



**ELMED LARYNGEAL INSTRUMENTATION FOR
LARYNGOSCOPES AND MICRO LARYNGOSCOPES**

Laryngoscopes (Monocular View)

TEETH GUARDS

These nylon (latex free) teeth guards were designed as a protection for the patient's teeth against pressure that may be exerted during insertion and positioning of a laryngoscope.

40-2275 Adult size teeth guards, box of 24 pair

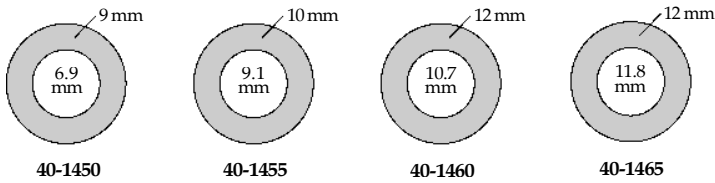
40-2276 Adult size teeth guards, box of 3 pair



40-2275

**TUCKER MID-LIGHTED SIDE SLIDE
LARYNGOSCOPES**

A standard Jackson slide laryngoscope with a mid-line fiber optic light carrier and Tucker modification of a side slide. The side slide removal allows for easy introduction of the bronchoscope. The shortened light carrier facilitates the use of the instrument in the vallecula to minimize the shadow cast by the epiglottis when introducing a bronchoscope. Supplied with one light carrier.



CATALOG NUMBER	SIZE	OVERALL LENGTH	MIN. I.D.	NOMINAL PROXIMAL I.D.	MAX. O.D.	REPLACE. CARRIER
40-1450	Child	90 mm	6.9 mm	9.0 mm	14.0 mm	526510
40-1455	Adolescent	114 mm	9.1 mm	10.0 mm	17.0 mm	526512
40-1460	Adult	120 mm	10.7 mm	12.0 mm	19.0 mm	526515
40-1465	Long Adult	160 mm	11.8 mm	12.0 mm	19.0 mm	526516

*Drawings illustrate Nominal Proximal Internal Dimensions and Minimum Internal Diameter (I.D.),
NOT TO SCALE.*

**HOLINGER INFANT (NEWBORN)
SLIDE LARYNGOSCOPE**

The Holinger Infant Slide Laryngoscope is supplied with a very small light carrier to permit maximum lumen.

CATALOG NUMBER	SIZE	OVERALL LENGTH	MIN. I.D.	NOMINAL PROXIMAL I.D.	MAX. O.D.	REPLACE. CARRIER
40-1500	Infant	81 mm	8.0 mm	9.0 mm	14.0 mm	526204



Laryngoscopes (Monocular View) *(continued)*

JACKSON STANDARD FIBEROPTIC SLIDE LARYNGOSCOPE

The Jackson Standard Slide Laryngoscope is considered the standard scope and is used not only for introduction of a bronchoscope but also for operating in the larynx. Supplied with one light carrier.

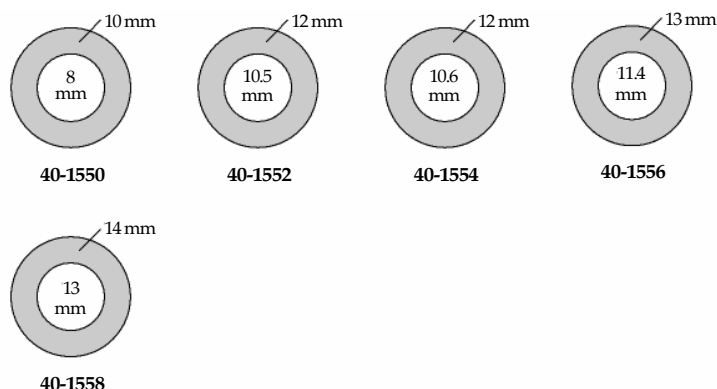
CATALOG NUMBER	SIZE	OVERALL LENGTH	MIN. I.D.	NOMINAL PROXIMAL I.D.	MAX. O.D.	REPLACE. CARRIER
40-1550	Infant	95 mm	8.0 mm	10.0 mm	16.0 mm	526000
40-1552	Child	125 mm	10.5 mm	12.0 mm	17.0 mm	526006
40-1554	Adolescent	159 mm	10.6 mm	12.0 mm	17.0 mm	526018
40-1556	Adol/Adult	159 mm	11.4 mm	13.0 mm	18.0 mm	526018
40-1558	Adult	159 mm	13.0 mm	14.0 mm	21.0 mm	526018



40-1552



40-1554



Drawings illustrate Nominal Proximal Internal Dimensions and Minimum Internal Diameter (I.D.), NOT TO SCALE.

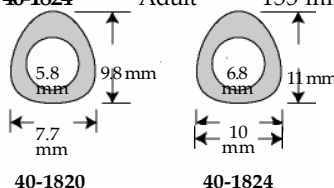
JACKSON DIRECT OR ANTERIOR COMMISSURE LARYNGOSCOPE

The distal tip and arrangement of the light carrier in the Jackson Anterior Commissure Laryngoscope are constructed for best vision and avoidance of trauma, especially going through the glottis into the trachea without injury to the cords. The scope is long enough to also be used as a tracheoscope in many cases. Supplied with one light carrier. Hook handle.

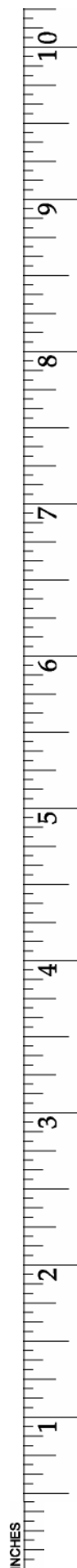
CATALOG NUMBER	SIZE	OVERALL LENGTH	MIN. I.D.	NOMINAL PROXIMAL DIMENSIONS	MAX. O.D.	REPLACE. CARRIER
40-1820	Child	133 mm	5.8 mm	7.7 x 9.8 mm	13.6 mm	526008
40-1824	Adult	155 mm	6.8 mm	10 x 11 mm	16.0 mm	526026



40-1820



Drawings illustrate Nominal Proximal Internal Dimensions and Minimum Internal Diameter (I.D.), NOT TO SCALE.



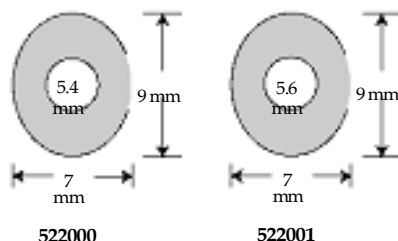
LARYNGOSCOPES

Laryngoscopes (Monocular View) *(continued)*

TUCKER-HOLINGER ANTERIOR COMMISSURE LARYNGOSCOPES

The Tucker-Holinger Anterior Commissure Laryngoscope retains the design principles that have made the Holinger Laryngoscope the choice for visualizing the anterior commissure and the subglottic region. A large oval light carrier has been placed at the midline of the anterior surface. A full-length slot facilitates intubation and permits full instrument manipulation.

CATALOG NUMBER	SIZE	OVERALL LENGTH	MIN. I.D.	NOMINAL PROXIMAL I.D.	MAX. O.D.	REPLACE. CARRIER
522000	Infant	96 mm	5.4 mm	9.0 mm	13.0 mm	526203
522001	Child	119 mm	5.6 mm	9.0 mm	13.0 mm	526201

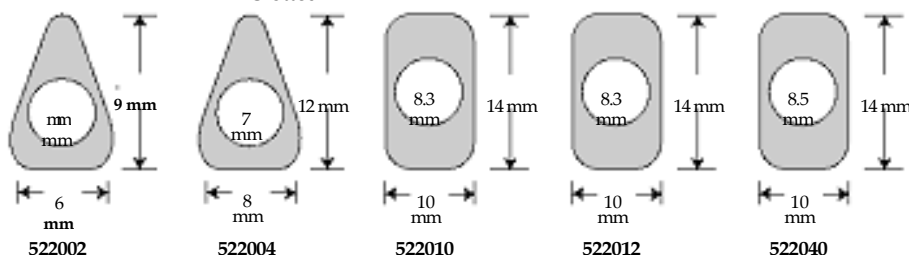


Drawings illustrate Nominal Proximal Internal Dimensions and Minimum Internal Diameter (I.D.), NOT TO SCALE.

HOLINGER ANTERIOR COMMISSURE LARYNGOSCOPES

The Holinger Anterior Commissure Laryngoscope incorporates the principle of the Yankauer post-nasal speculum. The distal end of the superior surface of the tube rises obliquely and flares laterally, and the proximal portion drops obliquely. This increases the lumen, and gives a larger field for work by elevating the tuberculum of the epiglottis. Supplied with one light carrier.

