



SH MEDEXPERTS
BY SILKY HORIZON

ENT INSTRUMENTS

CATALOGUE

World-Class High Quality



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 OFFICE NO.1 FIRST FLOOR, MUZAFFAR CHAMBER BLUE AREA ISLAMABAD, PAKISTAN

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SH MEDEXPERTS

SURGICAL INSTRUMENTS

Quality that Build Confidence



SH Medexperts have been provided to surgeons across the world to help improve the standard of patient care. The SH Medexperts Brand is especially known globally in the CVT and ENT specialties with numerous proprietary instruments co-developed with leading surgeons in these fields.

Today, SH Medexperts upholds its tradition of delivering high-quality, hand-crafted instruments designed to meet the precise needs of surgeons.

Over the years, the SH Medexperts Brand has maintained high standards of quality and continues to emphasize customer service and satisfaction. As surgical procedural needs change, specialty surgeons can count on SH Medexperts Branded instruments to meet their new requirements.



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INSTRUMENTATION SERVICES

In addition to providing our customers with a comprehensive product line of surgical instruments,

SH Medexperts also offers the following services:

- Custom Instruments Service
- Complimentary Instrument Etching
- Special Instrument Finishes

For more information on these services, please contact your A Surgitronix Sales Specialist or customer service at **+92-310-7770441**



SH MEDEXPERTS INSTURCTIONS



SCALES AND GAUGES


SH MEDEXPERTS

BY SILKY HORIZON

CONVERSION SCALE

TO CONVERT FROM	TO	MULTIPLY BY
Ounces (AVDP.)	Grams	28.349523
Ounces (APOTH.)	Grams	31.103486
Grains	Grams	0.06479891
Pounds (AVDP.)	Kilograms	0.45359237
Inches	Centimeters	2.54
Feet	Meters	0.3048
Yards	Meters	0.9144
Ounces (U.S. Fluid)	Cubic Centimeters	29.573730
Ounces (British Fluid)	Cubic Centimeters	28.41305
Quarts (U.S. Fluid)	Liters	0.9463264
Cubic Inches	Cubic Centimeters	16.387064
Grams	Grains	15.432358
Grams	Ounces (AVDP.)	0.35273962
Grams	Ounces (APOTH.)	0.32150737
Kilograms	Pounds (AVDP.)	2.2046226
Millimeters	Inches	0.039370079
Centimeters	Inches	0.39370079
Meters	Feet	3.2808399
Cubic Centimeters	Cubic Inches	0.61023744
Cubic Centimeters (Fluid)	Ounces (U.S. Fluid)	0.33814023
Liters	Quarts (U.S. Fluid)	1.056718

FAHRENHEIT AND CENTIGRADE SCALES

F°	C°
500	260
401	205
392	200
383	195
374	190
356	180
347	175
338	170
329	165
320	160
311	155
302	150
284	140
275	135
266	130
248	120
239	115
230	110
212	100
203	95
194	90
176	80
167	75
140	60
122	50
113	45
105	40.56
104	40
100	37.8
98.5	36.9
95	35
86	30
77	25
68	20
50	10
41	5
32	0
23	-5
14	-10
+5	-15
-4	-20
-13	-25
-22	-30
-40	-40
-76	-60

SCALES AND GAUGES



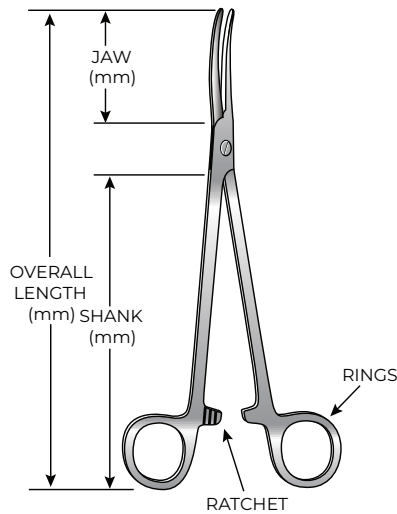
COMPARATIVE SCALES OR GAUGES

DIAMETERS IN MILLIMETERS	AMERICAN	FRENCH	ENGLISH
1/3		1	
1/2	1		
2/3		2	
1	2	3	
1-1/3		4	
1-1/2	3		
1-2/3		5	
2	4	6	
2-1/3		7	1
2-1/2	5		
2-2/3		8	2
3	6	9	3
3-1/3		10	
3-1/2	7		
3-2/3		11	4
4	8	12	5
4-1/3		13	
4-1/2	9		
4-2/3		14	
5	10	15	6
5-1/3		16	7
5-1/2	11		
5-2/3		17	8
6	12	18	9
6-1/3		19	10
6-1/2	13		
6-2/3		20	11

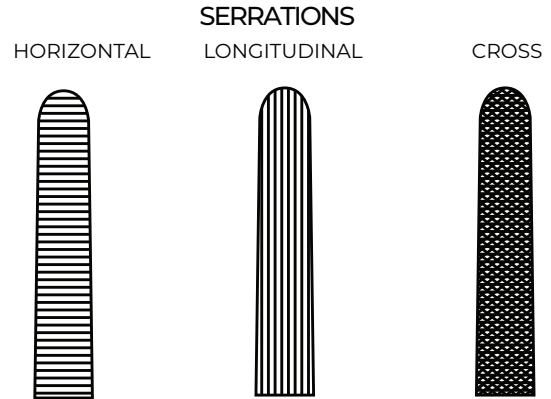
DIAMETERS IN MILLIMETERS	AMERICAN	FRENCH	ENGLISH
7	14	21	
7-1/3		22	12
7-1/2	15		
7-2/3		23	13
8	16	24	
8-1/3		25	14
8-1/2	17		
8-2/3		26	15
9	18	27	16
9-1/3		28	17
9-1/2	19		
9-2/3		29	
10	20	30	18
10-1/3		31	19
10-1/2	21		
10-2/3		32	20
11	22	33	21
11-1/3		34	22
11-1/2	23		
11-2/3		35	23
12	24	36	24
12-1/3		37	25
12-1/2	25		
12-2/3		38	26
13	26	39	27
13-1/3		40	28

MEASURING GUIDELINES AND COMMON JAW PATTERNS OF SURGICAL INSTRUMENTS

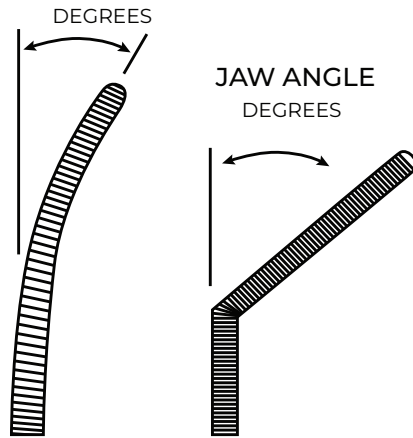
High quality, handcrafted instrument measurements will vary slightly. Instruments in this catalog are stainless steel unless otherwise noted.



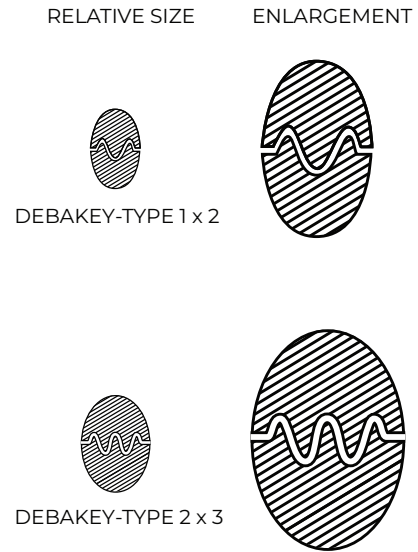
COMMON JAW SURFACES FOUND ON HEMOSTATS AND CLAMPS



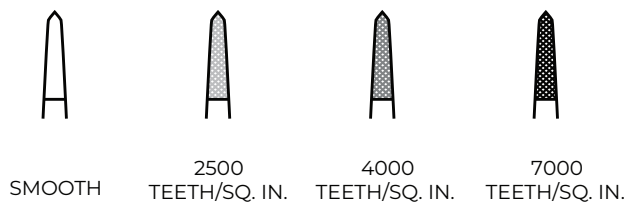
JAW CURVATURE



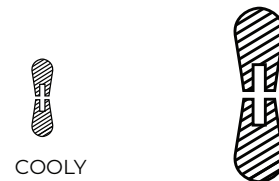
JAW CROSS SECTIONS



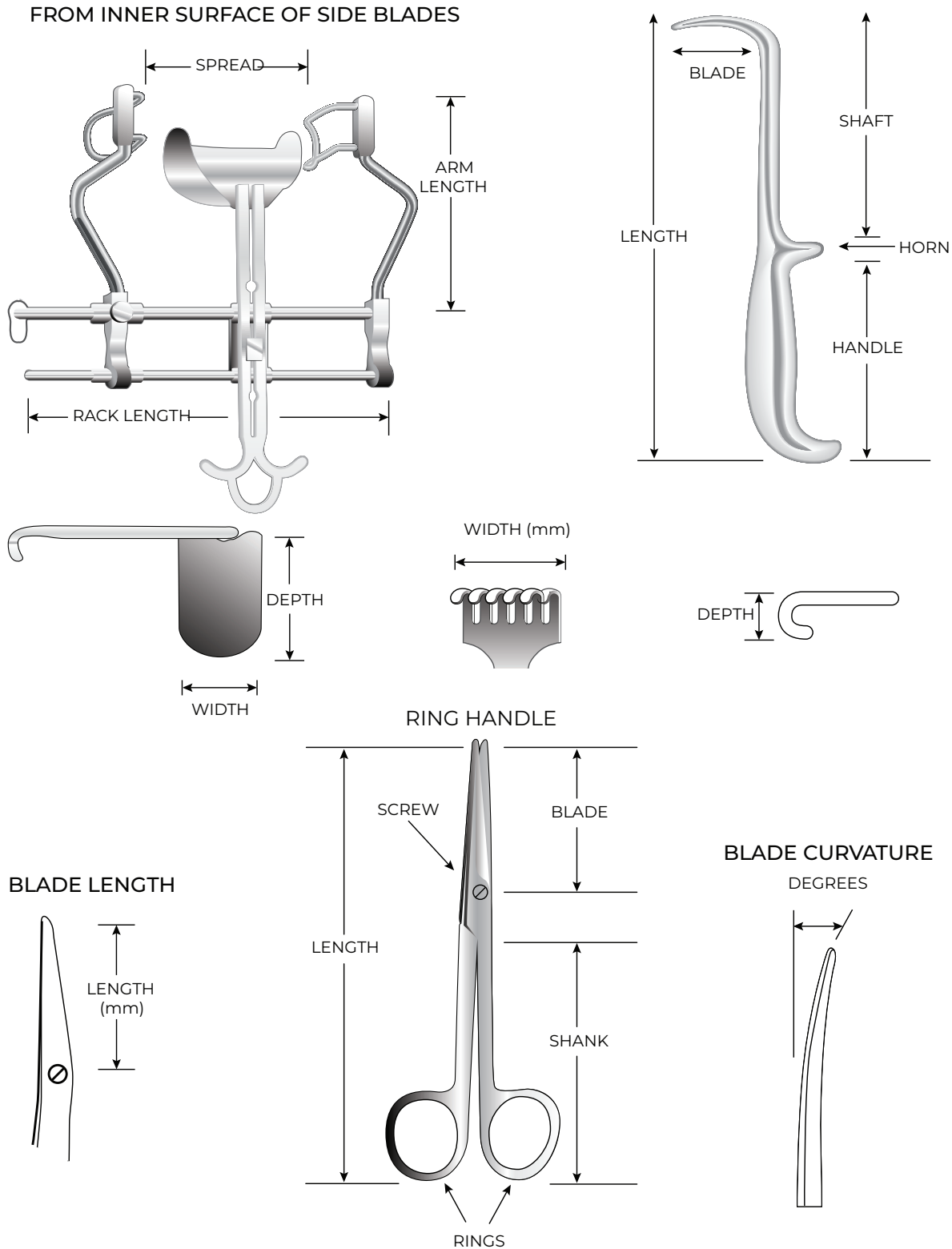
COMMON SURFACES FOUND ON NEEDLE HOLDERS WITH TUNGSTEN CARBIDE INSERTS



DEBAKEY-TYPE 2 x 3



SH MEDEXPERTS INSTURCTIONS





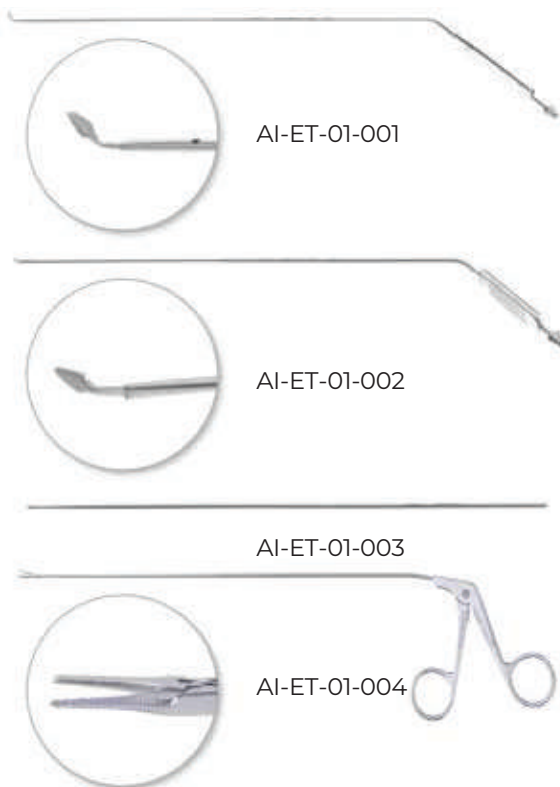
SUBGLOTTISCOPE

Laser Subglottiscope Instrumentation



SH MEDEXPERTS
BY SILKY HORIZON

MICROSUBGLOTTIC INSTRUMENTS



Designed for laser microsurgery of the entire subglottic space and upper cervical trachea, this instrumentation includes forceps, probe, mirror and platform (all 28 cm in length and laser finished).

CATALOG #	DESCRIPTION
AI-ET-01-001	Operating platform, 3 mm
AI-ET-01-002	Front surface mirror, 3 mm
AI-ET-01-003	Straight probe
AI-ET-01-004	Grasping forceps, straight

LARYNGOSCOPES

Laryngoscope Holders



BOSTON UNIVERSITY SYSTEM PIVOTING EXTENSION ARM ASSEMBLY



AI-ET-01-005

CATALOG #	DESCRIPTION
AI-ET-01-005	BU Pivoting Extension Arm Assembly, overall length 10" (25.5 cm)

BOSTON UNIVERSITY SYSTEM LARYNGOSCOPE HANDLE



AI-ET-01-006

CATALOG #	DESCRIPTION
AI-ET-01-006	BU System Laryngoscope Handle, 2-1/2" (6.5 cm)

DEDO TABLE-MOUNTED MAYO TRAY



AI-ET-01-007

The Dedo Table-Mounted Mayo Tray System is used to support the standard Laryngoscope Holder (502248/502245). 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.

CATALOG #	DESCRIPTION
AI-ET-01-007	Complete system: Tray Detachable Sliding Bars and Clamps Upright Rod Table Clamp (163100)

LARYNGOSCOPES

Laryngoscope Holders



NEW TOBEY LARYNGOSCOPE HOLDER

(MOST POPULAR)



AI-ET-01-008

The Tobey Laryngoscope Holder is the newest version of Laryngoscope holders. It has a quick attach/release mechanism that provides a secure hold of your laryngoscope. The Tobey eliminates the twisting and turning necessary to lock the laryngoscope into the holder. It allows for fine adjustments using the size adjustment knob for different laryngoscope handles.

CATALOG #	DESCRIPTION
AI-ET-01-008	Tobey Laryngoscope Holder

LARYNGOSCOPE HOLDER



AI-ET-01-009

for instrumentation and allows the operator to have both hands free laryngoscope for exposure of the anterior commissure. Manually operated gear supplies leverage to the or detach from the handle of most laryngoscopes. The external chest bar and rod easily attach to

CATALOG #	DESCRIPTION
AI-ET-01-009	Laryngoscope Holder, Improved Model (Laryngoscope is not included)

TABLE CLAMP



AI-ET-01-009

CATALOG #	DESCRIPTION
AI-ET-01-009	Clamp for Dedo Mayo Tray (502265) and Boston University Suspension System (502260)

LARYNGOSCOPES

Venturi Anesthesia Devices



VENTURI ADAPTERS FOR BRONCHOSCOPES AND LARYNGOSCOPES



AI-ET-01-011



AI-ET-01-012

Flow and pressure characteristics vary greatly according to the design of the bronchoscope or laryngoscope and any new combination should be studied carefully before clinical use. Note: The Sanders Venturi System can be used only with tapered scopes.

CATALOG #	DESCRIPTION
AI-ET-01-011	Albert-Sanders Venturi Adapter for laryngoscopes
AI-ET-01-012	Sanders Venturi Adapter for Bronchoscope 15 mm sidearm

TYGON TUBING WITH LUER-LOK CONNECTOR



AI-ET-01-013

Used in conjunction with Luer-Lok connector 502599 to fit into toggle valve. The bare end of the tubing connects to the Venturi Adapters for Bronchoscopes and Laryngoscopes, 502562 and 502566.

CATALOG #	DESCRIPTION
AI-ET-01-013	Adapter is 4 mm O.D. x 2.5 mm I.D.

LARYNGOSCOPES

Venturi Anesthesia Devices



SH MEDEXPERTS
BY SILKY HORIZON

VENTURI VENTILATING NEEDLES



AI-ET-01-014



AI-ET-01-015



AI-ET-01-016

CATALOG #	DESCRIPTION
AI-ET-01-014	Replacement needles for 522229 Abramson-Dedo Micro-Laryngoscopes, 14 Ga., 5-3/8" (13.5 cm)
AI-ET-01-015	Replacement needles for 522244 and 522245 Ossoff Adult Subglottoscopes, 522242 Healy-Jako Pediatric Subglottiscope and 522229 Abramson-Dedo Micro-Laryngoscope, 14 Ga. bent 90 degrees, 4" (10 cm)
AI-ET-01-016	Micro-Laryngoscope, blunt, 14 Ga., 12" (30.5 cm) Replacement needles for 522229 Abramson-Dedo

REPLACEMENT LUER-LOK HUB ADAPTER



AI-ET-01-017

CATALOG #	DESCRIPTION
AI-ET-01-017	Needle Luer-Lok to Sanders Tubing, 1-1/8" (3 cm)

REPLACEMENT CLIPS



AI-ET-01-018

CATALOG #	DESCRIPTION
AI-ET-01-018	For securing Venturi Ventilating Needles, 5/8" (1.5 cm)

INSTRUMENTATION FOR LARYNGOSCOPES

Forceps



LARYNGEAL INSTRUMENTATION FOR LARYNGOSCOPES AND MICROLARYNGOSCOPES

Laryngeal Instruments are designed in conjunction with leading otolaryngology surgeons. These instruments can be utilized for both Laryngoscopy and Micro-Laryngoscopy. Surgeons continue to provide feedback for new designs and modifications as procedural changes occur.

