Sterile
EI1330140R	Suction Tube for Nose-Right	Dia.3.0mmX140.0mm	10 Pcs, ETO Sterile
EI1330140L	Suction Tube for Nose-Left	Dia.3.0mmX140.0mm	10 Pcs, ETO Sterile
EI1330160R	Suction Tube for Nose-Right	Dia.3.0mmX160.0mm	10 Pcs, ETO Sterile
EI1330160L	Suction Tube for Nose-Left	Dia.3.0mmX160.0mm	10 Pcs, ETO Sterile
EI1335120R	Suction Tube for Nose-Right	Dia.3.5mmX120.0mm	10 Pcs, ETO Sterile
EI1335120L	Suction Tube for Nose-Left	Dia.3.5mmX120.0mm	10 Pcs, ETO Sterile
EI1335140R	Suction Tube for Nose-Right	Dia.3.5mmX140.0mm	10 Pcs, ETO Sterile
EI1335140L	Suction Tube for Nose-Left	Dia.3.5mmX140.0mm	10 Pcs, ETO Sterile
EI1335160R	Suction Tube for Nose-Right	Dia.3.5mmX160.0mm	10 Pcs, ETO Sterile
EI1335160L	Suction Tube for Nose-Left	Dia.3.5mmX160.0mm	10 Pcs, ETO Sterile

Material: SS, Note: All Suction Tubes are also available in Non-sterile.





# **Suction Tube for Nose Reusable**

REF Number	Product Name	Specification	No. Of Piece/Package
EI1340120R	Suction Tube for Nose-Right	Dia.4.0mmX120.0mm	10 Pcs, ETO Sterile
EI1340120L	Suction Tube for Nose-Left	Dia.4.0mmX120.0mm	10 Pcs, ETO Sterile
EI1340140R	Suction Tube for Nose-Right	Dia.4.0mmX140.0mm	10 Pcs, ETO Sterile
EI1340140L	Suction Tube for Nose-Leftt	Dia.4.0mmX140.0mm	10 Pcs, ETO Sterile
EI1340160R	Suction Tube for Nose-Right	Dia.4.0mmX160.0mm	10 Pcs, ETO Sterile
EI1340160L	Suction Tube for Nose-Left	Dia.4.0mmX160.0mm	10 Pcs, ETO Sterile
EI1350120R	Suction Tube for Nose-Right	Dia.5.0mmX120.0mm	10 Pcs, ETO Sterile
EI1350120L	Suction Tube for Nose-Left	Dia.5.0mmX120.0mm	10 Pcs, ETO Sterile
EI1350140R	Suction Tube for Nose-Right	Dia.5.0mmX140.0mm	10 Pcs, ETO Sterile
EI1350140L	Suction Tube for Nose-Left	Dia.5.0mmX140.0mm	10 Pcs, ETO Sterile
EI1350160R	Suction Tube for Nose-Right	Dia.5.0mmX160.0mm	10 Pcs, ETO Sterile
EI1350160L	Suction Tube for Nose-Left	Dia.5.0mmX160.0mm	10 Pcs, ETO Sterile
EI1250120	Suction Tube for Nose-Right	Dia.5.0mmX120.0mm	10 Pcs, ETO Sterile
EI1250140	Suction Tube for Nose-Left	Dia.5.0mmX140.0mm	10 Pcs, ETO Sterile
EI1250150	Suction Tube for Nose-Right	Dia.5.0mmX150.0mm	10 Pcs, ETO Sterile

Material: SS, Note: All Suction Tubes are also available in Non-sterile.