CATALOG NUMBER	SIZE	OVERALL LENGTH	MIN. I.D.	NOMINAL PROXIMAL DIMENSIONS	MAX. O.D.	REPLACE. CARRIER
522002	Infant	97 mm	3.7 mm	6 x 9 mm	9.8 mm	526206
522004	Child	120 mm	7.0 mm	8 x 12 mm	13.0 mm	526210
522010	Adult	170 mm	8.3 mm	10 x 14 mm	19.0 mm	526028
522012	Adult X Long	180 mm	8.3 mm	10 x 14 mm	19.0 mm	526038
522040	Adult "Slotted"	170 mm	8.5 mm	10 x 14 mm	19.0 mm	526028



40-2000

40-2012

40-2040

Laryngoscopes (Monocular View) (continued)

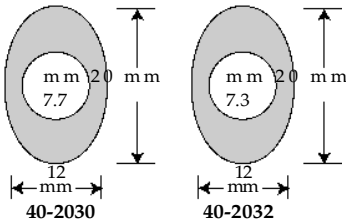
HOLINGER "HOURL GLASS" ANTERIOR COMMISSURE LARYNGOSCOPE

The Holinger "Hour Glass" Anterior Commissure Laryngoscope accentuates the flare tip and enlarged proximal opening of the original Holinger laryngoscope. The center portion, which is markedly constricted, and the very small light carriers give a minimal external diameter for ease in introduction, while providing maximum exposure of the vocal cords for endolaryngeal surgery.

CATALOG NUMBER	SIZE	OVERALL LENGTH	MIN. I.D.	NOMINAL PROXIMAL DIMENSIONS	MAX. OD.	REPLACE. CARRIER
40-2030	Adult	171 mm	7.7 mm	12 x 20 mm	20.2 mm	526212
40-2032	Adult X Long	181 mm	7.3 mm	12 x 20 mm	20.4 mm	526214



40-2032



Drawings illustrate Nominal Proximal Internal Dimensions and Minimum Internal Diameter (I.D.), NOT TO SCALE.

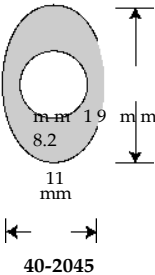
HOLINGER "SLOTTED" ANTERIOR COMMISSURE LARYNGOSCOPE

The Holinger "Slotted" Anterior Commissure Laryngoscope is a Holinger "Hour Glass" Laryngoscope that has been modified with an open slot on the working right side of the instrument. This modification allows greater latitude of forceps manipulation and may be useful in vocal cord injection procedures. Supplied with one light carrier.

CATALOG	OVERALL MIN.	NOMINAL PROXIMAL	MAX. REPLACE.	NUMBER	SIZE
40-2045	Adult "Slotted"	170 mm 8.2 mm	11 x 19 mm 20.0 mm	526212	



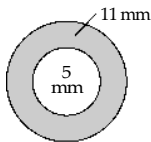
40-2045



TRACHEASCOPIES

Tracheoscopes (Monocular View)

The Tucker and Fearon Tracheoscopes are made without distal side apertures so that positive-pressure ventilation can be carried out regardless of the scope's position in the trachea. The scopes are particularly useful for examining the subglottic space and the trachea when performing tracheotomies where intermittent positive-pressure ventilation is essential, and for serial dilation of subglottic and upper tracheal stenosis. Supplied with one light carrier and one window plug.



40-240

TUCKER TRACHEASCOPE

The Tucker Tracheoscope was designed to accommodate the Pilling 2.7 mm x 24 cm telescope (524018).

CATALOG NUMBER	NOMINAL SIZE	OVERALL LENGTH	MIN. I.D.	NOMINAL PROXIMAL ID.	MAX. O.D.	REPLACE. CARRIER
40-2403*	5 x 18	180 mm	5.0 mm	11.0 mm	13.0 mm	527521

Drawings illustrate Nominal Proximal Internal Dimensions and Minimum Internal Diameter (I.D.), NOT TO SCALE.

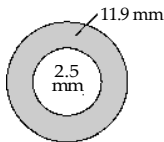


40-2403

FEARON TRACHEASCOPE

The Fearon Tracheoscope was designed to accommodate the Pilling 2.7 mm x 24 cm telescope (524018).

CATALOG NUMBER	NOMINAL SIZE	OVERALL LENGTH	MIN. I.D.	NOMINAL PROXIMAL ID.	MAX. O.D.	REPLACE. CARRIER
40-2404*	3 x 20	203 mm	2.5 mm	11.9 mm	11.0 mm	527



40-2404

40-2404

MICRO-LARYNGOSCOPES



Micro-Laryngoscopes fulfill the need for maximum illumination and light intensity in microsurgery, specifically for still or cine color photography. Elmed, with direction from leading surgeons, designed the most up-to-date laryngoscopes available today. The lighting systems on the micro-laryngoscopes provide more than adequate illumination for microsurgery and diagnosis when used under high microscopic magnification.

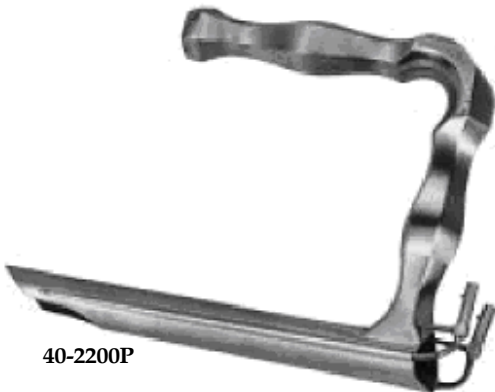
Micro-Laryngoscopes (Binocular View)

JAKO MICRO-LARYNGOSCOPE TYPE I

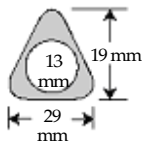
The Jako-Laryngoscope Type I is considered the standard scope for micro-laryngoscopy. These scopes are designed to be used with the standard fiberoptic Pilling connecting cables and provide more than adequate lighting for microsurgery and diagnosis. Supplied with two light carriers.

JAKO TYPE I

CATALOG NUMBER	SIZE	OVERALL LENGTH	MIN. ID.	NOMINAL PROXIMAL DIMENSIONS	MAX. O.D.	REPLACE. CARRIER
40-2200P	Adult	178 mm	13.0 mm	29.0 x 19.0 mm	34.0 mm	40-6365R* 40-6366L*



40-2200P



40-2200 P

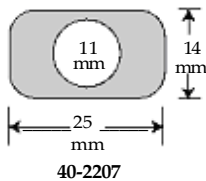
Drawings illustrate Nominal Proximal Internal Dimensions and Minimum Internal Diameter (I.D.), NOT TO SCALE.

CHERRY-JAKO TYPE I

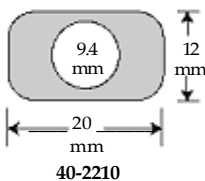
CATALOG NUMBER	SIZE	OVERALL LENGTH	MIN. ID.	NOMINAL PROXIMAL DIMENSIONS	MAX. O.D.	REPLACE. CARRIER
40-2207	Adolescent	149 mm	11.0 mm	25.0 x 14.0 mm	31.0 mm	40-6375R* 40-6376L*
40-2210	Child	121 mm	9.4 mm	20.0 x 12.0 mm	26.0 mm	40-6370R* 40-6371L*



40-2207



40-2207



40-2210

Drawings illustrate Nominal Proximal Internal Dimensions and Minimum Internal Diameter (I.D.), NOT TO SCALE.

* R indicates right light carrier
L indicates left light carrier

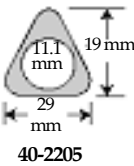
MICRO-LARYNGOSCOPES

Micro-Laryngoscopes (Binocular View) (continued)

JAKO MICRO-LARYNGOSCOPE TYPE II

The Jako Micro-Laryngoscope Type II is identical in size and configuration to the Type I. However, the Type II scopes are supplied with two extra large diameter light carriers permanently connected to 72" light transmission cables. These scopes are designed for maximum illumination and light intensity, specifically for still, cine, or video photography.

CATALOG NUMBER	SIZE	OVERALL LENGTH	MIN. ID.	NOMINAL PROXIMAL DIMENSIONS	MAX. O.D.	REPLACE. CARRIER
40-2205	Adult	178 mm	11.1 mm	29.0 x 19.0 mm	38.0 mm	40-7805R* 40-7800L*

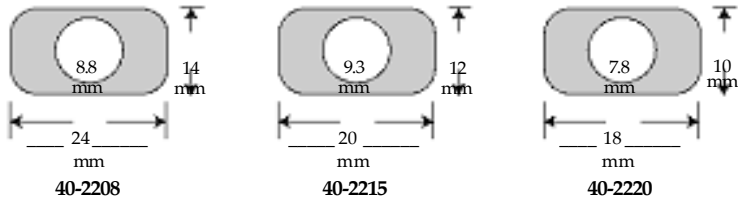


Drawings illustrate Nominal Proximal Internal Dimensions and Minimum Internal Diameter (I.D.), NOT TO SCALE.

JAKO-CHERRY MICRO-LARYNGOSCOPE TYPE II

The Jako-Cherry Micro-Laryngoscope Type II is identical in size and configuration to the Type I. However, the Type II scopes are supplied with two extra large diameter light carriers permanently connected to 72" light transmission cables. These scopes are designed for maximum illumination and light intensity, specifically for still, cine, or video photography.

CATALOG NUMBER	SIZE	OVERALL LENGTH	MIN. ID.	NOMINAL PROXIMAL DIMENSIONS	MAX. O.D.	REPLACE. CARRIER
40-2208	Adolescent	149 mm	8.8 mm	24.0 x 14.0 mm	34.0 mm	40-7815R* 40-7810L*
40-2215	Child	120 mm	9.3 mm	20.0 x 12.0 mm	28.0 mm	40-7825R* 40-7820L*
40-2220	Newborn	114 mm	7.8 mm	18.0 x 10.0 mm	25.0 mm	40-7825R*



MICRO-LARYNGOSCOPES

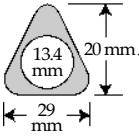


Micro-Laryngoscopes (Binocular View)

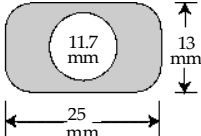
JAKO MICRO-LARYNGOSCOPE TYPE III

The Jako Micro-Laryngoscope Type III is identical in size and configuration to the Type II. However, the Type III scope features an improved lighting system which diverts the fiberoptic cable out of the way of the surgeon's hands. This system consists of a bifurcated light carrier running down each side of the laryngoscope barrel providing bilateral illumination, which minimizes shadows from the instruments as they approach vocal cord lesions.