JACKSON CROSS ACTION FORCEPS



AI-ET-01-019

For anesthetizing the larynx by blocking the superior laryngeal nerves. Stainless steel.

CATALOG #	DESCRIPTION
AI-ET-01-019	24 cm length from proximal end of handle to curve

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.

JACKSON LARYNGEAL CUP FORCEPS - STANDARD LIGHTWEIGHT 4 AND 6 MM CUPS



AI-ET-01-020

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.

CATALOG #	DESCRIPTION
AI-ET-01-020	Straight, 4 mm diameter jaw, working length 28 cm
AI-ET-01-021	Straight, 6 mm diameter jaw, working length 28 cm
AI-ET-01-022	Angled, 4 mm diameter jaw, working length 28 cm
AI-ET-01-023	Angled, 6 mm diameter jaw, working length 28 cm

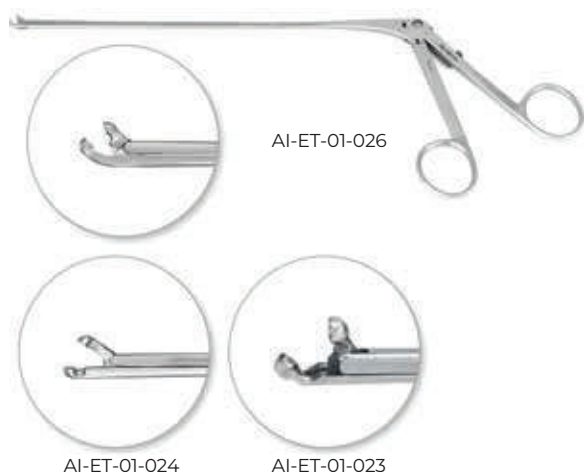
AI-ET-01-023

INSTRUMENTATION FOR LARYNGOSCOPES

Forceps



JACKSON LARYNGEAL CUP FORCEPS - EXTRA LIGHTWEIGHT 2 MM CUPS



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.

CATALOG #	DESCRIPTION
AI-ET-01-024	Straight, 2 mm diameter jaw, working length 20 cm
AI-ET-01-025	Straight, 2 mm diameter jaw, working length 28 cm
AI-ET-01-026	Angled, 2 mm diameter jaw, working length 20 cm
AI-ET-01-027	Angled, 2 mm diameter jaw, working length 28 cm

JACKSON TRIANGULAR PUNCH SPECIMEN AND TISSUE FORCEPS



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

CATALOG #	DESCRIPTION
AI-ET-01-028	Angled jaws, working length 11-1/8" (28.5 cm)



INSTRUMENTATION FOR LARYNGOSCOPES

Forceps



LORE SUBGLOTTIC SPECIMEN AND TISSUE FORCEPS



AI-ET-01-030

Jaws angled 90 degrees upward and open to the right or left. Working length 11-1/8" (28.5 cm).

CATALOG #	DESCRIPTION
AI-ET-01-029	Opens to right, 6 mm jaw
AI-ET-01-030	Opens to left, 6 mm jaw

PATTERSON ELONGATED CUP BITING FORCEPS



AI-ET-01-031

CATALOG #	DESCRIPTION
AI-ET-01-031	Regular, 4 mm width jaw, working length 11-1/8" (28.5 cm)

NORRIS SPONGE HOLDING FORCEPS



AI-ET-01-032

Bayonet-shaped, cross action forceps designed for use in mediastinoscopy. Straight distal portion of jaw is 16 cm long.

CATALOG #	DESCRIPTION
AI-ET-01-032	13-1/8" (33 cm)

INSTRUMENTATION FOR LARYNGOSCOPES

Suction Tubes



INSULATED CAUTERY SUCTION TUBE



AI-ET-01-033

With thumb-valve for controlled suction, 4 mm diameter, 12 Fr.

CATALOG #	DESCRIPTION
AI-ET-01-033	Working length 8-5/8" (22 cm), supplied with a 10 ft. Bovie cord and plug (507046)
AI-ET-01-034	10 ft. Bovie cord and plug with connection to fit insulated suction cautery tube. Cord only.

JACKSON OPEN END ASPIRATING TUBE



AI-ET-01-035

Aspirating Tubes, except in special designs, are constructed of stainless steel. They are measured in working length from distal tip to beginning of proximal curve or angle. Aspirating tubes should be 5 cm or 10 cm longer than the scope through which they are used.

CATALOG #	WORKING LENGTH	FOR USE THRU SCOPES	TUBE DIAMETER
AI-ET-01-035	20 cm	5.0 mm or larger	4 mm (12 Fr.)

JACKSON "VELVET-EYE" ASPIRATING TUBES



AI-ET-01-036

These tubes have a smooth, oval-shaped opening on each side of the distal tip and a closed, blunt end.

CATALOG #	WORKING LENGTH	FOR USE THRU SCOPES	TUBE DIAMETER
AI-ET-01-036	20 cm	5.0 mm or larger	4 mm (12 Fr.)

STRONG SUCTION IRRIGATOR



AI-ET-01-037

For washing dyed vocal cords with saline.

CATALOG #	DESCRIPTION
AI-ET-01-037	9" (23 cm)

INSTRUMENTATION FOR LARYNGOSCOPES

Micro-Laryngeal/Feder-Ossoff



FEDER-OSSOFF MICRO-LARYNGEAL GRASPING FORCEPS



AI-ET-01-038

Feder-Ossoff forceps include alligator grasping and cup biopsy jaws. All forceps have a matte laser finish and shafts that taper from 2 mm to 0.5 mm.

Double-action grasping forceps have aggressive serrated jaws for better holding and a suction channel with a LuerLok proximal fitting for smoke evacuation and improved visibility during laser procedures.

Grasping forceps have finely serrated jaws, 1.1 mm wide tapering to 0.6 mm, 4 mm long and a working length of 23 cm.

Delicate biopsy cup forceps have a 1 mm jaw with a working length of 23 cm.



AI-ET-01-039



AI-ET-01-041



AI-ET-01-041



AI-ET-01-042

CATALOG #	DESCRIPTION
AI-ET-01-038	Grasping forceps, double action, straight, with suction
AI-ET-01-039	Grasping forceps, angled up
AI-ET-01-040	Grasping forceps, straight
AI-ET-01-041	Cup biopsy, 1 mm, straight
AI-ET-01-042	Cup biopsy, 1 mm, angled up

INSTRUMENTATION FOR LARYNGOSCOPES

Micro-Laryngeal/Feder-Ossoff

FEDER-OSSOFF MICRO-LARYNGEAL SCISSORS



Scissors are designed with blunt or sharp tips and come in a variety of patterns to enable easier access and better exposure. All scissors have a 23 cm working length, a 2 mm diameter shaft and a 5 degree bend at the handle for better exposure.

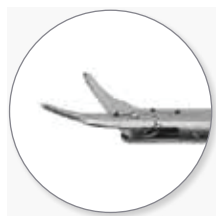
CATALOG #	DESCRIPTION
AI-ET-01-043	Blunt, straight blades, vertical action
AI-ET-01-044	Blunt, curved blades, horizontal action, open left
AI-ET-01-045	Blunt, curved blades, horizontal action, open right
AI-ET-01-046	Blunt, angled up, vertical action
AI-ET-01-047	Blunt, angled down, vertical action
AI-ET-01-048	Blunt, angled up, double action
AI-ET-01-049	Sharp, straight blades, vertical action
AI-ET-01-050	Sharp, curved blades, horizontal action, open left
AI-ET-01-051	Sharp, curved blades, horizontal action, open right
AI-ET-01-052	Sharp, angled up, vertical action
AI-ET-01-053	Sharp, angled down, vertical action
AI-ET-01-054	Sharp, double action



AI-ET-01-043



AI-ET-01-044



AI-ET-01-044



AI-ET-01-046



AI-ET-01-047



AI-ET-01-048



AI-ET-01-049



AI-ET-01-050



AI-ET-01-051



AI-ET-01-052



AI-ET-01-053



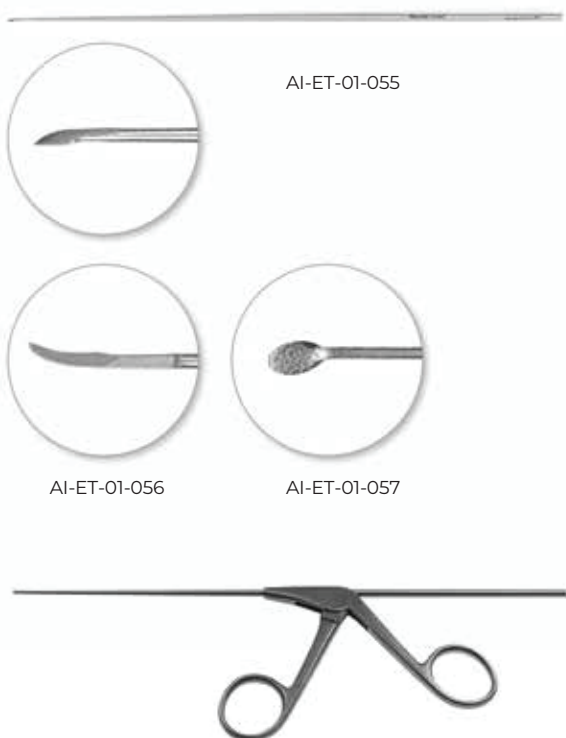
AI-ET-01-054

INSTRUMENTATION FOR LARYNGOSCOPES

Micro-Laryngeal/Feder-Ossoff



KNIVES AND KNIFE HANDLE



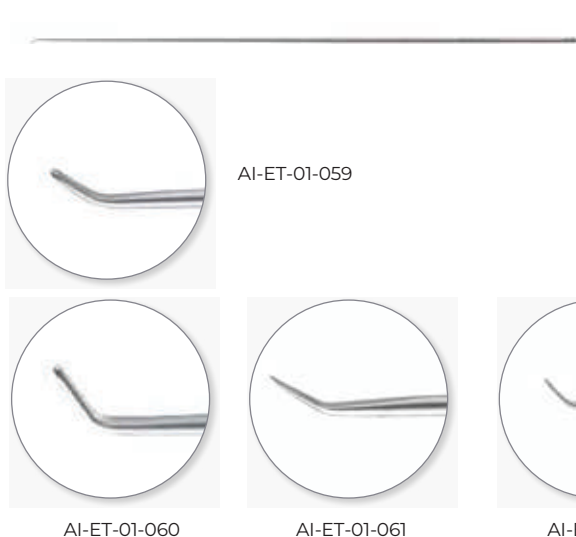
CATALOG #	DESCRIPTION
AI-ET-01-055	Straight sickle, 3 mm blade
AI-ET-01-056	Curved sickle, 3 mm blade
AI-ET-01-057	Phono circle knife, 3 mm blade
AI-ET-01-058	Universal ring handled knife handle with camlock



AI-ET-01-057

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

PROBE/ELEVATORS



These probe/elevators allow for sharp and blunt dissection and elevating of tissue. All probes fit into the Camlock Handle (506888). 27 cm working length.

CATALOG #	DESCRIPTION
AI-ET-01-059	30 degree angle, blunt
AI-ET-01-060	60 degree angle, blunt
AI-ET-01-061	30 degree angle, sharp
AI-ET-01-062	60 degree angle, sharp

AI-ET-01-060

AI-ET-01-061

AI-ET-01-062

INSTRUMENTATION FOR LARYNGOSCOPES

Micro-Laryngeal/Feder-Ossoff



SUCTIONS



AI-ET-01-064

23 cm working length with thumb control, laser finish.

CATALOG #	DESCRIPTION
AI-ET-01-063	3 Fr. diameter
AI-ET-01-064	5 Fr. diameter
AI-ET-01-065	7 Fr. diameter

FEDER-OSSOFF PHONOSURGERY INSTRUMENT TRAY



AI-ET-01-066

Has individual instrument housing. The tray is a durable construction, protecting the delicate instruments. This tray may be stacked for storage.

CATALOG #	DESCRIPTION
AI-ET-01-066	Inside dimensions: 11-3/4" x 15-1/4" x 3" (30 x 38.5 x 7.5 cm) at handles

INSTRUMENTATION FOR LARYNGOSCOPES

Micro-Laryngeal/Feder-Ossoff



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 a 23 cm working length and a non-reflective finish for use with lasers. Jaws are uniquely angled and fenestrated to better grasp along the longitudinal surface of the respective cord, 2.75 mm wide triangular jaw, serrated jaw, 2 mm shaft.

Fits adult laryngoscopes without interfering with micro-scope, 5 degree bend at the handle.

Non-reflective finish; can be used in laser surgery.

CATALOG #	DESCRIPTION
AI-ET-01-067	Triangular fenestrated, serrated jaw forceps, right, working length 9-1/4" (23.5 cm)
AI-ET-01-068	Triangular fenestrated, serrated jaw forceps, left, working length 9-1/4" (23.5 cm)

Micro-Laryngeal/Jako-Kleinsasser

JAKO-KLEINSASSER MICRO-LARYNGEAL CUP FORCEPS (MOST COMMON & ESSENTIAL)



These Micro-Laryngeal Cup Forceps were designed specifically for everyday-use micro-surgery. They feature slender 2 mm diameter stems with miniature distal jaws in the shape of cup forceps and are made of dull finished stainless steel to reduce glare. Stems are angulated (5 degree bend at handle) for unobstructed vision and all have a 22 cm working length.

CATALOG #	DESCRIPTION
AI-ET-01-069	Straight
AI-ET-01-070	Angled left
AI-ET-01-071	Angled right
AI-ET-01-072	Angled up
AI-ET-01-073	Oval, single action
AI-ET-01-074	Straight oval



AI-ET-01-070



AI-ET-01-071



AI-ET-01-072



AI-ET-01-073



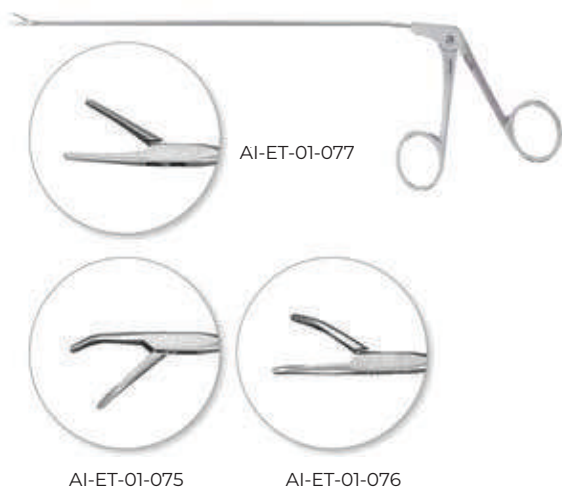
AI-ET-01-074

INSTRUMENTATION FOR LARYNGOSCOPES

Micro-Laryngeal/Jako-Kleinsasser



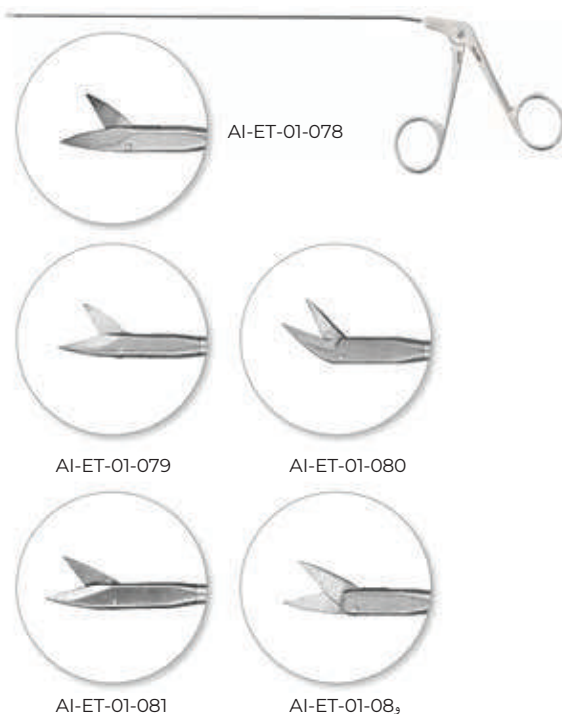
JAKO-KLEINSASSER MICRO-LARYNGEAL GRASPING FORCEPS



These Micro -Laryngeal Grasping Forceps were designed specifically for everyday-use micro-surgery. They feature slender 2 mm diameter stems with miniature distal jaws in the shape of grasping forceps and are made of dull finished stainless steel to reduce glare. Stems are angulated (5 degree bend at handle) for un obstructed vision and all have a 22 cm working length.

CATALOG #	DESCRIPTION
AI-ET-01-075	Curved left
AI-ET-01-076	Curved right
AI-ET-01-077	Straight, very fine serrated

JAKO-KLEINSASSER MICRO-LARYNGEAL SCISSORS



These Micro -Laryngeal Grasping Forceps were designed specifically for everyday-use micro-surgery. They feature slender 2 mm diameter stems with miniature distal jaws in the shape of grasping forceps and are made of dull finished stainless steel to reduce glare. Stems are angulated (5 degree bend at handle) for un obstructed vision and all have a 22 cm working length.

CATALOG #	DESCRIPTION
AI-ET-01-078	Curved left
AI-ET-01-079	Curved right
AI-ET-01-080	Angled up
AI-ET-01-081	Straight, vertical
AI-ET-01-082	Straight, horizontal

INSTRUMENTATION FOR LARYNGOSCOPES

Micro-Laryngeal/Jako



JACKSON LARYNGEAL SCISSORS



CATALOG #	DESCRIPTION
AI-ET-01-083	Straight, 7-7/8" (20 cm) long blades, working length 11-1/8" (28.5 cm)

JAKO COAGULATION PROBE



Will fit standard Bovie Pencil Handle.

CATALOG #	DESCRIPTION
AI-ET-01-084	Working length 8-1/4" (21 cm)

JAKO FINE BALL TIP HOOK



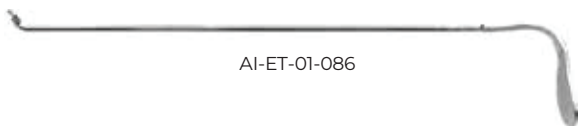
CATALOG #	DESCRIPTION
AI-ET-01-085	Right angle, 9" (23 cm)

INSTRUMENTATION FOR LARYNGOSCOPES

Micro-Laryngeal/Jako



JAKO MIRROR



For minor examination of the undersurface of the vocal cords.

CATALOG #	DESCRIPTION
AI-ET-01-086	Working length 8-1/4" (21 cm)

JAKO SICKLE KNIFE



CATALOG #	DESCRIPTION
AI-ET-01-087	10-1/4" (26 cm)

JAKO FINE SUCTION TUBES



Specially designed with thumb control.