# **Suction Tube for Throat and Sinus Disposable**

**Suction tubes for Throat and Sinus** are used to remove excess amount of foreign body material from throat and sinus.

# **Design Benefits:**

- # Very stable suction tube for retraction and suction
- # The shaft is slightly curved
- # Reduces unnecessary infection risks





# Suction Tube for Throat and its tip close-up (Material: SS and Polyethylene)





# Suction Tube for Sinus and its tip close-up (Material: SS and Polyethylene)

REF Number	Product Name	Specification	No. Of Piece/Package
EI1620250	Suction Tube for Throat	Dia.2.0mmX250.0mm	10 pcs ETO Sterile/Non-Sterile
EI1630250	Suction Tube for Throat	Dia.3.0mmX250.0mm	10 pcs ETO Sterile/Non-Sterile
EI1825150	Suction Tube for Sinus	Dia.2.5mmX150.0mm	10 pcs ETO Sterie/Non-Sterile
EI1830150	Suction Tube for Sinus	Dia.3.0mmX150.0mm	10 pcs ETO Sterile/Non-Sterile
EI1840150	Suction Tube for Sinus	Dia.4.0mmX150.0mm	10 pcs ETO Sterile/Non-Sterile



# Jobson Horne Probe Cerumen Hook

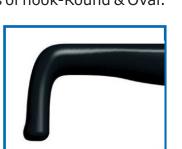
Both of these Ear Curettes are commonly used OPD instruments and are also called the wax hook or ring curette. One end of the probe is shaped like a ring or hook. This end may be used to hook out wax or foreign bodies from the ear canal. The other end of the instrument is sharp and serrated. An ear wick can be fashioned out of this end by rolling cotton on to it and used to mop ear discharge.



- # Allow gentle and easy extraction of wax from the ear canal rather than pushing it deeper inside.
- ⊕ Single use probe designed for wax removal and cotton application.
- # Removal of foreign body from the ear.
- Removal of otomycotic debris or discharge from the external auditory canal.
- # Probing of aural polyp or other mass in the ear canal.
- Probing of nasal masses and checking their sensitivity to touch.
- # Jobson Horne probe having 2 varities of hook-Round & Oval.











REF Number	Shape	Size	No. Of Piece/Package
EI0962	Jobson Horne Probe - Round	3 mm	1 Piece ETO Sterile/Non-Sterile
EI0963	Jobson Horne Probe - Oval	2.5 mm	1 Piece ETO Sterile/Non-Sterile
EI0964	Cerumen Hook	Standard	1 Piece ETO Sterile/Non-Sterile



# **Ear Specula**

**Ear Specula** is a funnel shaped with oblique end which inserted into the auditory canal of the ear, allowing to look at the ear canal and ear drum. The ear specula is the ideal instrument used in inspecting the eardrum because eardrum is difficult to view with the naked eye. Diseases of the ear canal(Swimmer's ear), wax buildup, eardrum perforation, foreign object and other problems can be seen through the Ear Specula.





- # Helps in ear examinate and ear surgeries
- # Essential during inner ear examination
- Prevents infections from forming in the ear canal and eardrum
- # Prevents further damage to the Ear Canal or the TM
- # Ideal in locating foreign particles that may be stuck in Ear Canal





Material: Polyethylene

REF Number	Tip Diameter	No. Of Piece/Package
EI09513	3mm	1 Piece ETO Sterile/Non-Sterile
EI09514	4mm	1 Piece ETO Sterile/Non-Sterile
EI09515	5mm	1 Piece ETO Sterile/Non-Sterile
EI09516	6mm	1 Piece ETO Sterile/Non-Sterile



# **Myringotomy Knife**

**Myringotomy Knife** is used to make an incision in the tympanic membrane (ear drum) into which a "Grommet" can be placed. The handle design aids orientation for accuracy and confidence when making incisions. The consistently sharp, angled blade facilitates a clean cut.

# **Design Benefits:**

- ⊕ Bendable shaft that offers the versatility to create an angle that suits the ear anatomy.
- Double edge allow for cutting movement in both directions.
- # Reduce chance of injury during incision.

Material: SS and Polyethylene



# **Suction Controller**

During the suction procedure it is define in which level suction will perform for that precise suction level suction controller is require. Controls the level of suction via the thumb vent mechanism.