CATALOG		OVERALL MIN.	NOMINAL PROXIMAL	MAX.	REPLACE.
40-2206	522206 Adult	178 mm	13.4 mm	29.0 x 20.0 mm	34.0 mm 40-6526
	522209 Adolescent	149 mm	11.7 mm	25.0 x 13.0 mm	30.0 mm 40-6527
	522216 Child	120 mm	9.1 mm	20.0 x 13.0 mm	25.0 mm 40-6528



40-2206



40-2209



40-2209

OSSOFF-PILLING MICRO-LARYNGOSCOPE

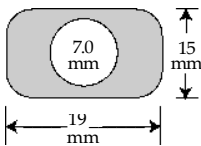
Available in two proximal widths. The 25.5 mm width can be introduced in most patients and is easily aligned with the microscope (400 mm objective). The 19 mm scope has the narrowest width capable of absorbing both microscope sight lines and can be used in most patients who previously could accept only the original Holinger scope.

- **Holinger distal end**, ease of introduction, excellent visualization
- **19 or 25.5 mm proximal widths**, increases patient selection for micro procedures
- **Standard adult handle**, can be used with most suspension systems, B.U. suspension handle available as option
- **Single light carrier**, external tube dimensions are kept to a minimum
- **Laser finish**, laser safety

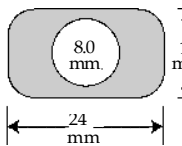
NOMINAL CATALOG NUMBER	SIZE	OVERALL LENGTH	MIN. ID.	PROXIMAL DIMENSIONS	MAX. OD.	REPLACE. CARRIER
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40-2190	Adult	168.2 mm	7.0 mm	19.0 x 15.0 mm	22.0 mm	527864
40-2191	Adult	168.2 mm	8.0 mm	24.0 x 14.0 mm	27.0 mm	527865

40-2190



40-2190



40-2191

MICRO-LARYNGOSCOPES

Micro-Laryngoscopes (Binocular View) For Difficult Intubations *(continued)*

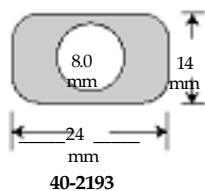
OSSOFF-PILLING VIDEO LARYNGOSCOPE

The Ossoff-Pilling Video Laryngoscope is similar in design to our standard Ossoff-Pilling Laryngoscope (522191) except that it includes an integral telescope port and accompanying telescope. The telescope can be connected to the OR's video system and is ideal for training, education and direct visualization during surgery.

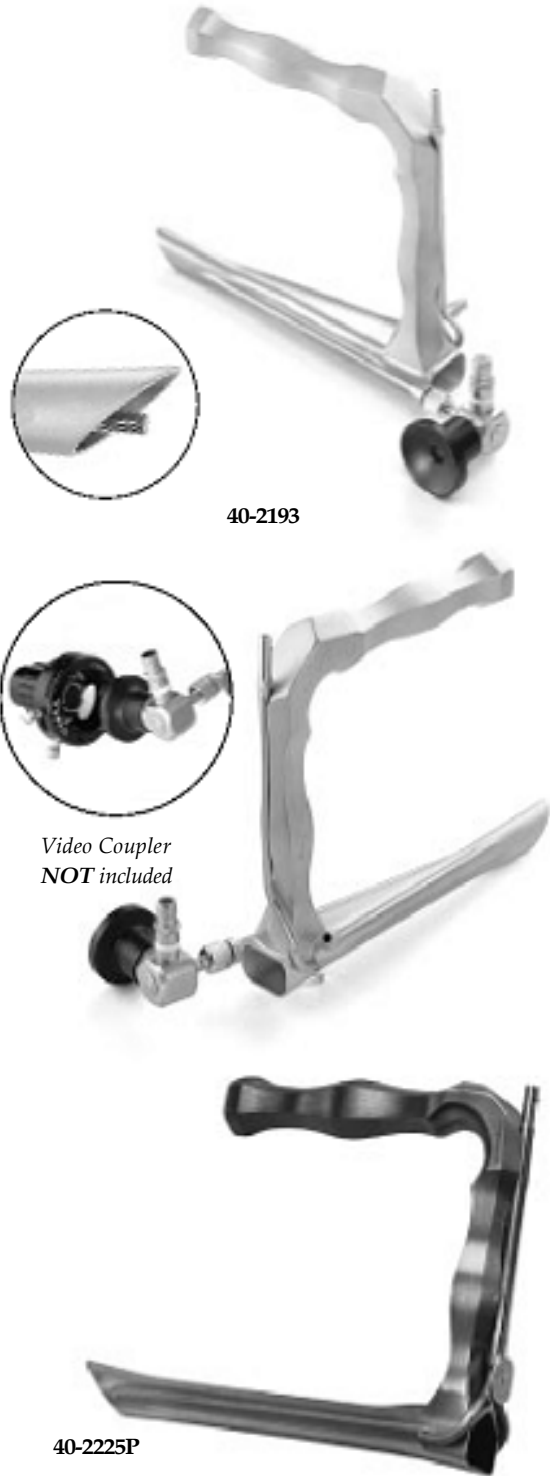
The telescope channel is located on the left side of the Laryngoscope. A plume evacuation tube and light carrier is located on the right side of the instrument. The telescope (4 mm x 177 mm) features a forward view with an angled eyepiece. The fiberoptic terminal accepts ACMI style cable connections.

Complete system including Laryngoscope and telescope.

CATALOG NUMBER	SIZE	OVERALL MIN. LENGTH	MIN. ID.	NOMINAL PROXIMAL DIMENSIONS	REPLACE. CARRIER	REPLACE. TELESCOPE
40-2193	Adult	16.5 cm	8.0 mm	24.0 x 14.0 mm	527866	40-4060



Drawings illustrate Nominal Proximal Internal Dimensions and Minimum Internal Diameter (I.D.), NOT TO SCALE.

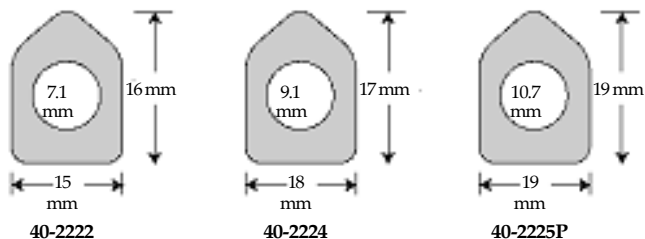


DEDO-PILLING MICRO-LARYNGOSCOPE

The Dedo-Pilling Micro-Laryngoscopes have been designed to provide the ability to examine the vocal cords at the anterior commissure in the majority of patients, for example, patients with bull necks, short jaws, or prominent upper teeth. The dimensions of the Dedo-Pilling Micro-Laryngoscopes are narrow enough between the light carriers to permit moving the instrument off the incisors and down between the molars to permit visualization of the anterior commissure. The fiberoptic light carriers are adjacent to the handle with a metal protected fiberoptic bundle which runs in a groove in the handle.

When used with the operating microscope equipped with a 400 mm lens, the Dedo-Pilling Micro-Laryngoscope affords binocular vision for microendoscopy. Supplied with one bifurcated light carrier.

CATALOG NUMBER	SIZE	OVERALL MIN. LENGTH	MIN. ID.	NOMINAL PROXIMAL DIMENSIONS	MAX. OD.	REPLACE. CARRIER
40-2222	Child	119 mm	7.1 mm	15.0 x 16.0 mm	22.0 mm	40-6524
40-2224	Adolescent	145 mm	9.1 mm	18.0 x 17.0 mm	25.0 mm	40-6529
40-2225P	Adult	173 mm	10.7 mm	19.0 x 19.0 mm	27.0 mm	40-6525



MICRO-LARYNGOSCOPES

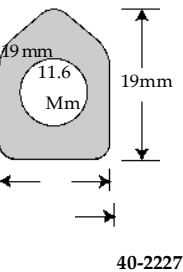
For Difficult Intubations *(continued)*

DEDO-PILLING MICRO-LARYNGOSCOPE TYPE II

The Dedo-Pilling Micro-Laryngoscope Type II is identical in size and configuration to the standard Dedo-Pilling instrument, with the exception of the illuminating system. In the Type II system, the illuminating fibers are continuous throughout both light carriers and cables, thus eliminating light loss normally incurred at the junction of these two components. This micro-laryngoscope is designed for maximum illumination to facilitate still or cine photography. Supplied with two light carriers.

40-2227

CATALOG NUMBER	SIZE	OVERALL LENGTH	MIN. ID.	NOMINAL PROXIMAL DIMENSIONS	MAX. O.D.	REPLACE. CARRIER
40-2227	Adult	173 mm	11.6 mm	19.0 x 19.0 mm	32.0 mm	40-7860



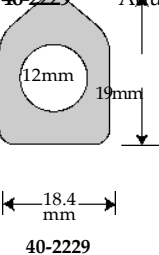
Drawings illustrate Nominal Proximal Internal Dimensions and Minimum Internal Diameter (I.D.),

NOT TO SCALE.