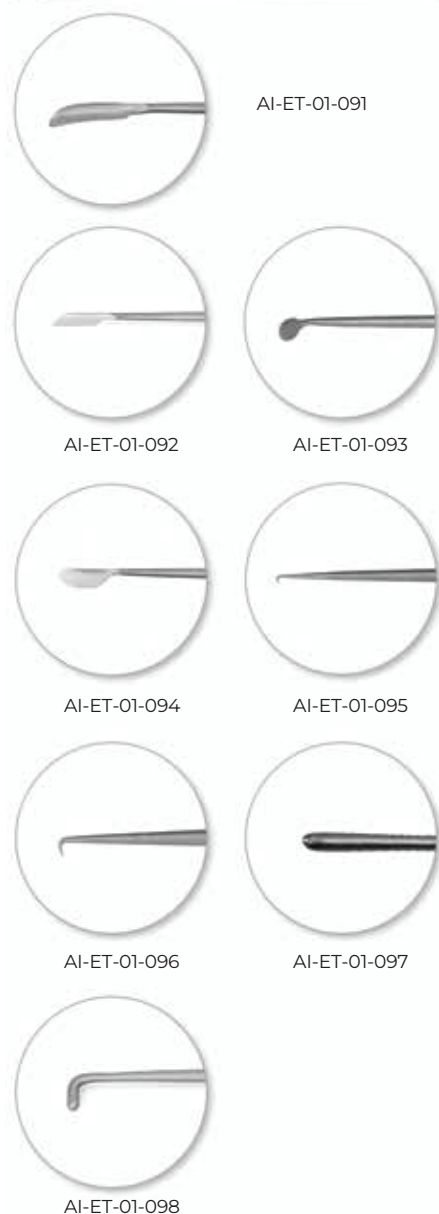
CATALOG #	DESCRIPTION
AI-ET-01-088	No. 00, 5 Fr., 23 cm working length
AI-ET-01-089	No. 0, 6 Fr., 23 cm working length
AI-ET-01-090	No. 1, 7 Fr., 23 cm working length

INSTRUMENTATION FOR LARYNGOSCOPES

Micro-Laryngeal/Jako



JAKO RIGID STEM INSTRUMENTS



Dull finish to reduce glare. May be used with 506888 Feder-Ossoff Universal Ring Handled Knife Handle (pg. 425). Working length 26 cm.

CATALOG #	DESCRIPTION
AI-ET-01-091	Jako Sickle Knife, curved
AI-ET-01-092	Jako Sickle Knife, straight
AI-ET-01-093	Jako Circle Knife
AI-ET-01-094	Jako Round Edge Knife
AI-ET-01-095	Jako Sharp Hook, slight
AI-ET-01-096	Jako Sharp Hook, acute
AI-ET-01-097	Jako Probe, straight
AI-ET-01-098	Jako Blunt Angled Probe

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



INSTRUMENTATION FOR LARYNGOSCOPES

Laser Instrumentation



ANGLED LASER RETRACTORS



For protection of the anterior commissure and the evacuation of smoke and plume during laser surgery. Non-reflective finish on shaft. 23 cm working length.

CATALOG #	DESCRIPTION
AI-ET-01-099	Adult, right, 8 mm diameter
AI-ET-01-100	Adult, left, 8 mm diameter
AI-ET-01-101	Pediatric, right, 4 mm diameter
AI-ET-01-102	Pediatric, left, 4 mm diameter

LASER SPATULA RETRACTORS



For protection/retraction of the vocal cords and for the evacuation of smoke and plume during laser surgery. 23 cm working length. Non-reflective finish on shaft.

CATALOG #	DESCRIPTION
AI-ET-01-103	Adult, right, 10 mm diameter
AI-ET-01-104	Adult, left, 10 mm diameter
AI-ET-01-105	Pediatric, right, 5mm diameter

LASER OPERATING PLATFORM - EBONIZED



The platform is inserted into the subglottic larynx above the level of the packed cottonoids. The platform helps to protect the cottonoids, endotracheal tube and cuff, and tissues of the subglottic larynx from any direct or reflected laser beam radiation. Shaft and tip are ebonized. 21 cm working length.

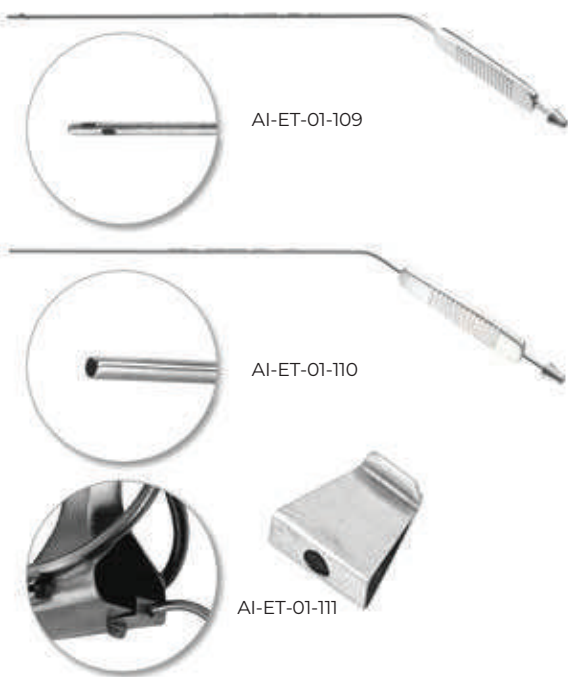
CATALOG #	DESCRIPTION
AI-ET-01-106	4 mm diameter platform
AI-ET-01-107	6 mm diameter platform
AI-ET-01-108	8 mm diameter platform

INSTRUMENTATION FOR LARYNGOSCOPES

Laser Instrumentation



ASPIRATING TUBES



For removal of smoke and steam created during laser surgery. 3 mm diameter (9 Fr.).

CATALOG #	DESCRIPTION
AI-ET-01-109	"Velvet-eye"-type, working length 7-7/8" (20 cm)
AI-ET-01-110	Open end, working length 6" (15 cm)
AI-ET-01-111	Clip for attaching aspirating tubes to laryngoscope up to 9 Fr. (3 mm)

INSTRUMENTATION FOR LARYNGOSCOPES

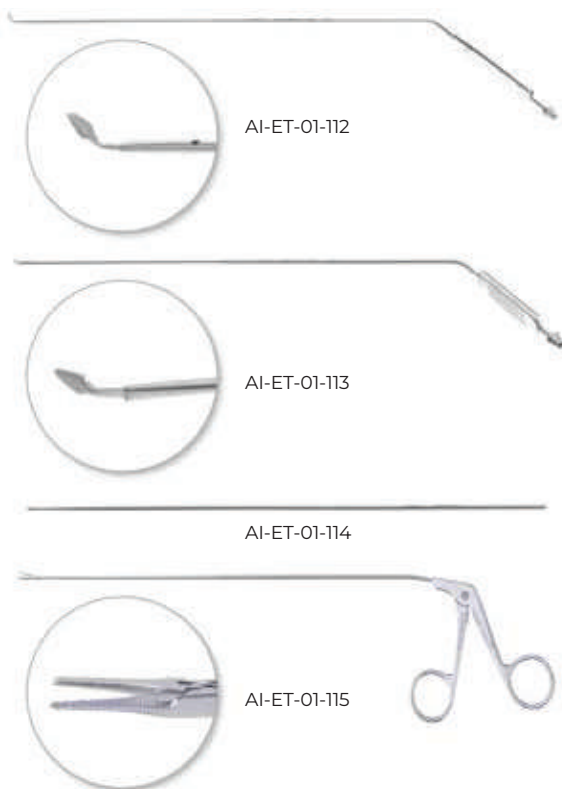
Laser Instrumentation



MICROSUBGLOTTIC INSTRUMENTS

Designed for laser microsurgery of the entire subglottic space and upper cervical trachea, this instrumentation includes forceps, probe, mirror and platform (all 28 cm in length and laser finished).

CATALOG #	DESCRIPTION
AI-ET-01-112	Operating platform, 3 mm
AI-ET-01-113	Front surface mirror, 3 mm
AI-ET-01-114	Straight probe
AI-ET-01-115	Grasping forceps, straight



INSTRUMENTATION FOR LARYNGOSCOPES

Laser Instrumentation



MICRO-LARYNGEAL PROBES - EBONIZED



CATALOG #	DESCRIPTION
AI-ET-01-116	Straight, ebonized, 10-1/4" (26 cm)
AI-ET-01-117	Angled, ebonized, 10" (25.5 cm)

OSSOFF-KARLAN GRASPING FORCEPS - EBONIZED



CATALOG #	DESCRIPTION
AI-ET-01-118	Curved left, ebonized, working length 8-1/4" (21 cm)
AI-ET-01-119	Curved right, ebonized, working length 8-1/4" (21 cm)
AI-ET-01-120	Straight, ebonized, working length 8-1/4" (21 cm)

OSSOFF-KARLAN MICRO SUCTION TUBE - EBONIZED



CATALOG #	DESCRIPTION
AI-ET-01-121	7 Fr., ebonized, working length 7-1/2" (19 cm)

INSTRUMENTATION FOR LARYNGOSCOPES

Laser Instrumentation

OSSOFF-KARLAN VOCAL CORD ROLLER - EBONIZED



AI-ET-01-122

This instrument was designed to facilitate greater direct exposure of the infraglottic surface of the true vocal cords.

CATALOG #	DESCRIPTION
AI-ET-01-122	Ebonized, 8-1/4" (21 cm)

Miscellaneous

HOLINGER LARYNGEAL DISSECTOR



AI-ET-01-123

CATALOG #	DESCRIPTION
AI-ET-01-123	12" (30.5 cm)

HOLINGER KNIFE HANDLE



AI-ET-01-124

For use with surgical blades no. 10, 11, 12 and 15.

CATALOG #	DESCRIPTION
AI-ET-01-124	11" (28 cm)

JACKSON STANDARD SPONGE CARRIER



AI-ET-01-125

For use through laryngoscopes and bronchoscopes. Heavy construction weight. Stainless steel.

CATALOG #	DESCRIPTION
AI-ET-01-125	Working length 11-3/4" (30 cm)
AI-ET-01-126	Working length 15-3/4" (40 cm)

JAKO FINE SPONGE CARRIER



AI-ET-01-127

To hold small piece of sponge rubber used to dye vocal cords for diagnostic purposes.

INSTRUMENTATION FOR LARYNGOSCOPES

Miscellaneous



ABRAHAM LARYNGEAL SYRINGE CANNULA



AI-ET-01-128

For use on Luer-Lok syringes.

CATALOG #	DESCRIPTION
AI-ET-01-128 8	Malleable, 5-7/8" (15 cm)

BONNIER CATHETER ADAPTER



AI-ET-01-129

For attachment of catheters to Luer tip syringes.

CATALOG #	DESCRIPTION
AI-ET-01-129	1-3/8" (3.5 cm)

LUER-LOK CATHETER ADAPTER



AI-ET-01-130

For attachment of catheters to Luer-Lok syringes.

CATALOG #	DESCRIPTION
AI-ET-01-130	1-1/2" (4 cm)

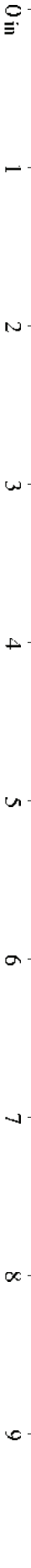
CENTIMETER SUBTRACTION RULER



AI-ET-01-131

For accurate calculation by subtraction of the depth to which a scope has been inserted.

CATALOG #	DESCRIPTION
AI-ET-01-131	30 cm



BRONCHOSCOPES



Bronchoscopes are designed in conjunction with Dr. Paul Holinger and Dr. C.L. Jackson for ease in examination and performance of surgical procedures in the lung and bronchi. These instruments use fiberoptics

to provide cool, constant illumination and nearly full lumen view. Each type of scope is designed with channels to ventilate the patient during the procedure.

BRONCHOSCOPE AND LASER BRONCHOSCOPE PATIENT SIZE LISTING

CATALOG #	PRODUCT NAME	CATALOG #	PRODUCT NAME
NEONATE/INFANT BRONCHOSCOPES		ADOLESCENT BRONCHOSCOPES	
AI-ET-02-001	Holinger	AI-ET-02-010	Holinger
AI-ET-02-002	Holinger	AI-ET-02-011	Holinger
AI-ET-02-003	Improved Holinger	AI-ET-02-012	Holinger
AI-ET-02-004	improved Holinger	AI-ET-02-013	Holinger
CHILD/PEDIATRIC BRONCHOSCOPES		AI-ET-02-014	Holinger
AI-ET-02-005	Improved Holinger	ADOLESCENT LASER BRONCHOSCOPES	
AI-ET-02-006	Improved Holinger	AI-ET-02-015	CO ₂
AI-ET-02-007	Holinger	AI-ET-02-016	CO ₂
AI-ET-02-008	Holinger	AI-ET-02-017	YAG
AI-ET-02-009	Holinger	ADULT BRONCHOSCOPES	
		AI-ET-02-018	Holinger
		AI-ET-02-019	Holinger
		AI-ET-02-020	Holinger
		AI-ET-02-021	Holinger
		ADULT LASER BRONCHOSCOPES	
		AI-ET-02-022	CO ₂
		AI-ET-02-023	CO ₂
		AI-ET-02-024	CO ₂

BRONCHOSCOPES

Holinger Design



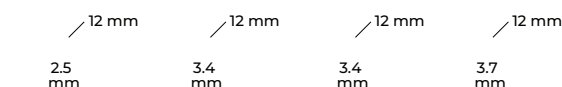
HOLINGER VENTILATING FIBEROPTIC BRONCHOSCOPE



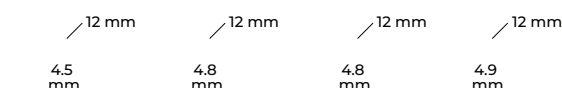
AI-ET-02-028

INCREASED LUMEN

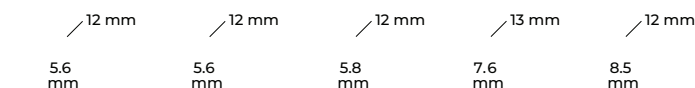
Oval Light Carrier



AI-ET-02-025 AI-ET-02-026 AI-ET-02-027 AI-ET-02-028



AI-ET-02-029 AI-ET-02-030 AI-ET-02-031 AI-ET-02-032



AI-ET-02-033 AI-ET-02-034 AI-ET-02-035 AI-ET-02-036 AI-ET-02-037

Designed by Dr. Paul Holinger, these fiberoptic bronchoscopes provide a nearly full view of the lumen with constant, cool illumination. Special features include:

- 15 mm sidearm for direct attachment of ventilation and anesthesia apparatus.
- Large fiber bundle for increased distal illumination.
- Oval fiber optic light carrier, which allows more viewing and instrumentation room in main tube.
- 15 mm diameter proximal end for attachment of accessories (window plug, Sanders Venturi, etc.).
- Smooth distal tip.
- Shortened proximal flare.
- Each Holinger Bronchoscope is supplied with one light carrier and one window plug (522595).
- Blue fiber optic cable sold separately (see pg. 467).

CATALOG #	SCOPE SIZE	OVERALL LENGTH	MIN I.D.	NOMINAL PROXIMAL I.D.	MAX O.D.	REPLACE CARRIER
AI-ET-02-025	3 x 20	203 mm	2.5 mm	12.0 mm	9.4 mm	527500
AI-ET-02-026	3.5 x 25	254 mm	3.4 mm	12.0 mm	12.0 mm	527505
AI-ET-02-027	3.5 x 30	305 mm	3.4 mm	12.0 mm	12.0 mm	527510
AI-ET-02-028	4 x 30	305 mm	3.7 mm	12.0 mm	12.0 mm	527510
AI-ET-02-029	5 x 30	305 mm	4.5 mm	12.0 mm	12.5 mm	527510
AI-ET-02-030	5 x 35	350 mm	4.8 mm	12.0 mm	12.5 mm	527515
AI-ET-02-031	5 x 40	400 mm	4.8 mm	12.0 mm	12.5 mm	527520
AI-ET-02-032	5 x 45	451 mm	4.9 mm	12.0 mm	12.0 mm	527525
AI-ET-02-033	6 x 35	350 mm	5.6 mm	12.0 mm	12.0 mm	527555
AI-ET-02-034	6 x 40	400 mm	5.6 mm	12.0 mm	13.0 mm	527560
AI-ET-02-035	7 x 40	400 mm	5.8 mm	12.0 mm	15.3 mm	527560
AI-ET-02-036	8 x 40	400 mm	7.6 mm	13.0 mm	15.4 mm	527580
AI-ET-02-037	9 x 40	400 mm	8.5 mm	12.0 mm	16.4 mm	527580

Dimensions without window plug.

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

BRONCHOSCOPES

Holinger Pediatric Design



IMPROVED HOLINGER VENTILATING FIBEROPTIC BRONCHOSCOPES



AI-ET-02-038	Telescope 2.7 mm, 0°
AI-ET-02-039	Telescope Guide 2.7 mm
AI-ET-02-040	Improved Holinger Bronchoscope 3.5 x 20
AI-ET-02-041	Flexible 1 mm Alligator Forceps

Our most popular bronchoscope, the Holinger, has been modified for pediatric foreign body removal and features the following:

- Small distal tip. The original Holinger tip has been cut down to correspond with tube size, while still retaining smoothness.
 - Built-in instrument channel for introduction of flexible forceps or disposable suction.
 - Full lumen view. The oval fiberoptic light carrier has been raised slightly to provide a full lumen and give more room for instrumentation and a larger viewing area.
 - 15 mm sidearm attachment allows direct attachment of ventilation and anesthesia apparatus.
- Each Improved Holinger Bronchoscope is supplied with one light carrier, one window plug (522595) and instrument guide rubber cap. Blue fiber optic cable sold separately (see pg. 467).



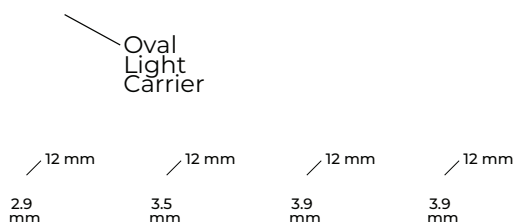
AI-ET-02-044

INCREASED LUMEN

CATALOG #	SCOPE SIZE	OVERALL LENGTH	MIN I.D.	NOMINAL PROXIMAL I.D.	MAX O.D.	REPLACE CARRIER
AI-ET-02-042	3 x 20	203 mm	2.9 mm	12.0 mm	9.0 mm	527500
AI-ET-02-043	3.5 x 20	203 mm	3.5 mm	12.0 mm	12.0 mm	527500
AI-ET-02-044	4 x 20	203 mm	3.9 mm	12.0 mm	12.0 mm	527500
AI-ET-02-045	4 x 25	254 mm	3.9 mm	12.0 mm	11.0 mm	527505

Dimensions without window plug.