### **Design Benefits:**

- # Assemble with the desired gauge of suction tube
- # Precise and controllable procedure
- Used with suction tubes in micro suction and wax removal/management
- # Easy to handle

Material: Polyethylene

REF Number	Length	No. Of Piece/Package
EI0968	39mm	1 Pcs, ETO Sterile/Non-Sterile





# **Micro Ear Alligator Forceps**

**Micro ear forceps** is a long, thin, angular handles and a small hinged jaw on the end with heavy interlocking teeth which is useful in grasping small particles or removing items from ear canal. Serrated edges minimizes the overall pressure created, resulting in significantly less harm.



- # Useful during ear examinations
- # Ideal for surgical procedure in the ear
- # Easy handling tissue or sterile dressings
- # Moving sterile dressings in a hard-to-reach area after surgery
- # The forceps are also effective in placing implants in the ear

Material: SS

REF Number	Jaw Length	Length	No. Of Piece/Package
EI0969	3.5mm	75mm	1 pcs, ETO Sterile/Non-Sterile

# **Rosen Inserter**

This Ear Curette is used to hook out wax or foreign bodies from the ear canal as well Developed with surgeons to aid grommet insertion. Slight band from the end so grommet insert in to TM precisely and quickly. The geometry also proven favorable for removal of objects in the ear.

### **Design Benefits**

- # Easy to handle than other inserter
- # Helps to remove object from ear
- # Good strength and flexible
- # Reduces the risk of injury in other part of the ear

REF Number	No. Of Piece/Package	
EI0959	1 pcs, ETO Sterile/Non Sterile	







# **Myringotomy Kit**



Myringotomy Kit-1	EI0972P
Jobson Horne Probe	1 piece
Ear Specula- 3 MM	1 piece
4 MM	1 piece
5 MM	1 piece
Myringotomy Knife	1 piece
Suction Tube- 16 Gauge	1 piece
18 Gauge	1 piece
Micro Ear Alligator Forceps	1 piece
Suction Controller	1 piece
Rosen Inserter	1 piece
Grommet	1 piece

Myringotomy Kit-2	EI0972E
Jobson Horne Probe	1 piece
Ear Specula- 4 MM	1 piece
5 MM	1 piece
6 MM	1 piece
Myringotomy Knife	1 piece
Suction Tube- 18 Gauge	1 piece
20 Gauge	1 piece
Micro Ear Alligator Forceps	1 piece
Suction Controller	1 piece
Rosen Inserter	1 piece
Grommet	1 piece

No. Of Kit per Package: 1 Kit, ETO Sterile



# **ENT Burs**

**Osseous ENT Burs** are designed for giving the flexibility to treat a wide range of ENT conditions and anatomies from precise excision in delicate areas to rapid removal of large and bulky lesions.

# **Design Benefits:**

- # Used to cut, drill and polished the bones
- # Heavy material removal
- # Easier, more thorough bur cleanup
- Lower temperatures during use
- Centerless ground for better balance
- # Less stress on handpiece and surgeon