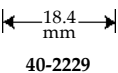
ABRAMSON-DEDO MICRO-LARYNGOSCOPE

The Abramson modification of the Dedo-Pilling Micro-Laryngoscope was designed to increase the efficiency of Venturi type ventilation. It provides the physician with a choice of six positions for placement of the Venturi Needle (up to 14 Ga.). The inside is finished to be non-reflective, and 14 Ga. blunt needles may be used for smoke evacuation. Supplied with a set of right and left light carriers, two 12" 14 Ga. blunt needles, and two Luer-Lok adapters for bare Sanders system tubing.

CATALOG NUMBER	SIZE	OVERALL LENGTH	MIN. ID.	NOMINAL PROXIMAL DIMENSIONS	MAX. O.D.	REPLACE. CARRIER
40-2229	Adult	177 mm	12.0 mm	19.0 x 19.0 mm	28.0 mm	40-7586R* 40-7587L*



Drawings illustrate Nominal Proximal Internal



Dimensions and Minimum Internal Diameter (I.D.)
NOT TO SCALE.

LEGEND

- A,C,D,F Channels for ventilating needle up to 14 gauge
- B,E Channels for light carriers or ventilating needles
- G,H Ventilating needles and adapters
- I,J Light carriers
- K Luer-Lok hubs to fit tubing adapter

MICRO-LARYNGOSCOPES



40-2241

Micro-Laryngoscopes (Binocular View) For Difficult Intubations *(continued)*

40-2240



40-2599



REPLACEMENT VENTILATING NEEDLES

40-2241 12" blunt



REPLACEMENT CLIPS

40-2240 For ventilating needles

40-2594



REPLACEMENT ADAPTER

40-2599 Needle Luer-Lok hub to Sanders tubing

40-2600



40-2596



VENTURI VENTILATING BLUNT NEEDLES

- 40-2594 4" (10.1 cm), 14 gauge
- 40-2600 4" (10.1 cm), 14 gauge, bent 90°
- 40-2596 4" (10.1 cm), 16 gauge
- 40-2598P 4" (10.1 cm), 18 gauge
- 40-2590 4" (10.1 cm), 20 gauge

Complete Sanders Venturi System listed on pages 8 through

LARYNGOSCOPE HOLDERS

Laryngoscope Holders allow the surgeon to have both hands free during Laryngoscopy, Micro-Laryngoscopy, and Laser Laryngoscopy procedures. These holders allow the surgeon to perform intricate procedures requiring both hands available for necessary instrumentation insertion through the laryngoscopes.

Laryngoscope Holders

LARYNGOSCOPE HOLDER, IMPROVED MODEL

The external chest bar and rod easily attach or detach from the handle of most laryngoscopes. Manually operated gear supplies leverage to the laryngoscope for exposure of the anterior commissure and allows the operator to have both hands free for instrumentation. (*Laryngoscope is not included.*)

40-2245

40-2245

40-2248

TOBEY LARYNGOSCOPE HOLDER

The Tobey Laryngoscope Holder has a quick attach/re lease mechanism that provides a secure hold of the laryngoscope. With the blue thumb tab mechanism on the Tobey, there is no more twisting or turning necessary to lock the laryngoscope into the holder. The Tobey also allows for fine adjusting using the size adjustment knob for different laryngoscope handles.

40-2248



LARYNGOSCOPE HOLDERS



40-2260

Laryngoscope Holders *(continued)*

BOSTON UNIVERSITY SUSPENSION SYSTEM This system is used to suspend the laryngoscope during micro and laser surgery of the larynx. (*Laryngoscope and strong laryngoscope handle extension are not included.*)

- Supports the laryngoscope for two-handed surgery.
- Is not affected by chest movement.
- Allows use of the Boyce-Jackson position.
- Allows repositioning of the table as necessary without readjustment of the suspension system.

40-2260



40-2262

PIVOTING EXTENSION ARM ASSEMBLY

40-2262



40-2261

STRONG LARYNGOSCOPE HANDLE EXTENSION

Adapts micro-laryngoscope for use with the Boston University Suspension System. Laryngoscopes already in use may be returned to Piling for the modification, or a new instrument may be ordered with extension.

40-2261



11-3100

PILLING TABLE CLAMP 11-3100 Fits over table drapes

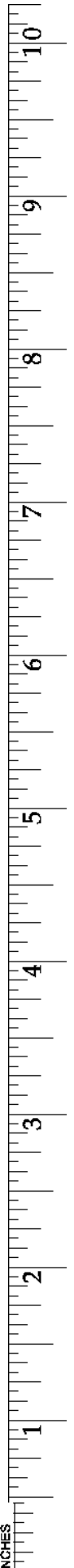
BOSTON UNIVERSITY SUSPENSION SYSTEM Most laryngoscopes can be made adaptable to the Boston University Suspension System. Piling Repair Dept. can tap a hole for Boston University/Strong Extension in most laryngoscopes with a straight handle.

SCOPE SERVICE TO ADAPT HANDLE FOR USE WITH BU SYSTEM

11-3094 Tap new scope for BU System —
must be added to your order

11-1170 Tap old scope for BU System —
contact Elmed Repair Dept. at 1630-543-27920

40-2261 Strong Laryngoscope Handle Extension —
must be ordered along with scope for use with BU System



LARYNGOSCOPE HOLDERS

Laryngoscope Holders *(continued)*

LOEB LARYNGOSCOPE HOLDER SUPPORT

The Loeb system is used to support the laryngoscope holder (40-2245) or Tobey Laryngoscope Holder (40-2248) during micro and laser surgery of the larynx. This support removes the laryngoscope holder from the patient's chest. The width of the support is adjustable to accommodate most operating tables.

40-2250



TABLE-MOUNTED MAYO TRAY

The Dedo Table Mounted Mayo Tray System is used to support the standard Pilling Laryngoscope Holder. The tray can be positioned at any height, will swivel, and can be extended. All parts are stainless steel and can be disassembled for cleaning and sterilizing. This system can be easily covered by a sterile Mayo cover.

40-2265 Complete system:

- Tray
- Detachable sliding bars and clamps
- Upright rod
- Table Clamp



LARYNGEAL DEPRESSOR

The Laryngeal Depressor was designed to facilitate external pressure to the larynx by exerting controlled pressure to the anterior neck. By attaching to a laryngoscope holder (40-2245 or 40-2248), "hands off" laryngeal pressure is achieved.

40-6682

40-6682



LARYNGEAL INSTRUMENTATION FOR LARYNGOSCOPES AND MICRO LARYNGOSCOPES

Pilling, in conjunction with leading surgeons in the field of Otolaryngology, has designed a large variety of laryngeal instruments. These instruments can be utilized for both Laryngoscopy and Micro-Laryngoscopy. Pilling works continually with surgeons on new designs and modifications as procedural changes occur.

Jako-Kleinsasser Micro-Laryngeal Instruments

FORCEPS-SCISSORS

These micro-laryngeal forceps and scissors were designed specifically for micro-surgery. They feature slender 2 mm diameter stems with miniature distal jaws in shapes of forceps and scissors, and are made of dull finished stainless steel to reduce glare. Stems are angulated (5° bend at handle) for unobstructed vision.

40-6455 Cup forceps, straight, 22 cm working length

40-6460 Cup forceps, angled left, 22 cm working length

40-6461 Cup forceps, angled right, 22 cm working length

40-6462 Cup forceps, angled up, 22 cm working length

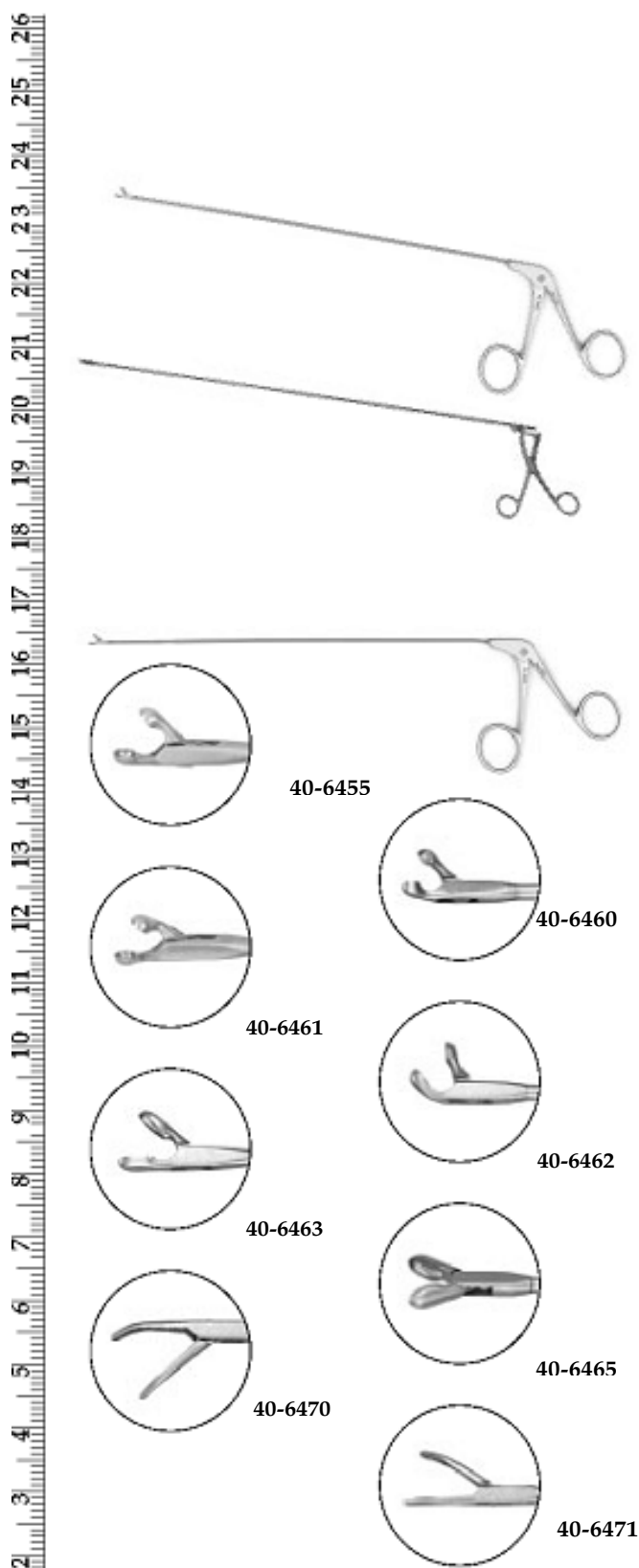
40-6463 Cup forceps, oval, single action, 22 cm working length