NOTE: The light carrier can be removed from the Improved Holinger Bronchoscope and forceps introduced through the light carrier channel with the 2.7 mm telescope in place (telescope may have to be partially withdrawn in 522550 and 522552 scopes).



AI-ET-02-042 AI-ET-02-043 AI-ET-02-044 AI-ET-02-045

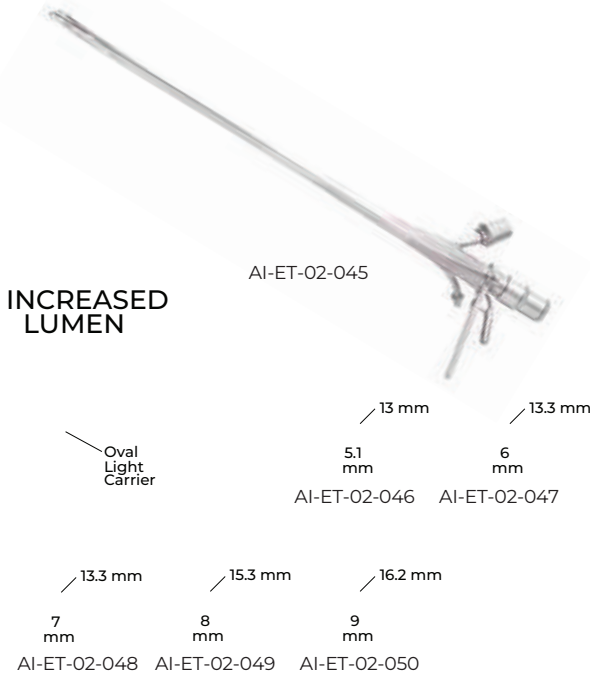
Drawings illustrate Nominal Proximal Internal Dimensions and Minimum Internal Diameter (I.D.), NOT TO SCALE.

BRONCHOSCOPES

Laser Bronchoscopes



BRONCHOSCOPE SYSTEM



- Holingertype Bronchoscope with window plug.
- Standard 15 mm anesthesia ventilating arm.
- Dedicated, distally-delivered YAG or suction channel.
- Dedicated, distally-opened smoke evacuation channel.
- Enlarged, oval fiberoptic, distal light carrier. One supplied with each scope.
- Five sizes of CO₂ bronchoscopes available.
- Can be used with CO₂ laser.
- Side ports can be used for flexible instrumentation.
- Blue fiber optic cable sold separately (see pg. 467).

CATALOG #	SCOPE SIZE	OVERALL LENGTH	MIN I.D.	NOMINAL PROXIMAL I.D.	MAX O.D.	REPLACE CARRIER
AI-ET-02-045	5.0 x 30	300 mm	5.1 mm	13.0 mm	13.0 mm	527550
AI-ET-02-046	6.0 x 35	350 mm	6.0 mm	13.3 mm	13.3 mm	523131
AI-ET-02-047	7.0 x 40	400 mm	7.0 mm	13.3 mm	13.3 mm	527580
AI-ET-02-048	8.0 x 40	400 mm	8.0 mm	15.3 mm	15.3 mm	527580
AI-ET-02-049	9.0 x 40	400 mm	9.0 mm	16.2 mm	16.2 mm	527580
AI-ET-02-050	Replaceable rubber cap for Forceps/Suction Channel					

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

MOISTURE BARRIER FOR CO₂ COUPLER-MANIPULATOR



AI-ET-02-051

CATALOG #	DESCRIPTION
AI-ET-02-051	To be used with the CO ₂ Coupler-Manipulator 523200P

BRONCHOSCOPES

Bronchoscope Accessories



BRONCHOSCOPE ADAPTER



AI-ET-02-053

Converts older Jackson and Holinger Bronchoscopes with 11 mm oxygen connector to standard 15 mm anesthesia and positive pressure connector.

CATALOG #	DESCRIPTION
AI-ET-02-053	Bronchoscope Ventilating Adapter, 3/4" (2 cm)

FLUVOG SLIDE ATTACHMENT FOR BRONCHOSCOPES



AI-ET-02-054

For use on bronchoscopes with the 15 mm proximal extension. Provides "closed system" bronchoscopes with the use of instrumentation.

CATALOG #	DESCRIPTION
AI-ET-02-054	Tapered fit for easy attachment or removal

BRONCHOSCOPE WINDOW PLUG REPLACEMENT LENS



AI-ET-02-055

CATALOG #	DESCRIPTION
AI-ET-02-055	Replacement kit for Bronchoscope window plug, consists of lens and two Teflon seals

WINDOW PLUG



AI-ET-02-056

Fits 15 mm proximal extension of Holinger and Jackson Bronchoscopes and Esophagoscopes. Provides a "closed system" for anesthesia in bronchoscopy or inflation during esophagoscopy.

CATALOG #	DESCRIPTION
AI-ET-02-056	Window plug, 1-1/8" (3 cm)

BRONCHOSCOPES

Cleaning Brushes



HOLMAN SCOPE BRUSHES

For loosening hardened secretions not freed by washing.

CATALOG #	DESCRIPTION
AI-ET-02-057	Set of three: small, medium, large
AI-ET-02-058	Brush for large scopes, 15 mm x 62 cm
AI-ET-02-059	Brush for medium scopes, 11 mm x 56 cm
AI-ET-02-060	Brush for small scopes, 9 mm x 49 cm
AI-ET-02-061	Special extra-small brush for infant scopes, 6 mm x 46 cm



AI-ET-02-057



ESOPHAGOSCOPES



The Esophagoscopes have been designed in conjunction with the innovators in esophageal surgery for examination, diagnostic procedures and removal of foreign bodies in the

esophagus. These fiberoptic scopes have been designed for ease of insertion. A variety of sizes and configurations are offered to meet the patient's specific needs.

SH Medexperts ESOPHAGOSCOPE PATIENT SIZE LISTING

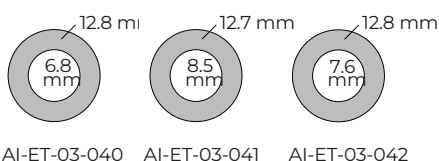
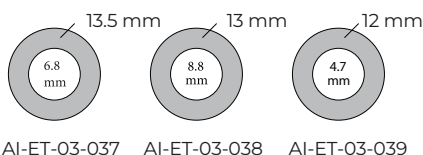
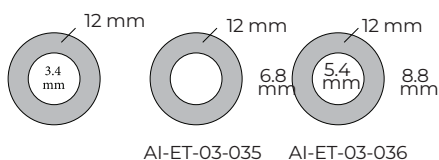
CATALOG #	PRODUCT NAME	CATALOG #	PRODUCT NAME
NEONATE/INFANT ESOPHAGOSCOPES		ADULT ESOPHAGOSCOPES	
AI-ET-03-001	Holinger	AI-ET-03-017	Jackson
AI-ET-03-002	Holinger Speculum	AI-ET-03-018	Jackson
CHILD/PEDIATRIC ESOPHAGOSCOPES		AI-ET-03-019	Jackson
AI-ET-03-003	Jackson	AI-ET-03-020	Jackson
AI-ET-03-004	Jackson	AI-ET-03-021	Jackson
AI-ET-03-005	Jesberg	AI-ET-03-022	Jackson
AI-ET-03-006	Jesberg	AI-ET-03-023	Jesberg
AI-ET-03-007	Pillsbury-Jesberg	AI-ET-03-024	Jesberg
AI-ET-03-008	Pillsbury-Jesberg	AI-ET-03-025	Jesberg
AI-ET-03-009	Holinger	AI-ET-03-026	Pillsbury-Jesberg
AI-ET-03-010	Holinger	AI-ET-03-027	Pillsbury-Jesberg
AI-ET-03-011	Forbes	AI-ET-03-028	Pillsbury-Jesberg
ADOLESCENT ESOPHAGOSCOPES		AI-ET-03-029	Holinger
AI-ET-03-012	Jesberg	AI-ET-03-030	Holinger
AI-ET-03-013	Pillsbury-Jesberg	AI-ET-03-031	Holinger
AI-ET-03-014	Holinger	AI-ET-03-032	Holinger
AI-ET-03-015	Holinger	AI-ET-03-033	Forbes
AI-ET-03-016	Holinger		

ESOPHAGOSCOPES

Holinger Design



HOLINGER FIBEROPTIC ESOPHAGOSCOPES



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

Designed by Dr. Paul Holinger, these fiberoptic esophagoscopes provide a nearly full view of the lumen with constant cool illumination. Special features of these esophagoscopes.

include:

- Large fiber bundle for increased distal illumination.
- Aspiration channel on the exterior of the scope to permit maximum lumen.
- Oval fiber optic light carrier to allow more viewing and instrumentation room in main tube.
- Smooth distal tip.
- 15 mm proximal end for attachment of accessories.
- Blue fiber optic cable sold separately (see pg. 467).

Holinger Fiberoptic Esophagoscopes are supplied with one light carrier and one window plug (522595).

CATALOG #	SCOPE SIZE	OVERALL LENGTH	MIN I.D.	NOMINAL PROXIMAL I.D.	MAX O.D.	REPLACE CARRIER
AI-ET-03-034	3.5 x 30	300 mm	3.4 mm	12.0 mm	14.5 mm	527510
AI-ET-03-035	4 x 30	300 mm	3.9 mm	12.0 mm	15.0 mm	527510
AI-ET-03-036	6 x 30	300 mm	5.4 mm	12.0 mm	15.6 mm	527550
AI-ET-03-037	7 x 30	300 mm	6.8 mm	11.5 mm	16.0 mm	527550
AI-ET-03-038	9 x 30	300 mm	8.8 mm	13.0 mm	20.0 mm	527575
AI-ET-03-039	5 x 35	349 mm	4.7 mm	12.0 mm	15.0 mm	527515
AI-ET-03-040	7 x 45	451 mm	6.8 mm	12.8 mm	14.6 mm	527565
AI-ET-03-041	9 x 53	530 mm	8.5 mm	12.7 mm	21.0 mm	527585
AI-ET-03-042	8 x 45	451 mm	7.6 mm	12.8 mm	9.0 mm	527583
AI-ET-03-043	9 x 45	451 mm	8.5 mm	12.9 mm	20.0 mm	527583

Dimensions are without window plug.

ESOPHAGOSCOPES

Jackson Design

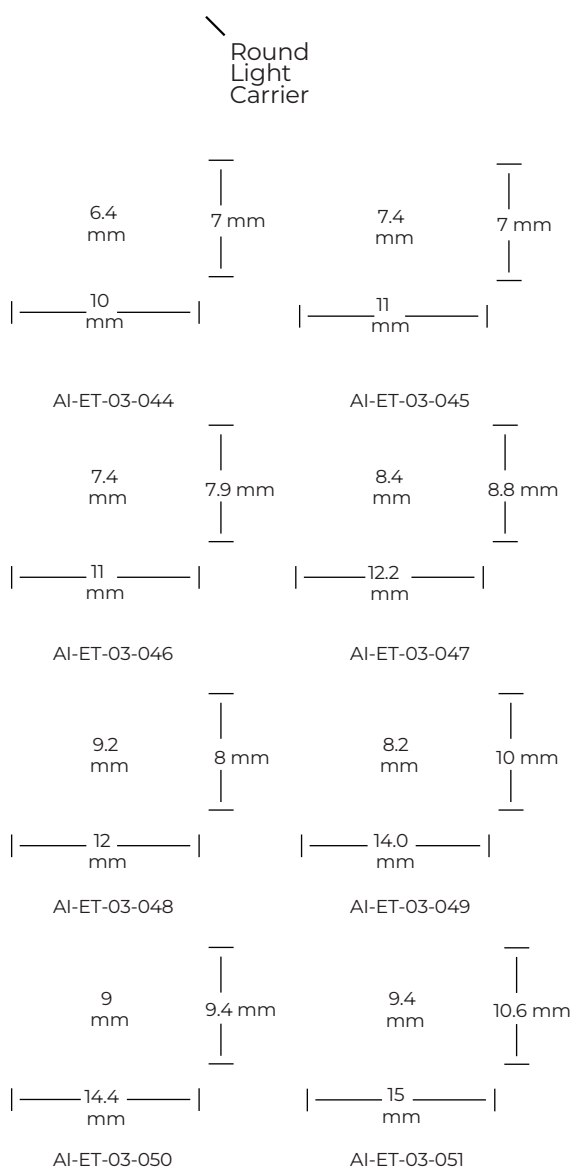


JACKSON FIBER OPTIC OVAL ESOPHAGOSCOPES



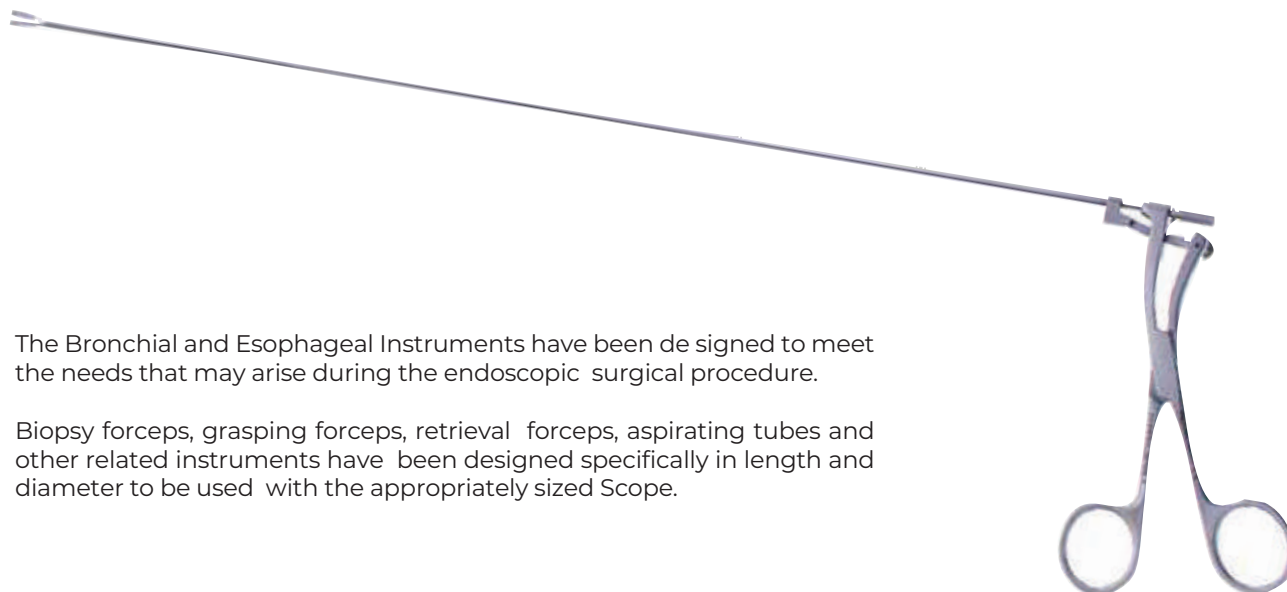
STANDARD
LUMEN

In the oval model, the distal end is slightly flared to form a blunt, smooth edge without increasing the bulk of the tip unnecessarily. The light carrier is placed on the right side of the tube so that the cord is directed away from the hand of the operator. Supplied with one light carrier. Blue fiber optic cable sold separately.



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

INSTRUMENTATION FOR BRONCHOSCOPES AND ESOPHAGOSCOPES



The Bronchial and Esophageal Instruments have been designed to meet the needs that may arise during the endoscopic surgical procedure.

Biopsy forceps, grasping forceps, retrieval forceps, aspirating tubes and other related instruments have been designed specifically in length and diameter to be used with the appropriately sized Scope.

Biopsy Cup Forceps

EXTRA-LIGHTWEIGHT CONSTRUCTION FORCEPS



AI-ET-04-001

Very light shafts with small cup biting jaws, straight or slightly angled.

CATALOG #	CUP DIAMETER	SHAPE	WORKING LENGTH	FOR USE THRU SCOPES
AI-ET-04-001	2 mm	Straight	35 cm	4.0 mm or larger
AI-ET-04-002	2 mm	Straight	40 cm	4.0 mm or larger
AI-ET-04-003	2 mm	Angular	35 cm	4.0 mm or larger
AI-ET-04-004	2 mm	Angular	40 cm	4.0 mm or larger

INSTRUMENTATION FOR BRONCHOSCOPES AND ESOPHAGOSCOPES BIOPSY CUP FORCEPS

HOLINGER CUP BITING SPECIMEN FORCEPS



AI-ET-04-005

Cutting jaws with rounded tip and basket designed to prevent crushing of specimen. Cutting edges extend into box of instrument to permit clean, complete removal of specimen.

CATALOG #	CUP DIAMETER	SHAPE	WORKING LENGTH	FOR USE THRU SCOPES
AI-ET-04-005	5 mm	Straight	60 cm	7.0 mm or larger

JACKSON SQUARE PUNCH SPECIMEN FORCEPS



AI-ET-04-006

Basket built into lower blade to hold excised tissue.

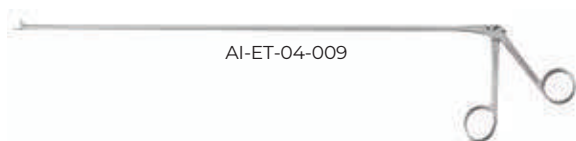
CATALOG #	CUP DIAMETER	SHAPE	WORKING LENGTH	FOR USE THRU SCOPES
AI-ET-04-006	5 mm	Straight	45 cm	6.0 mm or larger

INSTRUMENTATION FOR BRONCHOSCOPES AND ESOPHAGOSCOPES

Biopsy Cup Forceps



SAM ROBERTS CUP BIOPSY FORCEPS - MOST POPULAR



AI-ET-04-009

Roberts Forceps have jaws specially shaped and angled for use through bronchoscopes and esophagoscopes of definite sizes.

CATALOG #	CUP DIAMETER	SHAPE	WORKING LENGTH	FOR USE THRU STD. BRONCH	FOR USE THRU ESOPHAGOSCOPES
AI-ET-04-007	2 mm	Straight	50 cm	4.5 mm	3.5 mm
AI-ET-04-008	4 mm	Straight	40 cm	7.0 mm	7.0 mm
AI-ET-04-009	4 mm	Straight	50 cm	7.0 mm	7.0 mm
AI-ET-04-010	4 mm	Straight	60 cm	7.0 mm	7.0 mm
AI-ET-04-011	6 mm	Straight	40 cm	9.0 mm	9.0 mm
AI-ET-04-012	6 mm	Straight	50 cm	9.0 mm	9.0 mm
AI-ET-04-013	6 mm	Straight	60 cm	9.0 mm	9.0 mm
AI-ET-04-014	2 mm	Angular	50 cm	4.5 mm	3.5 mm
AI-ET-04-015	4 mm	Angular	40 cm	8.0 mm	8.0 mm
AI-ET-04-016	4 mm	Angular	50 cm	8.0 mm	8.0 mm
AI-ET-04-017	4 mm	Angular	60 cm	8.0 mm	8.0 mm
AI-ET-04-018	6 mm	Angular	40 cm	10.0 mm	10.0 mm
AI-ET-04-019	6 mm	Angular	50 cm	10.0 mm	10.0 mm
AI-ET-04-020	6 mm	Angular	60 cm	10.0 mm	10.0 mm



AI-ET-04-007

AI-ET-04-008



AI-ET-04-014

AI-ET-04-017



AI-ET-04-018

INSTRUMENTATION FOR BRONCHOSCOPES AND ESOPHAGOSCOPES

Grasping Forceps



JACKSON ALLIGATOR GRASPING FORCEPS - DOUBLE-ACTION



Double articulating jaws are finely serrated and grooved. For use through bronchoscopes or esophagoscopes.