SS Bur

Carbide Bur





Diamond

Course Diamond

Stainless Steel	REF N Tungsten Carbide	lumber Diamond	Course Diamond	Head Diameter (mm)	No. Of Piece/Package
EI2105SS	EI2105TC	EI2105D	EI2105CD	0.5	1 piece, ETO Sterile/Non Sterile
EI2110SS	EI2110TC	EI2110D	EI2110CD	1.0	1 piece, ETO Sterile/Non Sterile
EI2115SS	EI2115TC	EI2115D	EI2115CD	1.5	1 piece, ETO Sterile/Non Sterile
EI2120SS	EI2120TC	EI2120D	EI2120CD	2.0	1 piece, ETO Sterile/Non Sterile
EI2125SS	EI2125TC	EI2125D	EI2125CD	2.5	1 piece, ETO Sterile/Non Sterile
EI2130SS	EI2130TC	EI2130D	EI2130CD	3.0	1 piece, ETO Sterile/Non Sterile
EI2135SS	EI2135TC	EI2135D	EI2135CD	3.5	1 piece, ETO Sterile/Non Sterile
EI2140SS	EI2140TC	EI2140D	EI2140CD	4.0	1 piece, ETO Sterile/Non Sterile
EI2145SS	EI2145TC	EI2145D	EI2145CD	4.5	1 piece, ETO Sterile/Non Sterile
EI2150SS	EI2150TC	EI2150D	EI2150CD	5.0	1 piece, ETO Sterile/Non Sterile
EI2160SS	EI2160TC	EI2160D	EI2160CD	6.0	1 piece, ETO Sterile/Non Sterile
EI2170SS	EI2170TC	EI2170D	EI2170CD	7.0	1 piece, ETO Sterile/Non Sterile





# **ENT Burs**

Stainless Steel	REF N Tungsten Carbide	lumber Diamond	Course Diamond	Head Diameter (mm)	No. Of Piece/Package
EI2105SS	EI2105TC	EI2105D	EI2105CD	0.5	1 piece, ETO Sterile/Non Sterile
EI2110SS	EI2110TC	EI2110D	EI2110CD	1.0	1 piece, ETO Sterile/Non Sterile
EI2115SS	EI2115TC	EI2115D	EI2115CD	1.5	1 piece, ETO Sterile/Non Sterile
EI2120SS	EI2120TC	EI2120D	EI2120CD	2.0	1 piece, ETO Sterile/Non Sterile
EI2125SS	EI2125TC	EI2125D	EI2125CD	2.5	1 piece, ETO Sterile/Non Sterile
EI2130SS	EI2130TC	EI2130D	EI2130CD	3.0	1 piece, ETO Sterile/Non Sterile
EI2135SS	EI2135TC	EI2135D	EI2135CD	3.5	1 piece, ETO Sterile/Non Sterile
EI2140SS	EI2140TC	EI2140D	EI2140CD	4.0	1 piece, ETO Sterile/Non Sterile
EI2145SS	EI2145TC	EI2145D	EI2145CD	4.5	1 piece, ETO Sterile/Non Sterile
EI2150SS	EI2150TC	EI2150D	EI2150CD	5.0	1 piece, ETO Sterile/Non Sterile
EI2160SS	EI2160TC	EI2160D	EI2160CD	6.0	1 piece, ETO Sterile/Non Sterile
EI2140SS	EI2140TC	EI2140D	EI2140CD	7.0	1 piece, ETO Sterile/Non Sterile



# **ENT Blades**

# **Straight Sinus Blades**

# **Design Benefits**



- # 11cm long with straight shaft
- Offset cutting surface cuts in 3 planes
- Application: Ethmoidectomy
- + Operation Speed: 5000RPM, Oscillate

REF Number	Size	Speed	Pieces per package
EI2201	4cm	5000RPM	1 piece, ETO Sterile/Non Sterile

### **Curved Sinus Blades**





- # 11cm long with curved shaft
- Offset cutting surface cuts in 3 planes
- Application 40°: Uncinectomy, Ethmoidectomy
- ♣ Application 60°: Frontal sinus surgery
- + Operation Speed: 5000RPM, Oscillate

REF Number	Size	Angle	Speed	Pieces per package
EI2202	4cm	40°	5000 RPM	1 piece, ETO Sterile/Non Sterile
Ei2203	4cm	60°	5000 RPM	1 piece, ETO Sterile/Non Sterile

# **Tonsillectomy and Adenoidectomy Blades**



# **Design Benefits**

- # 11cm long with curved shaft with 40°
- # Application: Adenoidectomy
- Operation Speed: 1500RPM

REF Number	Size	Angle	Speed	Pieces per package
EI2204	4cm	40°	5000RPM	1 piece, ETO Sterile/Non Sterile