40-6465 Cup forceps, straight oval, 22 cm working length

40-6470 Grasping forceps, curved left, 22 cm working length

40-6471 Grasping forceps, curved right, 22 cm working length

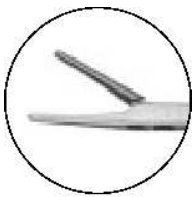
(additional patterns continued on next page)



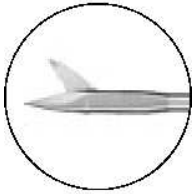
LARYNGEAL INSTRUMENTATION FOR

LARYNGOSCOPES AND MICRO LARYNGOSCOPES

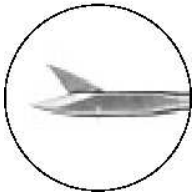
Jako-Kleinsasser Micro-Laryngeal Instruments *(continued)*



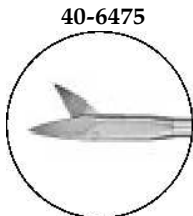
40-6472



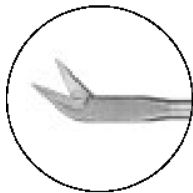
40-6476



40-6478
40-6477



40-6475



40-6479

FORCEPS-SCISSORS *(continued)*

These micro-laryngeal forceps and scissors were designed specifically for micro-surgery. They feature slender 2 mm diameter stems with miniature distal jaws in shapes of forceps and scissors, and are made of dull finished stainless steel to reduce glare. Stems are angulated (5° bend at handle) for unobstructed vision.

40-6472 Grasping forceps, very fine serrated, straight, 22 cm working length

40-6475 Scissors, curved left, 22 cm working length

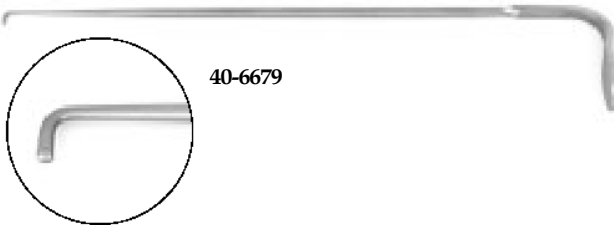
40-6476 Scissors, curved right, 22 cm working length

40-6477 Scissors, slight up-angle, 22 cm working length

40-6478 Scissors, straight, vertical, 22 cm working length

40-6479 Scissors, straight, horizontal, 22 cm working length

Jako Micro-Laryngeal Instruments



40-6679

JAKO FINE BALL TIP HOOK

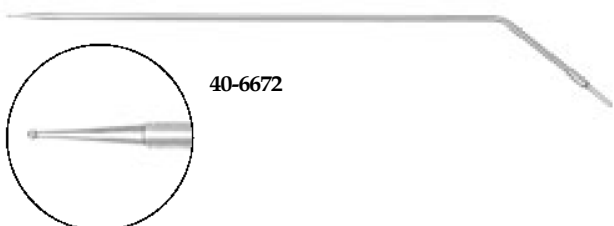
40-6679 Right angle, 23 cm



40-6680

JAKO SICKLE KNIFE

40-6680 25 cm



40-6672

JAKO COAGULATION PROBE

Will fit standard Bovie Pencil Handle

40-6672 27 cm



LARYNGEAL INSTRUMENTATION FOR LARYNGOSCOPES AND MICRO LARYNGOSCOPES

Jako Micro-Laryngeal Instruments

BOVIE PENCIL HANDLE

With connecting cord.

40-1970 324 cm (10.6 ft)



SUCTION TUBE

Fully insulated with thumb-valve for controlled suction. Supplied with 10 ft (305 cm) Bovie Cord and plug (507046). Working length 22 cm.

40-7045 4 mm diameter (12 Fr.).



BOVIE CORD

For insulated suction.

40-704



40-7046

40-6662



40-6663

JAKO RIGID STEM INSTRUMENTS

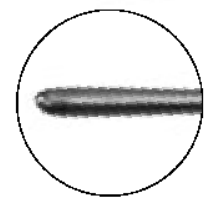
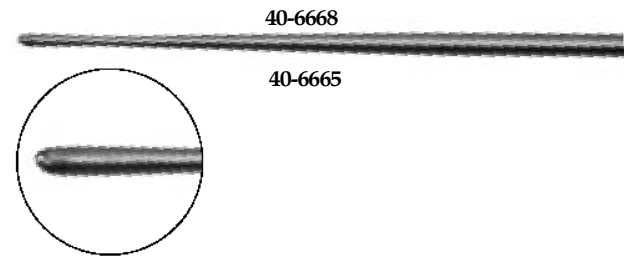
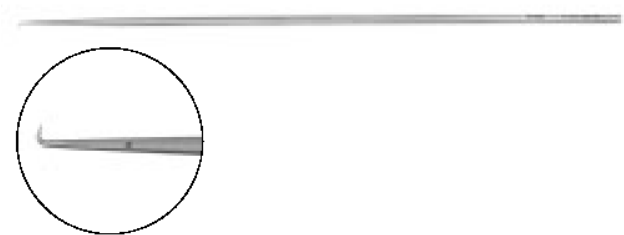
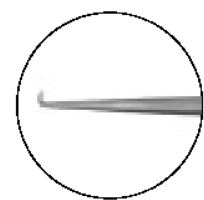
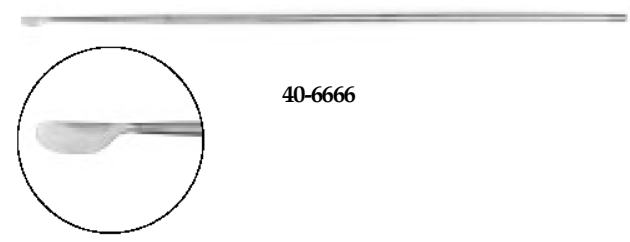
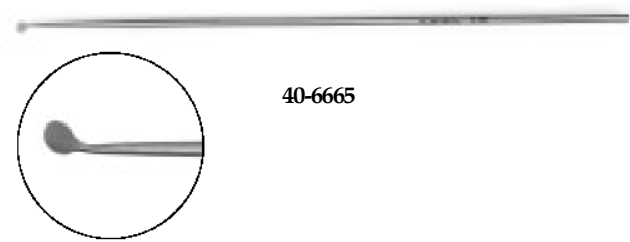
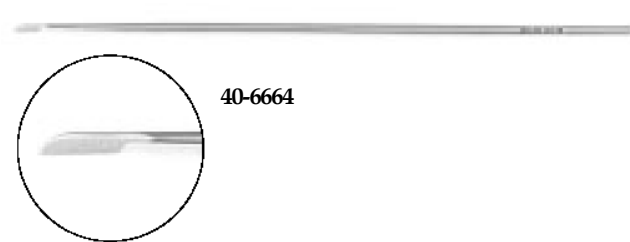
Dull finish to reduce glare. May be used with Jako Universal handle. Working length 26 cm.

40-6662 Jako Universal Handle

40-6663 Jako Sickle Knife, curved

(additional patterns continued on next page)

LARYNGEAL INSTRUMENTATION FOR
LARYNGOSCOPES AND MICRO LARYNGOSCOPES



JAKO RIGID STEM INSTRUMENTS *(continued)*
Dull finish to reduce glare. May be used with Jako Universal handle. Working length 26 cm.