CATALOG #	JAW WIDTH X LENGTH	WORKING LENGTH	FOR USE THRU SCOPES
AI-ET-04-021	2.5 x 14 mm	50 cm	5.0 mm or larger
AI-ET-04-022	2.5 x 14 mm	60 cm	5.0 mm or larger

JACKSON ALLIGATOR GRASPING FORCEPS - LIGHT CONSTRUCTION



Finely serrated tapered jaws. For use through bronchoscopes or esophagoscopes.

CATALOG #	JAW WIDTH X LENGTH	WORKING LENGTH	FOR USE THRU SCOPES
AI-ET-04-023	1.5 x 17 mm	30 cm	5.0 mm or larger
AI-ET-04-024	1.5 x 17 mm	40 cm	5.0 mm or larger

JACKSON ALLIGATOR GRASPING FORCEPS - EXTRA DELICATE



For use through infant laryngoscopes and 3.5 mm bronchoscopes.

CATALOG #	JAW WIDTH X LENGTH	WORKING LENGTH
AI-ET-04-025	2.3 x 12 mm	30 cm
AI-ET-04-026	2.3 x 12 mm	35 cm

JACKSON ALLIGATOR GRASPING FORCEPS - STANDARD



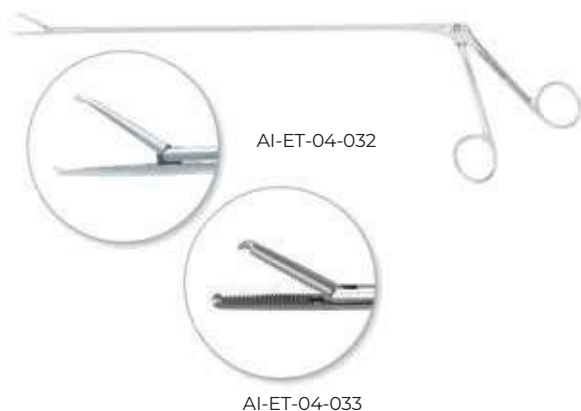
For use through bronchoscopes or esophagoscopes.

CATALOG #	JAW WIDTH X LENGTH	WORKING LENGTH	FOR USE THRU SCOPES
AI-ET-04-027	4 x 23 mm	28 cm	6.0 mm or larger
AI-ET-04-028	4 x 23 mm	35 cm	6.0 mm or larger
AI-ET-04-029	4 x 23 mm	40 cm	6.0 mm or larger
AI-ET-04-030	4 x 23 mm	50 cm	6.0 mm or larger
AI-ET-04-031	4 x 23 mm	60 cm	6.0 mm or larger

INSTRUMENTATION FOR BRONCHOSCOPES AND ESOPHAGOSCOPES

Grasping Forceps

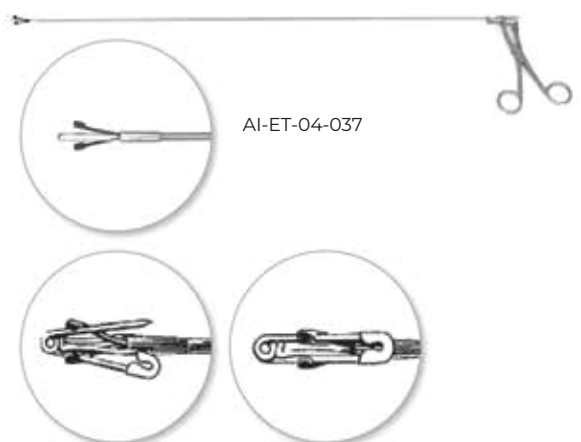
JACKSON ROTATION FORCEPS



Serrated jaws terminate in sharp teeth. Standard forceps are sturdily constructed with large, strong teeth for use through bronchoscopes and esophagoscopes. Delicate forceps feature light construction with small, sharp teeth. Stainless Steel.

CATALOG #	DESCRIPTION	JAW WIDTH X LENGTH	WORKING LENGTH	FOR USE THRU SCOPES
AI-ET-04-032	Delicate light	2.4 x 10 mm	30 cm	3.5 mm or larger
AI-ET-04-033	Delicate light	2.4 x 10 mm	35 cm	3.5 mm or larger
AI-ET-04-034	Standard	4 x 20 mm	28 cm	3.5 mm or larger
AI-ET-04-035	Standard	4 x 20 mm	50 cm	7.0 mm or larger
AI-ET-04-036	Standard	4 x 20 mm	60 cm	7.0 mm or larger

CLERF-ARROWSMITH SAFETY PIN CLOSING FORCEPS



A notched brace pushes the loop of the pin away from the jaws which simultaneously grasps the limbs of the pin. This action results in approximation of the point and keeper.

CATALOG #	WORKING LENGTH	FOR USE THRU SCOPES	CONSTRUCTION WEIGHT
AI-ET-04-037	45 cm	5.0 mm or larger	7/8" - 1-1/2"
AI-ET-04-038	50 cm	5.0 mm or larger	7/8" - 1-1/2"

GORDON BEAD GRASPING FORCEPS



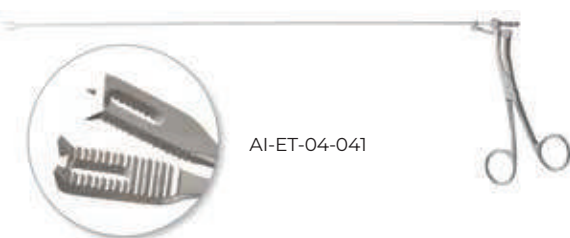
The four-bladed grasping unit is designed to completely surround a slippery, hard-surfaced, smooth object such as an oval bead or ball-bearing.

CATALOG #	WORKING LENGTH	FOR USE THRU SCOPES	CONSTRUCTION WEIGHT
AI-ET-04-039	45 cm	5.0 mm or larger	Small
AI-ET-04-040	50 cm	6.0 mm or larger	Large

INSTRUMENTATION FOR BRONCHOSCOPES AND ESOPHAGOSCOPES

Grasping Forceps

JACKSON DOUBLE PRONG GRASPING FORCEPS



Powerful, fenestrated, deeply serrated blades with distal points are especially valuable in grasping teeth and similar difficult objects.

CATALOG #	WORKING LENGTH	FOR USE THRU SCOPES	CONSTRUCTION WEIGHT
AI-ET-04-041	45 cm	5.0 mm or larger	Medium
AI-ET-04-042	50 cm	5.0 mm or larger	Medium

JACKSON DULL-POINTED RING ROTATION FORCEPS



CATALOG #	WORKING LENGTH	FOR USE THRU SCOPES	CONSTRUCTION WEIGHT
AI-ET-04-043	35 cm	3.5 mm or larger	Extra-Small
AI-ET-04-044	60 cm	5.0 mm or larger	Large

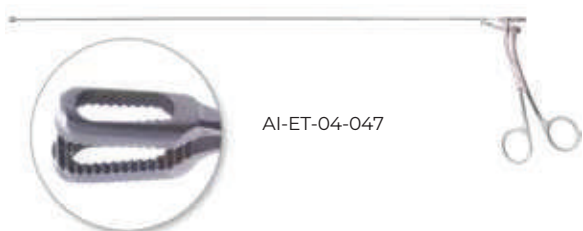
JACKSON FENESTRATED MEAT GRASPING FORCEPS



Large, deeply serrated blades.

CATALOG #	(MM) LENGTH	FOR USE THRU SCOPES	CONSTRUCTION WEIGHT
AI-ET-04-045	50 cm	7.0 mm or larger	Large
AI-ET-04-046	60 cm	7.0 mm or larger	Large

JACKSON FENESTRATED PEANUT GRASPING FORCEPS



Jaws considerably lighter and smaller than meat grasping forceps.

CATALOG #	WORKING LENGTH	FOR USE THRU SCOPES	CONSTRUCTION WEIGHT
AI-ET-04-047	35 cm	3.5 mm or larger	Extra-Small
AI-ET-04-048	35 cm	4.0 mm or larger	Small
AI-ET-04-049	60 cm	5.0 mm or larger	Medium

INSTRUMENTATION FOR BRONCHOSCOPES AND ESOPHAGOSCOPES

Grasping Forceps

JACKSON FORWARD GRASPING CUP FORCEPS



These cannulated forceps are constructed entirely of stainless steel. The jaws are carefully shaped and set to provide a secure grip on the object to be removed. They are strong and durable and will sustain any degree of traction it is safe to exert. Serrated, cupped jaws in various sizes.*

CATALOG #	WORKING LENGTH	FOR USE THRU SCOPES	CONSTRUCTION WEIGHT
AI-ET-04-050	35 cm	3.0 mm or larger	Extra-Small
AI-ET-04-051	35 cm	4.0 mm or larger	Small
AI-ET-04-052	40 cm	4.0 mm or larger	Small
AI-ET-04-053	40 cm	4.0 mm or larger	Medium
AI-ET-04-054	50 cm	5.0 mm or larger	Large
AI-ET-04-055	60 cm	5.0 mm or larger	Large

JACKSON FORCEPS PARTS KIT



Contains various sizes of screws and pivot pins for Jackson cannulated-style forceps.

CATALOG #	DESCRIPTION
AI-ET-04-056	12 parts total

A multi-purpose forceps with fenestrated blades shaped to encircle an odd-shaped or globular object. Valuable as a forward grasping forceps for pebbles, beads, peanuts, meat, head presented tacks and nails. Light construction weight.*

JESBERG FENESTRATED GRASPING FORCEPS



CATALOG #	WORKING LENGTH	FOR USE THRU SCOPES	CONSTRUCTION WEIGHT
AI-ET-04-057	50 cm	4.0 mm or larger	Light

INSTRUMENTATION FOR BRONCHOSCOPES AND ESOPHAGOSCOPES



Grasping Forceps

TUCKER BEAD GRASPING FORCEPS



Forceps have stiff, expanding springs and jaws designed to grasp over and beyond the greatest circumference of the bead. Blades are concave and back-serrated at the tip for secure grasp.*

CATALOG #	WORKING LENGTH	FOR USE THRU SCOPES	CONSTRUCTION WEIGHT
AI-ET-04-058	40 cm	4.0 mm or larger	Small
AI-ET-04-059	50 cm	5.0 mm or larger	Medium

KAHLER GRASPING FORCEPS



Jaws contain a series of teeth that provide a very secure grip on most foreign bodies.

CATALOG #	JAW WIDTH X LENGTH	WORKING LENGTH	FOR USE THRU SCOPES
AI-ET-04-060	4 x 13 mm	60 cm	6.0 mm or larger

INSTRUMENTATION FOR BRONCHOSCOPES AND ESOPHAGOSCOPES



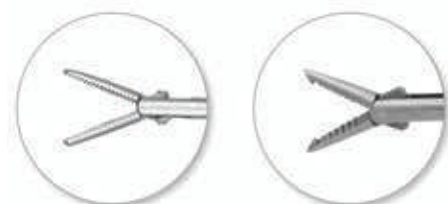
Grasping Forceps

DELICATE CENTER-ACTION BRONCHOSCOPIC FORCEPS



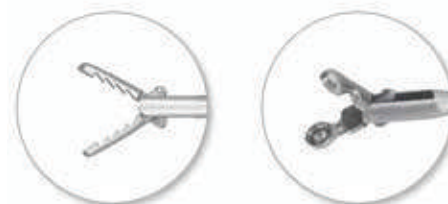
AI-ET-04-062

The slender stem allows far greater visibility. Center-action handle and double-action jaws eliminate tendency of distal end to pull away from object and rise. Stem does not bend under pressure from handles. Stainless steel construction.*



AI-ET-04-066

AI-ET-04-067



AI-ET-04-069

AI-ET-04-071



AI-ET-04-074

CATALOG #	DESCRIPTION	WORKING LENGTH	FOR USE THRU SCOPES
AI-ET-04-061	Fenestrated, cupped grasping	38 cm	3.5 mm or larger
AI-ET-04-062	Fenestrated, cupped grasping	38 cm	4.0 mm or larger
AI-ET-04-063	Fenestrated, cupped grasping	50 cm	4.0 mm or larger
AI-ET-04-064	Alligator grasping	38 cm	4.0 mm or larger
AI-ET-04-065	Alligator grasping	45 cm	4.0 mm or larger
AI-ET-04-066	Alligator grasping	50 cm	4.0 mm or larger
AI-ET-04-067	Rotation, 1 x 2 teeth	38 cm	4.0 mm or larger
AI-ET-04-068	Kahler grasping	38 cm	4.0 mm or larger
AI-ET-04-069	Kahler grasping	45 cm	4.0 mm or larger
AI-ET-04-070	Kahler grasping	50 cm	4.0 mm or larger
AI-ET-04-071	Circular cup biopsy forceps	38 cm	5.0 mm or larger
AI-ET-04-072	Circular cup biopsy forceps	45 cm	5.0 mm or larger
AI-ET-04-073	Circular cup biopsy forceps	50 cm	5.0 mm or larger
AI-ET-04-074	Oval cup biopsy forceps	50 cm	5.0 mm or larger

INSTRUMENTATION FOR BRONCHOSCOPES AND ESOPHAGOSCOPES

Forceps for Pediatric and Laser Scopes

PEDIATRIC BRONCHOSCOPIC INSTRUMENTS



These miniature grasping and biopsy forceps and scissors with 2 mm stems have been designed to pass through the smaller pediatric bronchoscopes. These stems are slightly angled at the handle, affording unobstructed vision. Straight forward, 35 cm working-length, will pass through a 3 mm or larger scope, 5 degree bend at handle.

CATALOG #	DESCRIPTION	SHAPE	WORKING LENGTH	FOR USE THRU SCOPES
AI-ET-04-075	Grasping forceps	Straight forward	36 cm	3.0 mm or larger
AI-ET-04-076	Biopsy forceps	Straight cup	36 cm	3.5 mm or larger
AI-ET-04-077	Biopsy forceps	Oval cup	37 cm	3.5 mm or larger

FLEXIBLE ENDOSCOPIC FORCEPS



The Flexible Forceps were designed for use with Laser and Standard Bronchoscopes. They easily pass through the instrument/fiber channel for the purpose of biopsy, foreign body retrieval and removal of char from laser ablation. These forceps are available in 1mm and 2 mm sizes.*

CATALOG #	OVERALL LENGTH	DESCRIPTION	FOR USE THRU SCOPES
AI-ET-04-078	36.5 cm	1 mm alligator grasping	3.5 x 20 4.0 x 25
AI-ET-04-079	36.5 cm	1 mm oval cup biopsy	3.5 x 20 4.0 x 25
AI-ET-04-080	40 cm	1.5 mm alligator grasping, flexible	5.0 x 30 6.0 x 35
AI-ET-04-081	40 cm	2 mm fenestrated grasping, flexible	5.0 x 30 6.0 x 35
AI-ET-04-082	50 cm	2 mm alligator grasping, flexible	7.0 x 40 8.0 x 40 9.0 x 40
AI-ET-04-083	50 cm	2 mm circular cup biopsy	7.0 x 40 8.0 x 40 9.0 x 40

INSTRUMENTATION FOR BRONCHOSCOPES AND ESOPHAGOSCOPES

Suction Tubes



HOLINGER ASPIRATING TUBES

Holinger Tubes have an open distal tip as well as two opposing side openings. This allows for complete, rapid aspiration without clogging. These tubes are available in a standard model without thumb-valve and the thumb-valve control model.*

Standard Model

CATALOG #	WORKING LENGTH	FOR USE THRU SCOPES	TUBE DIAMETER
AI-ET-04-084	45 cm	5.0 mm or larger	4 mm (12 Fr.)
AI-ET-04-085	50 cm	5.0 mm or larger	4 mm (12 Fr.)
AI-ET-04-086	60 cm	5.0 mm or larger	4 mm (12 Fr.)
AI-ET-04-087	25 cm	4.0 mm or larger	3 mm (9 Fr.)
AI-ET-04-088	35 cm	4.0 mm or larger	3 mm (9 Fr.)

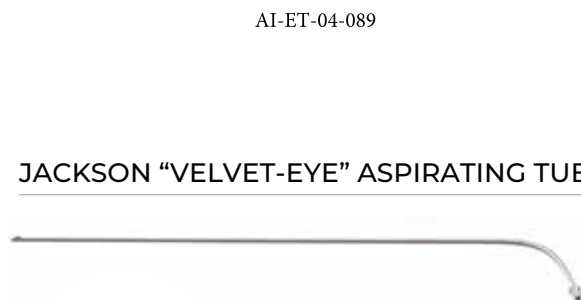
Thumb Valve Control Model

CATALOG #	WORKING LENGTH	TUBE DIAMETER
AI-ET-04-089	20 cm	3 mm (9 Fr.)
AI-ET-04-090	35 cm	4 mm (12 Fr.)

For use through infant laryngoscopes for tracheal aspiration.



AI-ET-04-088



AI-ET-04-089

JACKSON "VELVET-EYE" ASPIRATING TUBES

These tubes have a smooth, oval-shaped opening on each side of the distal tip and a closed, blunt end.

CATALOG #	WORKING LENGTH	FOR USE THRU SCOPES	TUBE DIAMETER
AI-ET-04-091	20 cm	5.0 mm or larger	4 mm (12 Fr.)
AI-ET-04-092	35 cm	5.0 mm or larger	4 mm (12 Fr.)
AI-ET-04-093	40 cm	5.0 mm or larger	4 mm (12 Fr.)
AI-ET-04-094	45 cm	5.0 mm or larger	4 mm (12 Fr.)
AI-ET-04-095	50 cm	5.0 mm or larger	4 mm (12 Fr.)
AI-ET-04-096	60 cm	5.0 mm or larger	4 mm (12 Fr.)
AI-ET-04-097	35 cm	4.0 mm or larger	3 mm (9 Fr.)
AI-ET-04-098	40 cm	4.0 mm or larger	4 mm (12 Fr.)