40-6664 Jako Sickle Knife, straight

40-6665 Jako Circle Knife

40-6666 Jako Round Edge Knife

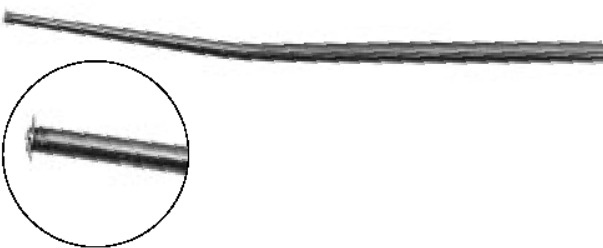
40-6667 Jako Sharp Hook, slight

40-6668 Jako Sharp Hook, acute

40-6669 Jako Probe, straight

40-6670 Jako Roller knife

40-6673 Jako Blunt Angled Probe



LARYNGEAL INSTRUMENTATION FOR LARYNGOSCOPES AND MICRO LARYNGOSCOPES



40-4075



Jako Micro-Laryngeal Instruments (continued)

JAKO TRANSILLUMINATOR

For transillumination of the vocal cords to aid in the inspection of the vocal cord edges for small surface changes. Slim, reverse curved fiberoptic tube.

40-4075 Working length 25 cm

40-8230



JAKO MIRROR

For minor examination of the undersurface of the vocal cords.

40-8230 26 cm

40-7120



JAKO FINE SUCTION TUBES

40-7120 No. 00, 5 Fr. 23 cm working length

40-7121 No. 0, 6 Fr. 23 cm working length

40-7122 No. 1, 7 Fr. 23 cm working length

40-7122



40-6751



FINE SPONGE CARRIER

40-6751 Working length 26 cm



40-6480

JAKO KNOT PUSHER

40-6480 Working length 23 cm

40-6485



STRONG SUCTION IRRIGATOR

For washing dyed vocal cords with saline.

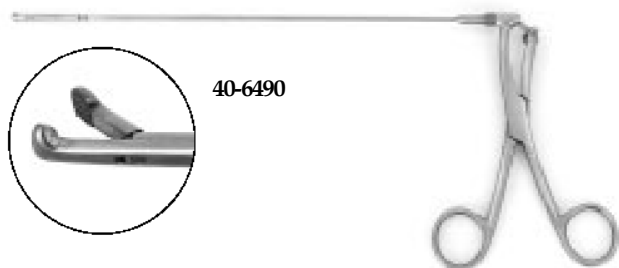
40-6485 23 cm

LARYNGEAL INSTRUMENTATION FOR LARYNGOSCOPES AND MICRO LARYNGOSCOPES

Jako Micro-Laryngeal Instruments (continued)

JAKO LARYNGEAL NEEDLE HOLDER

40-6490 Working length 25 cm



Feder-Ossoff Microlaryngeal Precision Instruments for Phonosurgery

FEDER-OSSOFF PHONOSURGERY SET

These instruments were designed specifically for micro-laryngeal procedures to retain, restore, or improve voice quality. Ideal for use in delicate mucosal microflap dissection techniques.

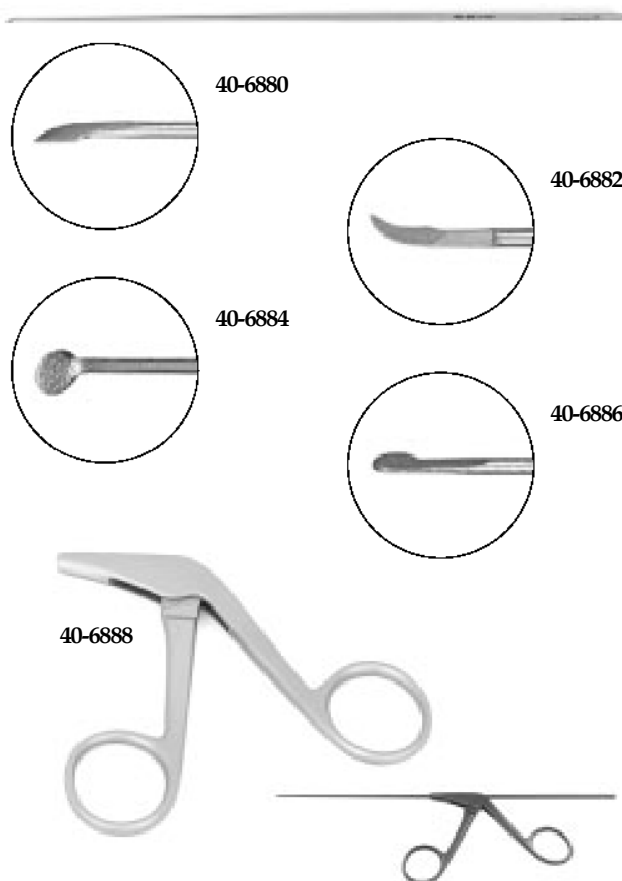
- Delicate Mayo blades on scissors
- Matte "laser" finish
- Angled handles and slender diameter shafts
- Universal ring handle for knives and probes
- 23 to 27 cm working length
- Much smaller than Jako-Kleinsasser
- Durable storage and sterilization tray

40-6800 28 items, 40-6802 through 40-6890
(does not include 40-6884 or 40-6886)

KNIVES AND KNIFE HANDLE

All knives have 27 cm maximum working length, 3.2 mm – 1 mm tapered shaft. Working length is measured from front portion of handle to tip of instrument.

- 40-6880 Straight sickle, 3 mm blade
- 40-6882 Curved sickle, 3 mm blade
- 40-6884 Phono circle knife, 3 mm blade, (optional only)
- 40-6886 Phono knife round, 1.5 mm blade, (optional only)
- 40-6888 Universal ring handled knife handle with camlock



*Shown with probe inserted into handle.
Knives and probes can be set to any
angle or depth relative to the handle.*

LARYNGEAL INSTRUMENTATION FOR LARYNGOSCOPES AND MICRO LARYNGOSCOPES



40-6830



40-6832



40-6842



40-6844

PROBE/ELEVATORS

These probe/elevators allow for sharp and blunt dissection and elevating of tissue. All probes fit into the camlock handle

40-6830 30° angle, blunt

40-6832 60° angle, blunt

40-6842 30° angle, sharp

40-6844 60° angle, sharp



40-6856



40-6860



40-6858



40-6862



40-6864

FEDER-OSSOFF MICRO-LARYNGEAL FORCEPS

This series of forceps includes both alligator grasping jaw and cup biopsy jaws. The grasping forceps provide secure hold for delicate traction. The round cups provide a sharp, smooth cutting surface for precise biopsies. All forceps have matte "laser" finish and shafts that taper from 2.0 mm to 0.5 mm.

Double action grasping forceps with coarsely serrated jaws and a suction channel. The 1.0 mm suction channel has a Luer-Lok proximal fitting and extends to 6.5 mm from distal end.

Grasping forceps finely serrated jaws, 1.1 mm wide tapering to 0.6 mm, 4.0 mm long, working length 23 cm.

Cup forceps round biopsy cups with 1.0 mm jaw, working length 23 cm.

40-6856 Grasping Forceps, double action, straight, with suction

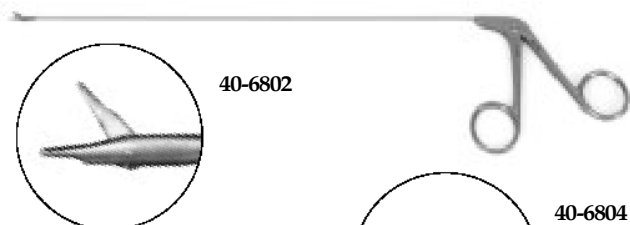
40-6858 Grasping Forceps, angled up

40-6860 Grasping Forceps, straight

40-6862 Cup Biopsy, 1 mm, straight

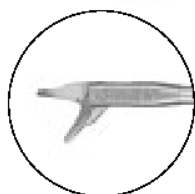
40-6864 Cup Biopsy, 1 mm, up angled

LARYNGEAL INSTRUMENTATION FOR LARYNGOSCOPES AND MICRO LARYNGOSCOPES



40-6802

FEDER-OSSOFF MICRO-LARYNGEAL SCISSORS
All blunt scissors have Mayo type dissecting blades tapering to a 1 mm tip. All scissors 23 cm working length, 2 mm diameter shaft, 5° bend at handle.



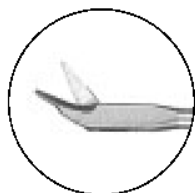
40-6804

Blunt Scissors

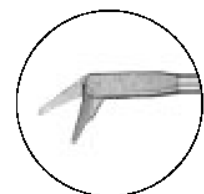
- 40-6802 Straight blades, vertical action
- 40-6804 Curved blades, horizontal action, open left
- 40-6806 Curved blades, horizontal action, open right
- 40-6808 Angled up, vertical action
- 40-6810 Angled down, vertical action
- 40-6822 Angled up, double action



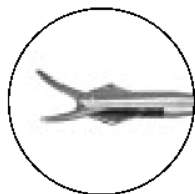
40-6806



40-6808



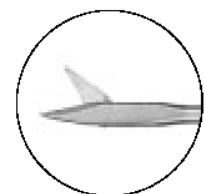
40-6810



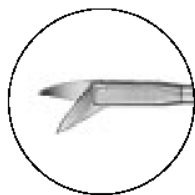
40-6822

Sharp Scissors

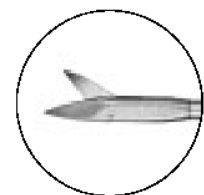
- 40-6812 Straight blades, vertical action
- 40-6814 Curved blades, horizontal action, open left
- 40-6816 Curved blades, horizontal action, open right
- 40-6818 Angled up, vertical action
- 40-6820 Angled down, vertical action
- 40-6824 Double action



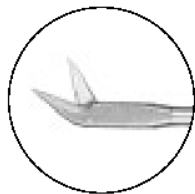
40-6812



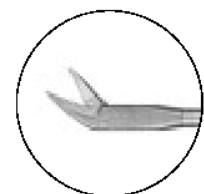
40-6814



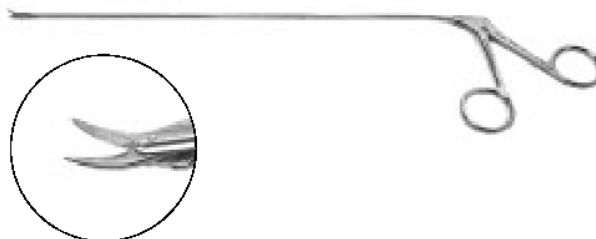
40-6816



40-6818



40-6820



LARYNGEAL INSTRUMENTATION FOR LARYNGOSCOPES AND MICRO LARYNGOSCOPES

Feder-Ossoff Microlaryngeal Precision Instruments for Phonosurgery (continued)

SUCTIONS

23 cm working length, with thumb control, laser finish.

40-6870 3 Fr. diameter

40-6872 5 Fr. diameter

40-6874 7 Fr. diameter

40-6874



FEDER-OSSOFF PHONOSURGERY

INSTRUMENT STERILIZING TRAY

With individual instrument housing. The tray is a durable construction, protecting the delicate instruments. This tray may be stacked for storage and withstands flash autoclaving. It also withstands temperature of multiple cycles of steam sterilization, ethylene oxide sterilization, and gamma radiation, chemical cold sterilizing agents, disinfectants and germicides.

40-6890 Inside dimensions: 11 3/4" (29.8 cm) x
15 1/4" (38.7 cm) x 3" (7.6 cm) at handles

40-6890

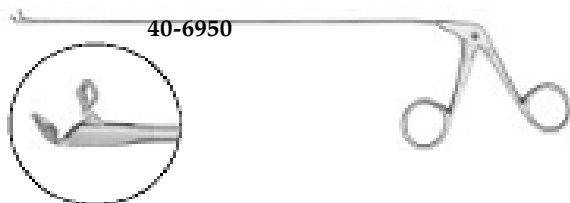


MICRO-LARYNGEAL FORCEPS

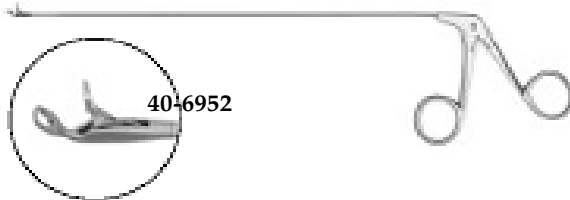
The serrated triangular jaw allows for a larger surface area of tissue to be grasped within the 3 mm wide tips. These forceps have 23 cm working length and have a non-reflective finish for use with lasers.

Jaws are uniquely angled and fenestrated to better grasp along the longitudinal surface of the respective chord, 2.75 mm wide triangular jaw, serrated jaw, 2 mm shaft. Fits adult laryngoscopes without interfering with microscope, 5° bend at the handle. Non-reflective finish, can be used in laser surgery.

40-6950



40-6952

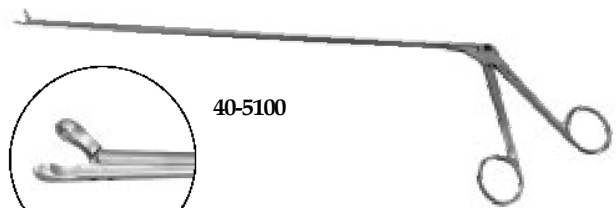


40-6950 Triangular fenestrated, serrated jaw forceps, right,
23 cm working length

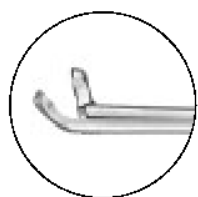
40-6952 Triangular fenestrated, serrated jaw forceps, left,
23 cm working length

LARYNGEAL INSTRUMENTATION FOR LARYNGOSCOPES AND MICRO LARYNGOSCOPES

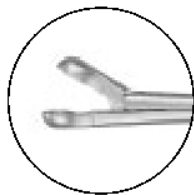
Laryngeal Instrumentation



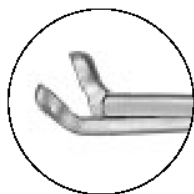
40-5100



40-5104



40-5102



40-5106

JACKSON CUP FORCEPS

Jackson Forceps come in standard and extra lightweight construction that provides durability and strength. The jaw size, shape, and angle are specially calculated for use through Jackson scopes.

Standard, Medium Lightweight

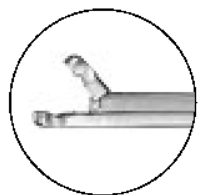
- 40-5100 Straight, 4 mm diameter jaw, 28 cm working length
- 40-5102 Straight, 6 mm diameter jaw, 28 cm working length
- 40-5104 Angular, 4 mm diameter jaw, 28 cm working length
- 40-5106 Angular, 6 mm diameter jaw, 28 cm working length

Extra Lightweight

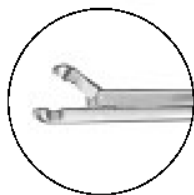
- 40-5110 Straight, 2 mm diameter jaw, 20 cm working length
- 40-5112 Straight, 2 mm diameter jaw, 28 cm working length
- 40-5114 Angular, 2 mm diameter jaw, 20 cm working length
- 40-5116 Angular, 2 mm diameter jaw, 28 cm working length



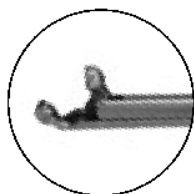
40-5114



40-5112



40-5110



40-5116

LARYNGEAL INSTRUMENTATION FOR LARYNGOSCOPES AND MICRO LARYNGOSCOPES

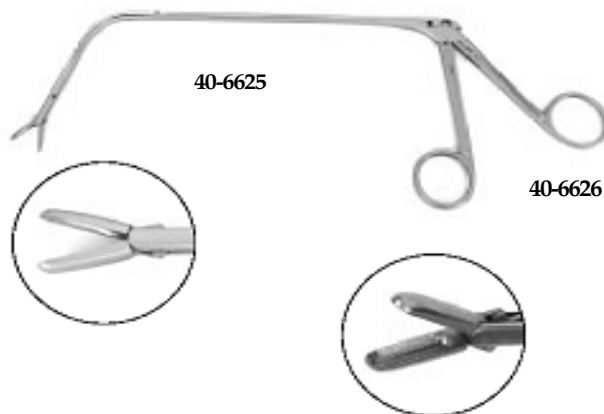
Laryngeal Instrumentation *(continued)*

JURASZ INDIRECT LARYNGEAL FORCEPS

Double action forceps with oval shaped cutting edge jaws.

40-6625 Forward-backward biting, 21 cm working length

40-6626 Side-to-side biting, 21 cm working length

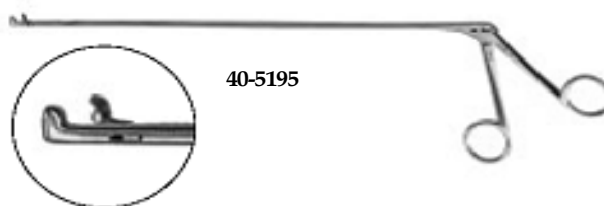


LORE SUBGLOTTIC SPECIMEN AND TISSUE FORCEPS

Jaws angled 90° upward, and open to the right or left.

40-5195 Open to right, 6 mm length jaw,
28 cm working length

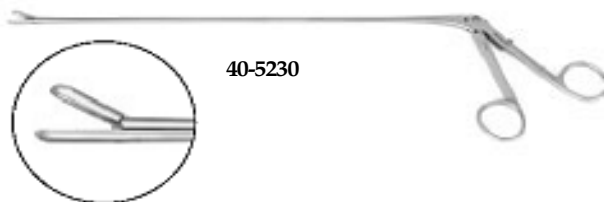
40-5196 Open to left, 6 mm length jaw,
28 cm working length



PATTERSON ELONGATED CUP BITING SPECIMEN AND TISSUE FORCEPS

40-5230 Regular, 4 mm width jaw, 28 cm working length

40-5233 Delicate, 2.5 mm width jaw, 20 cm working
length



JACKSON SQUARE PUNCH SPECIMEN FORCEPS

A basket is built into lower blade to hold excised tissue.

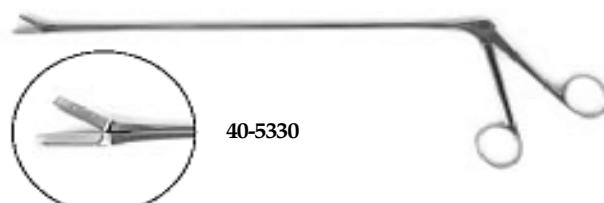
40-5310 Standard, 6 mm diameter jaw,
26 cm working length



HOLINGER SPECIMEN AND TISSUE FORCEPS

Cutting jaws with rounded tip and basket designed to hold specimen. Cutting edges extend the full length of the jaw to permit clean, complete removal of specimen.