AI-ET-04-092

FIBER OPTIC CABLES (END ADAPTERS)



ROTATING ENDFITTING REPLACEMENT TIP



AI-ET-05-001

CATALOG #	DESCRIPTION
AI-ET-05-001	Rotating Endfitting Replacement tip for Single Cables with catalog numbers ending in "PRA" (formerly 521166)

FIBER OPTIC INSTRUMENT CABLE END ADAPTERS



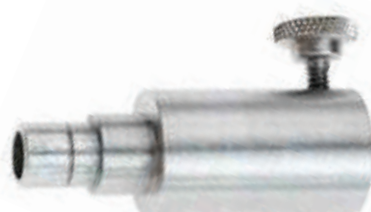
AI-ET-05-002

These adapters are to be used with stand and Fiber Optic Cables P358PRA or P356PRA.

CATALOG #	DESCRIPTION
AI-ET-05-002	to ACMI, adapts to Single Cables with catalog numbers ending in "PRA" (formerly 521165) to have an ACMI illuminator end
AI-ET-05-003	adapts to Single Cables with catalog numbers ending in "PRA" (formerly 521170) to have a Wolf illuminator end

AI-ET-05-003

ACMI ILLUMINATOR END ADAPTER FOR TYPE II CABLES



AI-ET-05-004

This adapter attaches to fiber optic cables with a larger End Fitting on one end and a light carrier permanently attached to the cable on the other end.

CATALOG #	DESCRIPTION
AI-ET-05-004	Adapts to the following: 527850 Light Carrier Cable for Improved Tucker Mediastinscope, long (522311) 527853 Light Carrier Cable for Improved Tucker Mediastinscope, short (522306) 527860 Light Carrier Cable for Ossoff Adult Subglottoscopes (522244, 522245) 527862 Light Carrier Cable for Ossoff-Karlan-Dedo Laser Micro-Laryngoscope, adol (522238) 527863 Light Carrier Cable for Ossoff-Karlan-Dedo Laser Micro-Laryngoscope, child (522237)



BOUGIES/DILATORS

Esophageal Bougies

BOUGIES/DILATORS

The comprehensive line of Laryngeal and Esophageal Dilators and Bougies includes designs by Drs. Jackson, Tucker and Maloney.

MALONEY-STYLE & HURST-STYLE BOUGIES (MADE OF SILICONE, MERCURY FREE)

The advantages of our exclusive new esophageal bougies start with what they don't have. Namely, mercury. Mercury is toxic and requires special handling and waste disposal procedures. But our patented tungsten gel-filling is completely nontoxic.

What's more, these bougies can be sterilized via steam; unlike mercury-filled bougies, they won't rupture during steam.

In addition, the silicone casing is non-slip when dry and slippery when wet. So it gives you a good grip, yet allows for easier, less traumatic insertion.

- Patented tungsten gel-filling is completely nontoxic, making it safer for patients and staff, with far less cost of disposal.
- Calibration marks, along with radio-opaque material in the flexible tip of the Maloney style, make it easy to determine the exact depth of insertion.
- Date stamp and three-year guarantee.

HURST TUNGSTEN-FILLED ESOPHAGEAL BOUGIES



AI-ET-06-012

These tungsten-filled bougies have rounded distal tips. The closure on the proximal end is drilled through from side-to-side so a finger cord may be used. 29-1/2" (75 cm) approximate overall length.

CATALOG #	DESCRIPTION	CATALOG #	DESCRIPTION
AI-ET-06-001	20 Fr.	AI-ET-06-012	42 Fr.
AI-ET-06-002	22 Fr.	AI-ET-06-013	44 Fr.
AI-ET-06-003	24 Fr.	AI-ET-06-014	46 Fr.
AI-ET-06-004	26 Fr.	AI-ET-06-015	48 Fr.
AI-ET-06-005	28 Fr.	AI-ET-06-016	50 Fr.
AI-ET-06-006	30 Fr.	AI-ET-06-017	52 Fr.
AI-ET-06-007	32 Fr.	AI-ET-06-018	54 Fr.
AI-ET-06-008	34 Fr.	AI-ET-06-019	56 Fr.
AI-ET-06-009	36 Fr.	AI-ET-06-020	58 Fr.
AI-ET-06-010	38 Fr.	AI-ET-06-021	60 Fr.
AI-ET-06-011	40 Fr.		

BOUGIES/DILATORS

Esophageal Bougies



MALONEY TAPERED TUNGSTEN-FILLED ESOPHAGEAL BOUGIES



AI-ET-06-033

This tungsten-filled bougie provides a single style of dilator for treating cardiospasm, esophagitis, stenosis and other esophageal diseases. The small, flexible tip is easily introduced through the cricopharynx area, cardioesophageal junction or stenosis. Once the tip is through the involved area, the tapered end allows the single bougie to dilate this portion of the esophagus to its maximum limit. Overall length is approximately 29-1/2" (75 cm).

CATALOG #	DESCRIPTION
AI-ET-06-022	20 Fr.
AI-ET-06-023	22 Fr.
AI-ET-06-024	24 Fr.
AI-ET-06-025	26 Fr.
AI-ET-06-026	28 Fr.
AI-ET-06-027	30 Fr.
AI-ET-06-028	32 Fr.
AI-ET-06-029	34 Fr.
AI-ET-06-030	36 Fr.
AI-ET-06-031	38 Fr.
AI-ET-06-032	40 Fr.

CATALOG #	DESCRIPTION
AI-ET-06-033	42 Fr.
AI-ET-06-034	44 Fr.
AI-ET-06-035	46 Fr.
AI-ET-06-036	48 Fr.
AI-ET-06-037	50 Fr.
AI-ET-06-038	52 Fr.
AI-ET-06-039	54 Fr.
AI-ET-06-040	56 Fr.
AI-ET-06-041	58 Fr.
AI-ET-06-042	60 Fr.

BOUGIE TRAY



AI-ET-06-043

Stainless steel. Separately holds 12 individual bougies (Maloney or Hurst). Two tiers with upper tier have hinged handle, perforated trays and lid. Holding pins hold bougie cap to keep bougie straight and in corrugated channels.

CATALOG #	DESCRIPTION
AI-ET-06-043	31-5/8" x 11" (80.5 x 28 cm)

BOUGIES/DILATORS

Esophageal Dilators



JACKSON ESOPHAGEAL DILATORS



AI-ET-06-052

The Jackson Esophageal Dilator has proved popular and effective among surgeons. Now available in a durable silicone material. This configuration is the safest of all forms of dilators because of the thin, flexible stem that enables accurate ocular guidance of the dilator into the lumen of the stricture. A small size (12 Fr.) is often useful to make sure of a lumen ahead at the cricopharyngeal and hiatal levels during esophagoscopy as well as in cases of stenosis. The steel stem also permits the use of the tiniest filiform sizes. Overall length ranges from 25" (63.5 cm) for the 8 - 12 Fr. to 26-1/2" (67.5 cm) for the 20 - 42 Fr.

CATALOG #	DESCRIPTION
AI-ET-06-044	Dilator Set, includes one of each size listed, 19 dilators, 8 Fr. - 42 Fr.
AI-ET-06-045	8 Fr.
AI-ET-06-046	9 Fr.
AI-ET-06-047	10 Fr.
AI-ET-06-048	12 Fr.
AI-ET-06-049	14 Fr.
AI-ET-06-050	16 Fr.
AI-ET-06-051	18 Fr.
AI-ET-06-052	20 Fr.
AI-ET-06-053	22 Fr.
AI-ET-06-054	24 Fr.
AI-ET-06-055	26 Fr.
AI-ET-06-056	28 Fr.
AI-ET-06-057	30 Fr.
AI-ET-06-058	32 Fr.
AI-ET-06-059	34 Fr.
AI-ET-06-060	36 Fr.
AI-ET-06-061	38 Fr.
AI-ET-06-062	40 Fr.
AI-ET-06-063	42 Fr.

TUCKER LUMEN FINDERS



AI-ET-06-065

Short, flexible, soft rubber tip affixed to 25-1/2" (65 cm) stem with removable handle extension. 30-3/4" (78 cm) overall length.

CATALOG #	DESCRIPTION
AI-ET-06-064	14 Fr.
AI-ET-06-065	16 Fr.
AI-ET-06-066	18 Fr.

BOUGIES/DILATORS

Laryngeal Dilators



JACKSON LARYNGEAL DILATORS



AI-ET-06-075

Rigid metallic dilators for direct laryngoscopic treatment of laryngeal stenosis. Eighteen graduated sizes for consecutive use, corresponding approximately to the French sizes listed below. Sizes 10-14 Fr. have a round end; sizes 16-44 Fr. have a triangular-shaped end. 11-3/4" (30 cm) length from tip to angle.

CATALOG #	DESCRIPTION
AI-ET-06-067	10 Fr.
AI-ET-06-068	12 Fr.
AI-ET-06-069	14 Fr.
AI-ET-06-070	16 Fr.
AI-ET-06-071	18 Fr.
AI-ET-06-072	20 Fr.
AI-ET-06-073	22 Fr.
AI-ET-06-074	24 Fr.
AI-ET-06-075	26 Fr.
AI-ET-06-076	28 Fr.
AI-ET-06-077	30 Fr.
AI-ET-06-078	32 Fr.
AI-ET-06-079	34 Fr.
AI-ET-06-080	36 Fr.
AI-ET-06-081	38 Fr.
AI-ET-06-082	40 Fr.
AI-ET-06-083	42 Fr.
AI-ET-06-084	44 Fr.



TRACHEOSTOMY AND LARYNGECTOMY TUBES



Tracheostomy and Laryngectomy Tubes are known for their innovation in the sterling silver and stainless steel products. Choose from the largest variety of tube available in standard sizes. In addition, special models and cuts are made to order. Insertion Instruments, Speaking Valves and Decannulation Stoppers are also available.



Sterling silver and stainless steel trachea tube care and cleaning warning:

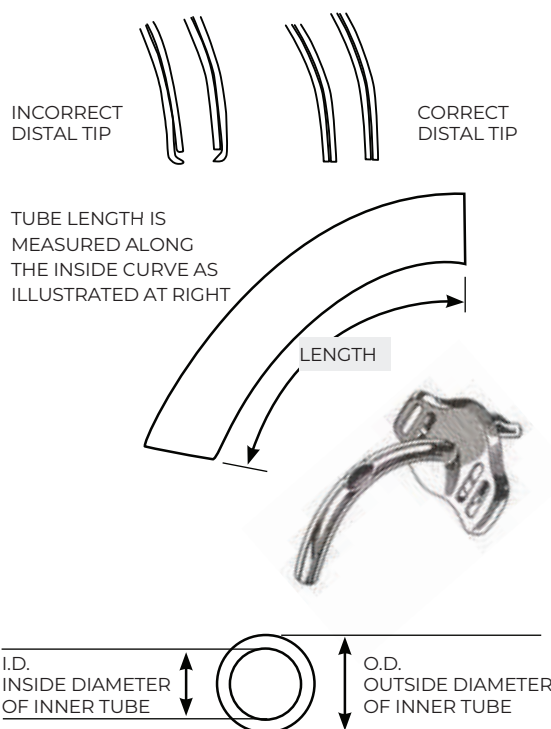
Do not soak, wash or expose the tubes to peroxide or enzyme cleaners, or sodium hydroxide. These chemical agents will cause the silver tubes to discolor, stain, tarnish and weaken the solder connection joints. These chemical agents will cause stainless steel to pit and stain.

TRACHEOSTOMY AND LARYNGECTOMY TUBES
Specifications from the tube designer are rigidly followed. Locking mechanisms are well designed and operate properly.

The inner and outer tubes fit closely to provide maximum airway. The distal edge of the inner tube is flush with, and fits very closely to, that of the outer tube to allow for correct and complete cleaning.

Stainless steel and sterling silver are used in the construction of Tubes. Plating is not used because it wears off due to galvanic action between the plating and the base metal.

Tubes are offered in the largest variety available from any single source; special models and sizes are available.



FENESTRATED TRACHEOSTOMY TUBES

Any Tracheostomy Tube may be fenestrated upon request. The standard fenestration is located at a point, measured from the neck plate, equal to one-third of the length of the tube. Special fenestrated tubes can be made to order. The size and position of special fenestrations must be specified by the prescribing physician.

TRACHEOSTOMY AND LARYNGECTOMY TUBE DIMENSIONS

The dimensions of Tracheostomy and Laryngectomy Tubes are given in a numerical size, an outside tube diameter and an inside tube diameter. The outside diameter (O.D.) is the mm diameter of the outer tube, while the inside diameter (I.D.) is the mm diameter of the inner tube distal end.

JACKSON TRACHEOSTOMY TUBES



SH MEDEXPERTS
BY SILKY HORIZON

SIZE #	FOLD HERE		
00		#00	
0		4.5 MM O.D.	
1		2.4 MM I.D.	33 MM
2		#0	
3		5.0 MM O.D.	36 MM
4		2.8 MM I.D.	38 MM
5		#1	
6		5.5 MM O.D.	40 MM
7		3.0 MM I.D.	44 MM
8		#2	
9		6.0 MM O.D.	44 MM
10		3.4 MM I.D.	51 MM
11		#3	
12		7.0 MM O.D.	48 MM
13		4.3 MM I.D.	58 MM
14		#4	
15		8.0 MM O.D.	52 MM
16		5.3 MM I.D.	62 MM
17		#5	
18		9.0 MM O.D.	56 MM
19		6.2 MM I.D.	68 MM
20		#6	
21		10.0 MM O.D.	7.2 MM I.D.
22		#7	
23		11.0 MM O.D.	8.3 MM I.D.
24		#8	
25		12.0 MM O.D.	9.2 MM I.D.
		#9	
		13.0 MM O.D.	9.9 MM I.D.
		#10	
		14.0 MM O.D.	10.6 MM I.D.
		#11	
		15.3 MM O.D.	12.3 MM I.D.
		#12	
		16.3 MM O.D.	12.7 MM I.D.

Stainless steel. Sterling silver.

SIZE AND SHAPE SPECIFICATIONS

To measure a tube, fold page on line where indicated and lay the tube on the outline with plate over the page edge. Dimensions shown are tube diameter in mm and Fr. size, and the length in mm around the inside curve. The shorter of the length indicated (48 mm on #3) applies to Jackson Short Length Tubes. The longer size (58 mm on #3) applies to Jackson Regular Length Tubes. The shape diagrams are quite accurate and are shown to aid in ordering special length tubes as well as standard lengths.

SHORT LENGTH
56 MM

REGULAR LENGTH
69 MM

NOTE

FIRST LINE ON LENGTH CURVE = SHORT FULL
LENGTH CURVE = REGULAR 16 MM PAST FULL
LENGTH LINE = EXTRA-LONG

TRACHEOSTOMY TUBES

Jackson Improved Design



JACKSON IMPROVED TRACHEOSTOMY TUBES - REGULAR LENGTH



AI-ET-07-006

Stainless steel. The improved model with a rotating lock provides quick, easy removal of the inner tube. A set consists of an outer tube, inner tube and obturator.

CATALOG #	SIZE	(MM) O.D.	(MM) I.D.	(MM) LENGTH
AI-ET-07-001	1	5.5	3.0	44.0
AI-ET-07-002	2	6.0	3.4	51.0
AI-ET-07-003	3	7.0	4.3	58.0
AI-ET-07-004	4	8.0	5.5	62.0
AI-ET-07-005	4	8.0	5.5	62.0
AI-ET-07-006	5	9.0	6.2	68.0
AI-ET-07-007	5	9.0	6.2	68.0
AI-ET-07-008	6	10.0	7.2	69.0
AI-ET-07-009	6	10.0	7.2	69.0
AI-ET-07-010	7	11.0	8.1	69.0
AI-ET-07-011	7	11.0	8.1	69.0
AI-ET-07-012	8	12.0	9.2	69.0
AI-ET-07-013	8	12.0	9.2	69.0
AI-ET-07-014	9	13.0	9.9	69.0
AI-ET-07-015	10	14.0	10.6	69.0

These Jackson Tubes are fenestrated to facilitate speech. The fenestration is located at a point measured from the neckplate equal to $\frac{1}{3}$ of the length of the tube on both the inner and outer tubes.



*Fenestrated Jackson Tube

TRACHEOSTOMY TUBES

Jackson Improved Design



JACKSON EXTRA-LONG TRACHEOSTOMY TUBES WITH ROTATING LOCK



AI-ET-07-018

Stainless steel. The Jackson Extra-Long Tracheostomy Tubes are 16 mm longer than standard Jackson tubes. They are made in sizes 5 through 9 only in stainless steel. Size and shape may be chosen using the Jackson Tracheostomy Tubes diagram located at the beginning of this section. The length of the outer arc is 16 mm longer than the regular length. A set consists of an outer tube, inner tube and obturator.

CATALOG #	SIZE	(MM) O.D.	(MM) I.D.	(MM) LENGTH
AI-ET-07-016	5	9.0	6.2	84.0
AI-ET-07-017	6	10.0	7.2	85.0
AI-ET-07-018	7	11.0	8.3	85.0
AI-ET-07-019	8	12.0	9.2	85.0
AI-ET-07-020	9	13.0	9.9	85.0

TRACHEOSTOMY TUBES

Jackson Improved Design



JACKSON IMPROVED TRACHEOSTOMY TUBES - SHORT LENGTH



AI-ET-07-023

Stainless steel. These tubes follow the regular Jackson curve and supply the need for tubes of lengths between the regular Jackson and the short Luer Tube. A set consists of an outer tube, inner tube and obturator.

CATALOG #	SIZE	(MM) O.D.	(MM) I.D.	(MM) LENGTH
AI-ET-07-021	3	7.0	4.3	48.0
AI-ET-07-022	4	8.0	5.5	52.0
AI-ET-07-023	5	9.0	6.2	56.0
AI-ET-07-024	6	10.0	7.2	56.0
AI-ET-07-025	7	11.0	8.1	56.0
AI-ET-07-026	8	12.0	9.2	56.0
AI-ET-07-027	9	13.0	9.9	56.0
AI-ET-07-028	10	14.0	10.6	56.0

JACKSON IMPROVED TRACHEOSTOMY TUBES WITH 15 MM ADAPTER - REGULAR LENGTH



AI-ET-07-030

Stainless steel. For use with positive pressure and anesthesia units. Adapters are permanently attached and not available as parts. A set consists of an outer tube, inner tube and obturator.

CATALOG #	SIZE	(MM) O.D.	(MM) I.D.	(MM) LENGTH
AI-ET-07-029	4	8.0	5.5	63.0
AI-ET-07-030	5	9.0	6.2	69.0
AI-ET-07-031	6	10.0	7.2	70.0
AI-ET-07-032	7	11.0	8.1	70.0
AI-ET-07-033	8	12.0	9.2	70.0
AI-ET-07-034	10	14.0	10.6	70.0

TRACHEOSTOMY TUBES

Jackson Improved Design



JACKSON IMPROVED TRACHEOSTOMY TUBES WITH 15 MM ADAPTER - SHORT LENGTH



Stainless steel. For use with positive pressure and anesthesia units. Adapters are permanently attached and not available as parts. A set consists of an outer tube, inner tube and obturator.