40-5330 7 mm diameter jaw, 28 cm working length



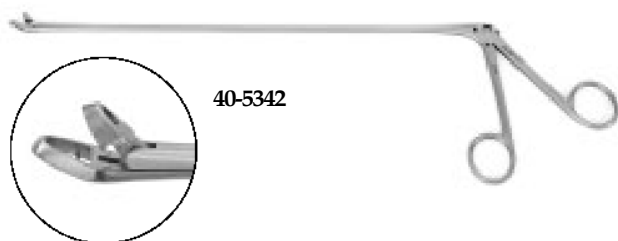
LARYNGEAL INSTRUMENTATION FOR LARYNGOSCOPES AND MICRO LARYNGOSCOPES

Laryngeal Instrumentation

JACKSON TRIANGULAR PUNCH SPECIMEN AND TISSUE FORCEPS

Shear type forceps remove a piece of tissue approximately 3.5 mm x 7 mm. Will pass through laryngoscope 10 mm or larger.

40-5342 Angular jaws, 26 cm working length



JACKSON ALLIGATOR GRASPING FORCEPS

40-5400 Standard, deep serrated and grooved jaws,

4 mm wide by 22 mm long, 28 cm working length

40-5420 Small, finely serrated jaws taper from

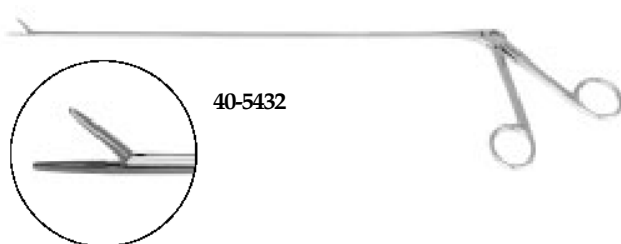
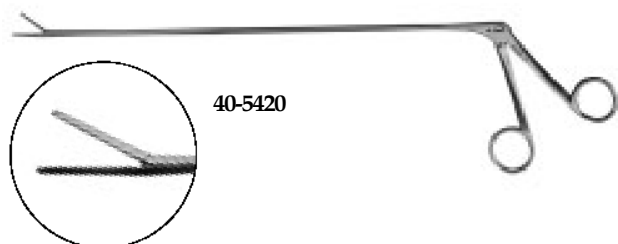
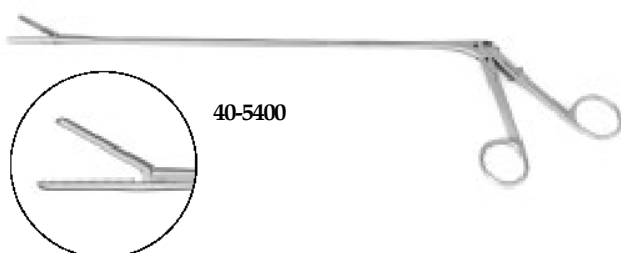
3 mm to 1.5 mm width, 13 mm long,

30 cm working length

40-5432 Extra delicate, designed for use through the

smallest laryngoscopes, jaw 2 mm wide by

12 mm long, 30 cm working length

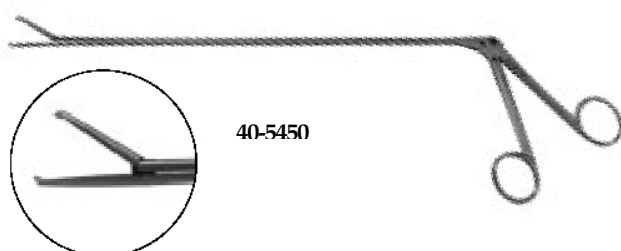


JACKSON ROTATION FORCEPS

Serrated jaws terminate in sharp teeth.

40-5450 Standard, jaws 4 mm wide by 20 mm long,
large strong teeth, 28 cm working length

40-5462 Delicate-light, jaws 2 mm wide by 10 mm long,
small sharp 1 x 1 teeth, 30 cm working length



LARYNGEAL INSTRUMENTATION FOR LARYNGOSCOPES AND MICRO LARYNGOSCOPES

Laryngeal Scissors

HOLINGER CURVED SCISSORS

These scissors may be used for dissecting or actual tissue resection and were designed for use in the intralaryngeal arytenoidectomy procedure.

40-5600 Curved right, 24 cm working length

40-5601 Curved left, 24 cm working length

JACKSON LARYNGEAL SCISSORS

40-5605 Straight, 20 cm long blades, working length 28 cm

40-5608 Curved left, 20 mm long blades, working length 28 cm

Laryngeal Aspirating Tubes

SAMSON-DAVIS INFANT

TRACHEOBRONCHIAL TUBE

Designed for use through a laryngoscope to aspirate the infant or newborn.

40-7115 2.7 mm diameter (8 Fr.) with soft rubber tip to prevent damage, 27 cm working length with thumb-valve control

OSSOFF-KARLAN MICRO SUCTION TUBE

Micro suction tube with thumb-valve control. Ebonized for laser surgery.

40-9204 2.3 mm diameter (7 Fr.), 7.5" (21.5 cm) working length

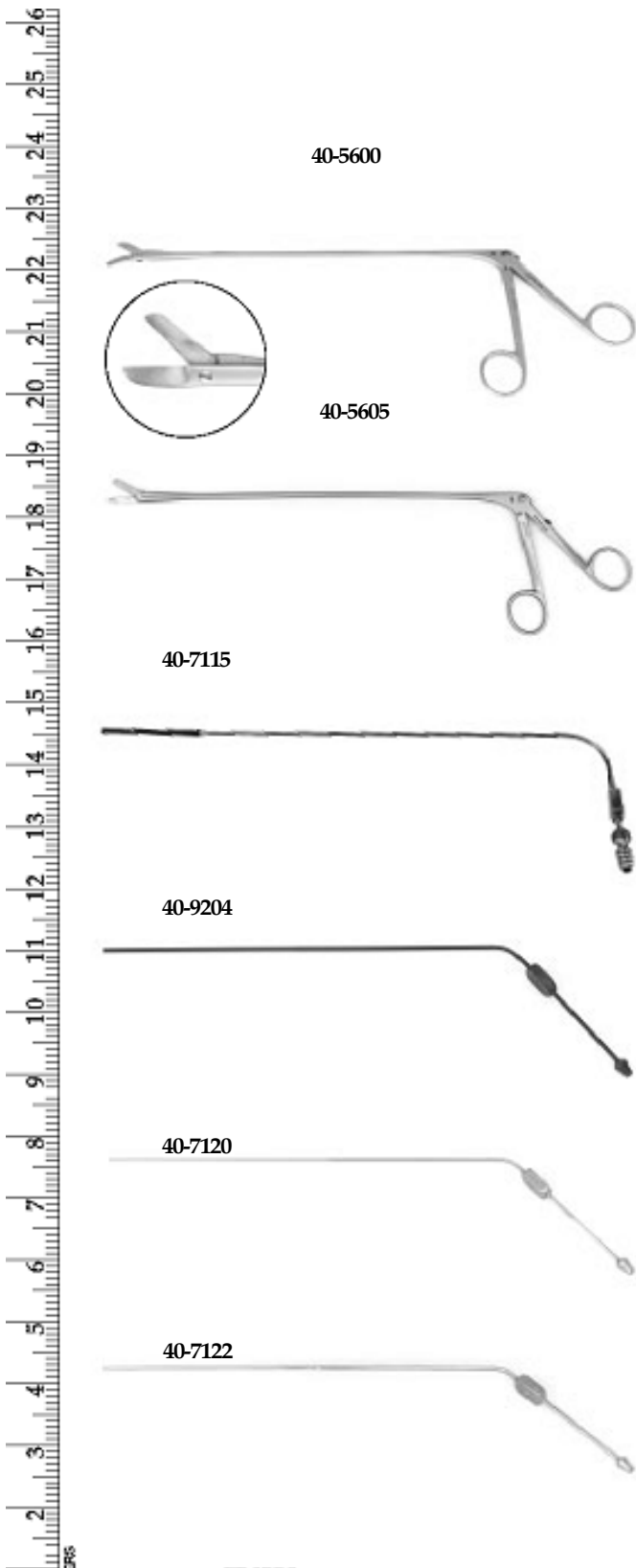
JAKO FINE SUCTION TUBES

Specially designed with thumb control.

40-7120 No. 00, 5 Fr. 23 cm working length

40-7121 No. 0, 6 Fr. 23 cm working length

40-7122 No. 1, 7 Fr. 23 cm working length



LARYNGEAL INSTRUMENTATION FOR

LARYNGOSCOPES AND MICRO LARYNGOSCOPES

Laryngeal Aspirating Tubes *(continued)*

40-9012

40-9013

40-7010

40-7030

40-9014

40-7060

40-7065

JAKO ASPIRATING TUBES

40-9012 "Velvet Eye," smooth oval shaped opening on each side of distal tip with a closed, blunt end, 3 mm diameter (9 Fr.), 20 cm working length

40-9013 Open end, 3 mm diameter (9 Fr.), 15 cm working length

JACKSON ASPIRATING TUBES

40-7010 Open end, 4 mm diameter (12 Fr.), 20 cm working length

40-7030 "Velvet Eye", smooth oval shaped opening on each side of distal tip with a closed, blunt end, 4 mm diameter (12 Fr.), 20 cm working length

ASPIRATING TUBE CLIP

40-9014 For attaching up to 3 mm (9 Fr.) aspirating tube to laryngoscope

THUMB VALVE CONTROL ASPIRATING TUBES

For tracheal aspiration.

40-7060 3 mm diameter (9 Fr.), 20 cm working length

40-7065 4 mm diameter (12 Fr.), 35 cm working length



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