CATALOG #	SIZE	(MM) O.D.	(MM) I.D.	(MM) LENGTH
AI-ET-07-035	4	8.0	5.5	52.0
AI-ET-07-036	5	9.0	6.2	56.0
AI-ET-07-037	6	10.0	7.2	56.0
AI-ET-07-038	7	11.0	8.1	56.0
AI-ET-07-039	8	12.0	9.2	56.0

JACKSON IMPROVED TRACHEOSTOMY TUBES MADE IN STERLING SILVER



Sterling silver. An improved model with a rotating lock to provide quick and easy removal of the inner tube.

The unobstructed surface of the neckplate eliminates snagging of gauze wipes, and lessened bulk can be more easily hidden beneath patients' clothing. The inert properties of sterling silver construction reduce the allergic reaction to stainless steel. A set consists of an outer tube, inner tube and obturator. These sterling silver Jackson tubes may be used with Tucker Valved Inner Tubes.

CATALOG #	DESCRIPTION	SIZE	(MM) O.D.	(MM) I.D.	(MM) LENGTH
AI-ET-07-040	Jackson Rotating Lock #4, inner and outer tubes, obturator	4	8.0	5.3	62.0
AI-ET-07-041	Jackson Rotating Lock #5, inner and outer tubes, obturator	5	9.0	6.1	68.0
AI-ET-07-042	Tucker Valve inner tube only to fit 5 Jackson Improved Tube	5	-	6.1	71.0
AI-ET-07-043	Jackson Rotating Lock #6, inner and outer tubes, obturator	6	10.0	7.1	69.0
AI-ET-07-044	Tucker Valve inner tube only to fit 6 Jackson Improved Tube	6	-	7.1	72.0
AI-ET-07-045	Jackson Rotating Lock #7, inner and outer tubes, obturator	7	11.0	8.1	69.0
AI-ET-07-046	Tucker Valve inner tube only to fit 7 Jackson Improved Tube	7	-	8.1	72.0
AI-ET-07-047	Jackson Rotating Lock #8, inner and outer tubes, obturator	8	12.0	9.1	69.0
AI-ET-07-048	Tucker Valve inner tube only to fit 8 Jackson Improved Tube	8	-	9.1	72.0

TRACHEOSTOMY TUBES

Jackson Improved Design
–Shikani Valve Compatible



JACKSON IMPROVED STYLE TRACHEA TUBES FOR USE WITH SHIKANI SPEAKING VALVE



Shikani French Speaking Valve shown attached to Jackson Trachea Tube.

Product codes with an "A" on the end are designed to accept the Shikani-French Speaking Valve. Complete tube consists of inner tube, outer tube and obturator (pictured: outer tube with inner tube insert, obturator). Valve sold separately.

CATALOG #	SIZE	(MM) O.D.	(MM) I.D.	(MM) LENGTH
AI-ET-07-049	4	8.0	5.5	62.0
AI-ET-07-050	4	8.0	5.5	62.0
AI-ET-07-051	5	9.0	6.2	68.0
AI-ET-07-052	5	9.0	6.2	68.0
AI-ET-07-053	6	10.0	7.2	69.0
AI-ET-07-054	6	10.0	7.2	69.0
AI-ET-07-055	7	11.0	8.1	69.0

These Jackson tubes are fenestrated to facilitate speech. The fenestration is located at a point measured from the neckplate equal to 1/3 of the length of the tube on both the inner and outer tubes.



*Fenestrated Jackson Tube

TRACHEOSTOMY TUBES

Jackson Improved Design –
Shikani Valve Compatible



SHIKANI-FRENCH SPEAKING VALVE AND INNER TUBE COMBINATION



AI-ET-07-056

Patients using standard Jackson Trachea Tubes can now realize the benefits provided by the Shikani French Speaking Valve. By replacing the inner trachea tube with one of the tubes listed below, patients can attach the snap-on Shikani Valve. Each inner tube is provided with two speaking valves.

IF YOU ARE USING THIS STANDARD JACKSON TRACHEA TUBE ...	NON-FENESTRATED JACKSON IMPROVED INNER TUBE ONLY WITH 2 SHIKANI VALVES	SIZE	(MM) I.D.	(MM) LENGTH
AI-ET-07-056 ORDER	518027	4	5.5	62.0
AI-ET-07-057 ORDER	518032	5	6.2	71.0
AI-ET-07-058 ORDER	518037	6	7.2	72.0
AI-ET-07-059 ORDER	518042	7	8.1	72.0

SHIKANI-FRENCH TRACHEOSTOMY SPEAKING VALVE



AI-ET-07-060

A lower airway resistance speaking valve, the Shikani -French Speaking Valve attaches to the standard 15 mm hubs found on plastic and metal tracheostomy tubes. Certain patients may benefit from this unique ball valve design which provides less resistance to airflow at very low flow rates when compared to the membrane valves used on other brands of tracheostomy speaking tubes. The Shikani-French Speaking Valve requires less effort to move air through the valve at low inspiration pressures. Competitive valves are normally in a closed position and require greater inspiratory pressures to initially open the valve and allow airflow. An additional advantage of the Shikani-French Speaking Valve is its low profile, which makes it easy to conceal under clothing.

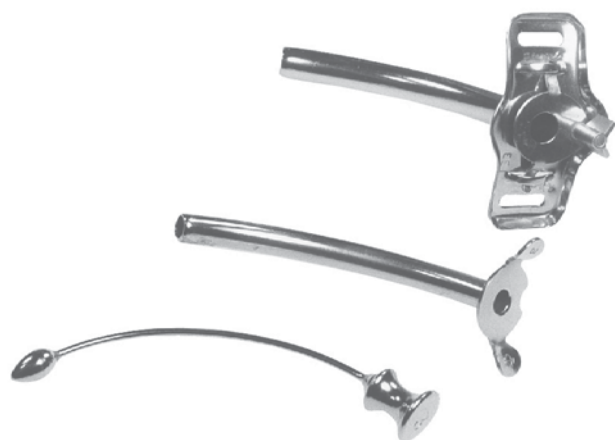
CATALOG #	DESCRIPTION
AI-ET-07-060	Shikani-French Speaking Valve for use with Jackson Improved Stainless Steel Tracheostomy Tubes (package of 2)

TRACHEOSTOMY TUBES

Jackson Original Design



JACKSON ORIGINAL TRACHEOSTOMY TUBES - REGULAR LENGTH



AI-ET-07-063

Stainless steel. These tubes have the neck plate of the original Jackson design with a small swivel lock holding the inner tube in place. A set consists of an outer tube, inner tube and obturator.

CATALOG #	SIZE	(MM) O.D.	(MM) I.D.	(MM) LENGTH
AI-ET-07-061	00	4.5	2.4	33.0
AI-ET-07-062	2	6.0	3.4	51.0
AI-ET-07-063	3	7.0	4.3	58.0
AI-ET-07-064	4	8.0	5.5	62.0
AI-ET-07-065	4	8.0	5.5	62.0
AI-ET-07-066	5	9.0	6.2	68.0
AI-ET-07-067	5	9.0	6.2	68.0
AI-ET-07-068	6	10.0	7.2	69.0
AI-ET-07-069	6	10.0	7.2	69.0
AI-ET-07-070	7	11.0	8.1	69.0
AI-ET-07-071	7	11.0	8.1	69.0
AI-ET-07-072	8	12.0	9.2	69.0
AI-ET-07-073	8	12.0	9.2	69.0
AI-ET-07-074	9	13.0	9.9	69.0
AI-ET-07-075	10	14.0	10.6	69.0

*These Jackson tubes are fenestrated to facilitate speech. The fenestration is located at a point measured from the neckplate equal to 1/3 of the length of the tube on both the inner and outer tubes.

*Fenestrated Jackson Tube

JACKSON ORIGINAL TRACHEOSTOMY TUBES - SHORT LENGTH



AI-ET-07-076

These tubes follow the original Jackson curve and supply the need for tubes of lengths between regular Jackson and the short Luer tube. A set consists of an outer tube, inner tube and obturator.

CATALOG #	SIZE	(MM) O.D.	(MM) I.D.	(MM) LENGTH
AI-ET-07-076	3	7.0	4.3	48.0
AI-ET-07-077	4	8.0	5.5	52.0
AI-ET-07-078	5	9.0	6.2	56.0
AI-ET-07-079	6	10.0	7.2	56.0
AI-ET-07-080	7	11.0	8.1	56.0
AI-ET-07-081	8	12.0	9.2	56.0

TRACHEOSTOMY TUBES

Jackson Original Design



JACKSON ORIGINAL TRACHEOSTOMY TUBES WITH 15 MM ADAPTER - REGULAR LENGTH



AI-ET-07-082

Stainless steel. For use with positive pressure and anesthesia units. Adapters are permanently attached and not available as parts. A set consists of an outer tube, inner tube and obturator.

CATALOG #	SIZE	(MM) O.D.	(MM) I.D.	(MM) LENGTH
AI-ET-07-082	3	7.0	4.3	58.0
AI-ET-07-083	4	8.0	5.5	62.0
AI-ET-07-084	5	9.0	6.2	68.0
AI-ET-07-085	6	10.0	7.2	69.0
AI-ET-07-086	7	11.0	8.1	69.0
AI-ET-07-087	8	12.0	9.2	69.0
AI-ET-07-088	10	14.0	10.6	69.0

JACKSON ORIGINAL TRACHEOSTOMY TUBES WITH 15 MM ADAPTER - SHORT LENGTH



AI-ET-07-090

Stainless steel. For use with positive pressure and anesthesia units. Adapters are permanently attached and not available as parts. A set consists of an outer tube, inner tube and obturator.

CATALOG #	SIZE	(MM) O.D.	(MM) I.D.	(MM) LENGTH
AI-ET-07-089	4	8.0	5.5	52.0
AI-ET-07-090	6	10.0	7.2	56.0

TRACHEOSTOMY TUBES

Tucker Design



TUCKER TRACHEA TUBES AND VALVES



AI-ET-07-094

Tucker Tracheostomy Tubes

Sterling silver. Acutely curved to a full 90 degree arc. The neckplate, with small swivel lock, is of a distinctive design for identification purposes. A set consists of an outer tube, inner tube and obturator. Tucker-valved inner tubes (see below) are accessories.



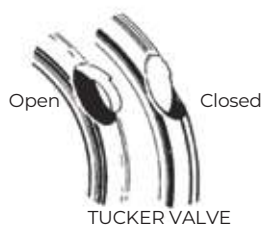
AI-ET-07-095

Tucker Speaker Valve

The Tucker Valve is built into an inner tube and allows for normal speech without covering the tube with a finger. The valve opens on inhalation through the tube. On exhalation, the valve leaflet closes, forcing air up through the upper airway. Tucker-valved inner tubes are available for regular length Jackson and Tucker Tubes as a standard item in sizes 4 through 9 in Tucker Tubes, and 4 through 8 in Jackson Tubes. Other sizes and styles are made on special order. The Tucker Valve is for use with sterling silver tubes only.

Tucker Valve Inner

Tubes are not supplied as part of the regular trachea tube and must be ordered separately. An obturator is supplied with the inner and outer tube sets.



CATALOG #	DESCRIPTION	(MM) O.D.	(MM) I.D.	(MM) LENGTH
AI-ET-07-091	Size 4, inner and outer tubes, obturator	8.0	5.3	55.0
AI-ET-07-092	Tucker valve inner tube to fit #4 Tucker tube	-	5.3	58.0
AI-ET-07-093	Size 5, inner and outer tubes, obturator	9.0	6.1	60.0
AI-ET-07-094	Tucker valve inner tube to fit #5 Tucker tube	-	6.1	63.0
AI-ET-07-095	Size 6, inner and outer tubes, obturator	10.0	7.2	60.0
AI-ET-07-096	Tucker valve inner tube to fit #6 Tucker tube	-	7.2	63.0
AI-ET-07-097	Size 7, inner and outer tubes, obturator	11.0	8.1	60.0
AI-ET-07-098	Tucker Valve Inner Tube to fit #7 Tucker Tube	-	8.1	63.0
AI-ET-07-099	Size 8, inner and outer tubes, obturator	12.0	9.1	60.0
AI-ET-07-100	Tucker Valve Inner Tube to fit #8 Tucker Tube	-	9.1	63.0

TRACHEOSTOMY TUBES

Mayo Design

MAYO CLINIC TUBE



The Mayo Clinic Tube has a Holinger-Style Neckplate on a Jackson Stainless Steel tube.

CATALOG #	SIZE	(MM) O.D.	(MM) I.D.	(MM) LENGTH
AI-ET-07-101	5	9.0	6.2	56.0
AI-ET-07-102	6	10.0	7.2	56.0
AI-ET-07-103	6	10.0	7.2	69.0
AI-ET-07-104	7	11.0	8.1	69.0



AI-ET-07-103

Holinger Design

HOLINGER TRACHEOSTOMY TUBE

Sterling silver. The tube is attached to the plate-shield at an acute downward angle of 65 degrees rather than the usual 90 degree tube-to-plate alignment. The dimensions of the neckplate are in proportion to the tube size. Corners are rounded; there are no rough projections. Funnel-shaped opening provides for easy insertion of aspirating catheters. A set consists of an outer tube, inner tube and obturator. Available in size 6. Additional sizes available by special order.

CATALOG #	SIZE	(MM) O.D.	(MM) I.D.	(MM) LENGTH
AI-ET-07-105	6	10.0	7.1	63.0



AI-ET-07-105

TRACHEOSTOMY TUBES

Laryngectomy Style Tubes



HOLINGER LARYNGECTOMY TUBES



AI-ET-07-107

Sterling silver. The cannula is attached to the plate at an acute downward angle of approximately 65 degrees. The shield is shaped carefully to be flat and with no projections to catch gauze. Rotating lock mechanism. A set consists of outer tube, inner tube and obturator.

CATALOG #	SIZE	(MM) O.D.	(MM) I.D.	(MM) LENGTH
AI-ET-07-107	7	12.0	9.0	50.0
AI-ET-07-108	8	13.6	10.0	50.0
AI-ET-07-109	9	14.0	10.6	50.0
AI-ET-07-110	10	14.3	11.2	50.0

JACKSON LARYNGECTOMY TUBES



AI-ET-07-112

Stainless steel. These tubes have standard Jackson curve with an improved neckplate. The rotating lock provides a protrusion-free surface for ease in wiping. Flattened shape allows neckplate to be hidden more easily beneath clothing. A set consists of outer tube, inner tube and obturator.

CATALOG #	SIZE	(MM) O.D.	(MM) I.D.	(MM) LENGTH
AI-ET-07-111	6	10.0	7.2	55.0
AI-ET-07-112	7	12.0	9.1	55.0
AI-ET-07-113	8	13.6	10.0	55.0
AI-ET-07-114	9	14.0	10.7	55.0
AI-ET-07-115	10	14.5	11.1	55.0
AI-ET-07-116	11	15.4	12.3	55.0
AI-ET-07-117	12	16.4	12.7	55.0

TRACHEOSTOMY TUBES

Laryngectomy Style Tubes



MARTIN LARYNGECTOMY TUBES - REGULAR AND EXTENSION



AI-ET-07-118

Sterling silver. The Martin Cannula is short length and is attached to the neckplate shield at an acute downward angle. These tubes are available as a regular set consisting of outer tube, inner tube, and obturator. Martin Tubes are also available with the dressing extension cannula, a 2.5 mm extension projecting proximally to extend out past thick, bulky dressings. The Martin Extension set consists of outer tube, standard inner tube, special extension inner tube and obturator.*

Regular Sets

COMPLETE TUBE	SIZE	(MM) O.D.	(MM) I.D.	(MM) LENGTH
AI-ET-07-118	10	14.0	10.6	43.0
AI-ET-07-119	12	16.3	12.7	43.0

Extension Set

COMPLETE TUBE	SIZE	(MM) O.D.	(MM) I.D.	(MM) LENGTH
AI-ET-07-120	6	16.3	12.7	43.0

TRACHEOSTOMY TUBES

Tracheal Dilators



JACKSON-TROUSSEAU TRACHEAL DILATORS



AI-ET-07-122

2-blade design.

CATALOG #	DESCRIPTION
AI-ET-07-121	Infant, tip width 4.0 mm, tip length 25.5 mm, 5-1/2" (14 cm)
AI-ET-07-122	Child, tip width 4.4 mm, tip length 17.5 mm, 5-1/2" (14 cm)
AI-ET-07-123	Adult, tip width 5.2 mm, tip length 25.5 mm, 5-1/2" (14 cm)

LABORDE TRACHEAL DILATOR



AI-ET-07-124

3-blade design.

CATALOG #	DESCRIPTION
AI-ET-07-124	5-1/2" (14 cm)

TRACHEOSTOMY TUBES

Miscellaneous



NEWS TRACHEA RETRACTOR



AI-ET-07-125

CATALOG #	DESCRIPTION
AI-ET-07-125	Sharp, 10 mm hook, 5-7/8" (15 cm)

LUKENS THYMUS RETRACTOR



AI-ET-07-126

CATALOG #	DESCRIPTION
AI-ET-07-126	Blade 3/8" wide x 1/4" deep (9 x 6 mm), Overall length 6-7/8" (17.5 cm)

JACKSON TRACHEAL TENACULUM



AI-ET-07-127

CATALOG #	DESCRIPTION
AI-ET-07-127	Hook depth 1/4" (0.5 cm), 5-1/4" (13.5 cm)

JACKSON TRACHEAL RETRACTOR, DOUBLE-ENDED



AI-ET-07-128

Satin finish.

CATALOG #	DESCRIPTION
AI-ET-07-128	Double-pronged, 1" wide x 1/4" deep (2.5 cm x 0.5 cm) blade, 6-7/8" (17.5 cm)



TRACHEOSTOMY TUBES

Miscellaneous



JACKSON TRACHEA RETRACTOR



AI-ET-07-129

Pattern, bright finish.

CATALOG #	DESCRIPTION
AI-ET-07-129	2 prongs, 7" (18 cm)

BERNAY FINGER RAKE TRACHEAL RETRACTORS



AI-ET-07-132



AI-ET-07-136

CATALOG #	DESCRIPTION
AI-ET-07-130	1 prong, sharp, 6-5/8" (17 cm)
AI-ET-07-131	2 prongs, sharp, 6-5/8" (17 cm)
AI-ET-07-132	3 prongs, sharp, 6-5/8" (17 cm)
AI-ET-07-133	1 prong, blunt, 6-5/8" (17 cm)
AI-ET-07-134	2 prongs, blunt, 6-5/8" (17 cm)
AI-ET-07-135	3 prongs, blunt, 6-5/8" (17 cm)
AI-ET-07-136	4 prongs, blunt, 6-5/8" (17 cm)

TRACHEOSTOMY TUBES

Cleaning Brushes



HOLMAN TRACHEA TUBE BRUSHES



AI-ET-07-137

For loosening hardened secretions not freed by washing.

CATALOG #	DESCRIPTION
AI-ET-07-137	Set of three: small, medium, large
AI-ET-07-138	Trachea tube brush, small 6.5 mm x 14.5 cm
AI-ET-07-139	Trachea tube brush, medium 8 mm x 15 cm
AI-ET-07-140	Trachea tube brush, large 9 mm x 20 cm

HOLMAN SCOPE BRUSHES - FOR BRONCHOSCOPES AND ESOPHAGOSCOPES



AI-ET-07-141

For loosening hardened secretions not freed by washing.

CATALOG #	DESCRIPTION
AI-ET-07-141	Set of three: small, medium, large
AI-ET-07-142	Brush for large scopes, 15 mm x 62 cm
AI-ET-07-143	Brush for medium scopes, 11 mm x 56 cm
AI-ET-07-144	Brush for small scopes, 9 mm x 49 cm
AI-ET-07-145	Special extra small brush for infant scopes, 6 mm x 46 cm

EAR INSTRUMENTS

Curettes



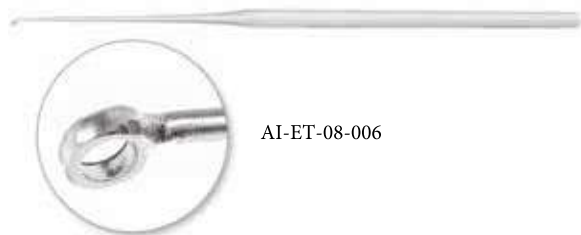
BILLEAU EAR LOOPS



AI-ET-08-002

CATALOG #	DESCRIPTION
AI-ET-08-001	Small, #1, 6-1/2" (16.5 cm)
AI-ET-08-002	Medium, #2, 6-1/2" (16.5 cm)
AI-ET-08-003	Large, #3, 6-5/8" (17 cm)

BUCK EAR CURETTES

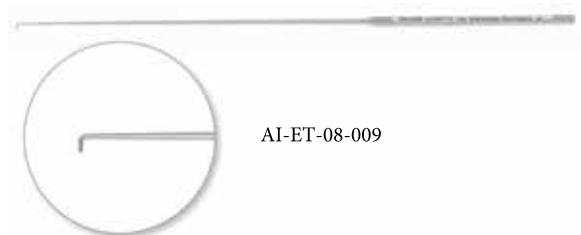


AI-ET-08-006

Blunt, 6-1/2" (16.5 cm).

CATALOG #	DESCRIPTION
AI-ET-08-004	Size 00
AI-ET-08-005	Size 0
AI-ET-08-006	Size 1
AI-ET-08-007	Size 2
AI-ET-08-008	Size 3

DAY EAR HOOK



AI-ET-08-009

CATALOG #	DESCRIPTION
AI-ET-08-009	Small, #2, 6-3/4" (17 cm)

EAR INSTRUMENTS

Curettes



HOUSE CURETTES



7" (17.7 cm), Blade A 1.8 mm, Blade B 1.5 mm.

CATALOG #	DESCRIPTION
AI-ET-08-010	Strongly angled
AI-ET-08-011	Lightly angled

Elevators

HOUSE RETRACTOR



Double-ended.

CATALOG #	DESCRIPTION
AI-ET-08-012	Blade A 20 x 7 mm, blade B 24 x 9.5 mm, 6" (15 cm)

Forceps

ALLIGATOR FORCEPS



Serrated jaws.

CATALOG #	DESCRIPTION
AI-ET-08-013	6 mm, shaft 3-1/8" (8 cm)
AI-ET-08-014	4.5 mm, shaft 3-1/8" (8 cm)

EAR INSTRUMENTS

Forceps



HARTMANN ALLIGATOR FORCEPS



AI-ET-08-015

CATALOG #	DESCRIPTION
AI-ET-08-015	Serrated, 12 mm jaw, 6-1/2" (16.5 cm)

HOUSE ALLIGATOR FORCEPS



AI-ET-08-016

CATALOG #	DESCRIPTION
AI-ET-08-016	Serrated, 8 mm jaws, shaft 3-1/8" (8 cm)

HARTMANN EAR DRESSING FORCEPS



AI-ET-08-017

CATALOG #	DESCRIPTION
AI-ET-08-017	Serrated, 2.5 x 7 mm jaws, 5-1/8" (13 cm)
AI-ET-08-018	Delicate, serrated, 2.2 mm x 7 mm jaws, 5" (12.5 cm)

MICROMINIATURE ALLIGATOR FORCEPS



AI-ET-08-019

CATALOG #	DESCRIPTION
AI-ET-08-019	Straight, serrated, ebonized, shaft 3-1/8" (8 cm)

EAR INSTRUMENTS

Forceps



HOUSE STRUT FORCEPS



AI-ET-08-020

CATALOG #	DESCRIPTION
AI-ET-08-020	Smooth jaws, 5 mm, 3-1/8" (8 cm)

TOBEY EAR FORCEPS



AI-ET-08-021

CATALOG #	DESCRIPTION
AI-ET-08-021	Serrated, 2 x 3 mm jaws, working length 2" (5 cm)

NOYES EAR FORCEPS



AI-ET-08-022

CATALOG #	DESCRIPTION
AI-ET-08-022	Serrated, 2 x 10 mm jaws, 3-1/2" (9 cm)



EAR INSTRUMENTS

Forceps



HARTMANN-HERZFELD CUP FORCEPS



AI-ET-08-023

Straight.

CATALOG #	DESCRIPTION
AI-ET-08-023	2 mm cups, shaft length 3-3/8" (9 cm)
AI-ET-08-024	3 mm cups, shaft length 3-3/8" (9 cm)

ROUND CUP FORCEPS



AI-ET-08-025

CATALOG #	DESCRIPTION
AI-ET-08-025	0.75 mm cup jaws, shaft 3-1/8" (8 cm)

OVAL SPOON FORCEPS



AI-ET-08-026

CATALOG #	DESCRIPTION
AI-ET-08-026	Straight, 1 mm cup, 3-1/8" (8 cm)

EAR INSTRUMENTS

Forceps



WILDE EAR FORCEPS



AI-ET-08-027

CATALOG #	DESCRIPTION
AI-ET-08-027	Angular, delicate, serrated, 4-1/8" (10.5 cm)

Scissors

BELLUCCI ALLIGATOR SCISSORS



AI-ET-08-028

CATALOG #	DESCRIPTION
AI-ET-08-028	Curved right, 5 mm blades, shaft 3-3/8" (8.5 cm)
AI-ET-08-029	Curved left, 5 mm blades, shaft 3-3/8" (8.5 cm)



EAR INSTRUMENTS

Scissors



HOUSE BELLUCCI MINI ALLIGATOR SCISSORS



CATALOG #	DESCRIPTION
AI-ET-08-030	Straight, sharp, 4.5 mm blades, 3-1/8" (8 cm)

Specula

BOUCHERON EAR SPECULUM



AI-ET-08-032

Round.

CATALOG #	DESCRIPTION
AI-ET-08-031	Complete set of four
AI-ET-08-032	Size 1, diameter 3 mm
AI-ET-08-033	Size 2, diameter 3.5 mm
AI-ET-08-034	Size 3, diameter 4.5 mm
AI-ET-08-035	Size 4, diameter 5 mm

EAR INSTRUMENTS

Specula



FARRIER OVAL SPECULUM



AI-ET-08-038

Oval.

CATALOG #	DESCRIPTION
AI-ET-08-036	Size 3 x 4 mm
AI-ET-08-037	Size 4 x 5 mm
AI-ET-08-038	Size 4.5 x 5.5 mm
AI-ET-08-039	Size 5 x 6 mm
AI-ET-08-040	Size 5.5 x 6.5 mm
AI-ET-08-041	Size 6 x 7 mm
AI-ET-08-042	Size 6.5 x 7.5 mm
AI-ET-08-043	Size 7 x 8 mm
AI-ET-08-044	Size 7.5 x 8.5 mm

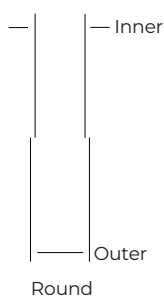
HARTMANN EAR SPECULUM



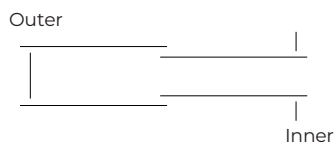
AI-ET-08-045

Round and oval.

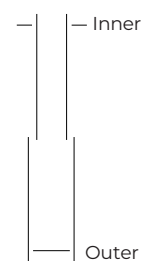
CATALOG #	DESCRIPTION
AI-ET-08-045	Round, chrome plated, set of four
AI-ET-08-046	Oval, chrome plated, set of four



Round



Oval "A"



Oval "B"

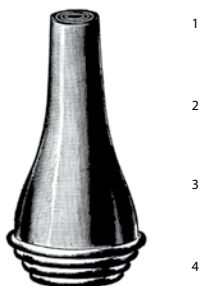
CATALOG #	SHAPE	SIZE 1		SIZE 2		SIZE 3		SIZE 4	
		I.D.	O.D.	I.D.	O.D.	I.D.	O.D.	I.D.	O.D.
AI-ET-08-047	Round	3 mm	4 mm	4 mm	5 mm	5.5 mm	6.5 mm	7 mm	8 mm
AI-ET-08-048	Oval	3.5 mm	4.5 mm	4.5 mm	5.5 mm	5.5 mm	6.5 mm	6.5 mm	7.5 mm
		2.5 mm	3.5 mm	3.5 mm	4.5 mm	4.5 mm	5.5 mm	5.5 mm	6.5 mm

EAR INSTRUMENTS

Specula



GRUBER EAR SPECULUM



AI-ET-08-051

Oval. Adult, chrome.

CATALOG #	DESCRIPTION
AI-ET-08-049	# 1, 4 x 5 mm
AI-ET-08-050	# 2, 5 x 6 mm
AI-ET-08-051	# 3, 6 x 7 mm
AI-ET-08-052	# 4, 7 x 8 mm

ENDAURAL EAR SPECULUM



AI-ET-08-053

CATALOG #	DESCRIPTION
AI-ET-08-053	26 mm blade, strongly curved shaft, 5-5/8" (14.5 cm)

Miscellaneous

FARRELL (LATHBURY) APPLICATOR

CATALOG #	DESCRIPTION
AI-ET-08-054	Twisted end, 6-1/4" (16 cm)
AI-ET-08-055	Triangular end, 6-3/8" (16 cm)

AI-ET-08-054

EAR INSTRUMENTS

Miscellaneous



MYRINGOTOMY KNIFE



AI-ET-08-056

CATALOG #	DESCRIPTION
AI-ET-08-056	Straight, 7 x 2 x 0.5 mm blade, 6-1/2" (16.5 cm)

GROSS SPOON AND HOOK



AI-ET-08-057

CATALOG #	DESCRIPTION
AI-ET-08-057	3.5 mm diameter spoon, 4 mm right angle hook, 4-3/4" (12 cm)

NASAL INSTRUMENTS

Elevators



BOIES NASAL ELEVATOR



AI-ET-09-001

CATALOG #	DESCRIPTION
AI-ET-09-001	Straight, 9.5 mm tip, 7-3/4" (19.5 cm)

GOLDMAN SEPTUM DISPLACER



AI-ET-09-002

CATALOG #	DESCRIPTION
AI-ET-09-002	6.5 mm wide, 8" (20.5 cm)

COTTLE DOUBLE-ENDED ELEVATOR



AI-ET-09-003

CATALOG #	DESCRIPTION
AI-ET-09-003	Blade A 5 mm, blade B 3 mm, graduated in 10 mm increments, 8-7/8" (22.5 cm)

FREER DOUBLE-ENDED ELEVATORS



AI-ET-09-004

Curved, sharp and blunt blades, bright finish. 7-1/2" (19 cm).

CATALOG #	DESCRIPTION
AI-ET-09-004	Narrow, 4.5 mm
AI-ET-09-005	Wide, 6.5 mm

FREER DOUBLE-ENDED ELEVATOR



AI-ET-09-006

Satin finish.

CATALOG #	DESCRIPTION
AI-ET-09-006	Blades are sharp and blunt, 4.5 mm wide, 7" (18 cm)

NASAL INSTRUMENTS

Elevators



FREER DOUBLE-ENDED ELEVATOR



AI-ET-09-007

CATALOG #	DESCRIPTION
AI-ET-09-007	Curved, sharp and blunt blades, 5 mm wide, 7-1/2" (19 cm)

GILLIES ZYGOMA ELEVATOR



AI-ET-09-008

CATALOG #	DESCRIPTION
AI-ET-09-008	1/4" (6 mm) blade, angled, 9" (23 cm)

JOSEPH PERIOSTEAL ELEVATOR



AI-ET-09-009

CATALOG #	DESCRIPTION
AI-ET-09-009	Curved, 4 mm blade, 6-3/4" (17 cm)

MCKENTY ELEVATOR



AI-ET-09-010

CATALOG #	DESCRIPTION
AI-ET-09-010	Curved, 5 mm blade, 5" (12.5 cm)

KLEINERT KUTZ ELEVATOR AND DISSECTOR



AI-ET-09-011

CATALOG #	DESCRIPTION
AI-ET-09-011	2 mm x 3 mm sharp ends, 7-5/8" (19.5 cm)

ALLERDYCE ELEVATOR AND DISSECTOR



AI-ET-09-012

CATALOG #	DESCRIPTION
AI-ET-09-012	8 mm semi-sharp and 8 mm blunt ends, 7-1/2" (19 cm)

NASAL INSTRUMENTS

Forceps



ALLIGATOR NASAL FORCEPS



CATALOG #	DESCRIPTION
AI-ET-09-013	Serrated 10 x 1 mm jaw, shaft 7" (18 cm)

NOYES NASAL ALLIGATOR FORCEPS



CATALOG #	DESCRIPTION
AI-ET-09-014	Straight, serrated, 8 x 2 mm jaw, shaft 5-1/2" (14 cm)

BLAKESLEY NASAL FORCEPS



CATALOG #	DESCRIPTION
AI-ET-09-015	Serrated, 13.5 x 7 mm jaw, shaft 7-1/2" (19 cm)

NASAL INSTRUMENTS

Forceps



TAKAHASHI FORCEPS



AI-ET-09-016

CATALOG #	DESCRIPTION
AI-ET-09-016	2.5 mm wide, 4-7/8" (12.5 cm)
AI-ET-09-017	4 mm wide, 4-7/8" (12.5 cm)

WILDE (BLAKESLEY) NASAL FORCEPS



AI-ET-09-018

Fenestrated cup, pointed tip.

CATALOG #	DESCRIPTION
AI-ET-09-018	Medium, 10.5 x 4 mm jaw, 4-7/8" (12.5 cm)

RUBIN SEPTAL MORSELIZER



AI-ET-09-019

CATALOG #	DESCRIPTION
AI-ET-09-019	Double-action serrated jaw, 15 x 4 mm, 8-1/4" (21 cm)

NASAL INSTRUMENTS

Forceps



JANSEN-MIDDLETON NASAL RONGEURS



AI-ET-09-020

CATALOG #	DESCRIPTION
AI-ET-09-020	Thru cutting cup 13 x 4 mm, shaft 3-1/2" (9 cm)
AI-ET-09-021	Thru cutting cup 14 x 5 mm, shaft 3-7/8" (10 cm)
AI-ET-09-022	Spoon shaped biting cup 15 x 5 mm, shaft 3-5/16" (8.5 cm)

ASCH SEPTUM FORCEPS



AI-ET-09-023

CATALOG #	DESCRIPTION
AI-ET-09-023	Angled, 28 mm tip, 9-1/8" (23 cm)

COTTLE COLUMELLA FORCEPS



AI-ET-09-024

CATALOG #	DESCRIPTION
AI-ET-09-024	12 mm tip width, 4-3/8" (11 cm)

NASAL INSTRUMENTS

Knives



BALLENGER KNIVES



AI-ET-09-026

Swivel knife.

CATALOG #	DESCRIPTION
AI-ET-09-025	Straight 3 mm blade, 8" (20.5 cm)
AI-ET-09-026	Straight 4 mm blade, 7-1/2" (19 cm)

COTTLE KNIFE GUIDE AND RETRACTOR



AI-ET-09-027

CATALOG #	DESCRIPTION
AI-ET-09-027	Delicate, knife guide 4 mm, retractor 14.5 mm, 7-3/4" (19.5 cm)

COTTLE NASAL KNIFE



AI-ET-09-028

CATALOG #	DESCRIPTION
AI-ET-09-028	Straight 32 x 5 mm blade, 5-5/8" (14.5 cm)

FREER D MODEL SEPTUM KNIFE



AI-ET-09-029

CATALOG #	DESCRIPTION
AI-ET-09-029	8 mm blade, 6-1/2" (16.5cm)

Osteotomes

ANDERSON-NIEVERT OSTEOTOMES



AI-ET-09-031

Curved, 8" (20.5 cm).

CATALOG #	DESCRIPTION
AI-ET-09-030	Right
AI-ET-09-031	Left
AI-ET-09-032	Straight

COTTLE OSTEOTOMES



AI-ET-09-034

Rounded corners, 7-1/4" (18.5 cm).

CATALOG #	DESCRIPTION
AI-ET-09-033	4 mm
AI-ET-09-034	6 mm
AI-ET-09-035	9 mm
AI-ET-09-036	12 mm

NASAL INSTRUMENTS

Osteotomes



MINI OSTEOTOMES



AI-ET-09-038

Curved, 5" (12.5 cm).

CATALOG #	DESCRIPTION
AI-ET-09-037	4 mm
AI-ET-09-038	6 mm

LAMBOTTE-STYLE OSTEOTOMES



AI-ET-09-041

5" (12.5 cm), flat thin blade.

CATALOG #	DESCRIPTION
AI-ET-09-039	2 mm
AI-ET-09-040	4 mm
AI-ET-09-041	6 mm
AI-ET-09-042	8 mm
AI-ET-09-043	10 mm
AI-ET-09-044	12 mm
AI-ET-09-045	15 mm

HEX-HANDLE OSTEOTOMES



AI-ET-09-048

6" (15.2 cm), flat thin blade.

CATALOG #	DESCRIPTION
AI-ET-09-046	2 mm
AI-ET-09-047	3 mm
AI-ET-09-048	4 mm
AI-ET-09-049	5 mm
AI-ET-09-050	6 mm
AI-ET-09-051	7 mm
AI-ET-09-052	9 mm
AI-ET-09-053	10 mm

Raspatories

AUFRICHT RASP



AI-ET-09-054

CATALOG #	DESCRIPTION
AI-ET-09-054	Curved, up-cutting blade, 25 x 9 mm, 8" (20.5 cm)

NASAL INSTRUMENTS

Raspatories



AUFRICHT-GLABELLA RASP



AI-ET-09-055

CATALOG #	DESCRIPTION
AI-ET-09-055	Up and down-cutting, curved blade, 9 x 30 mm, 7-1/2" (19 cm)

CONVERSE RASP



AI-ET-09-056

CATALOG #	DESCRIPTION
AI-ET-09-056	Double-ended, fine and coarse serrations, 7-1/8" (18 cm)

COTTLE RASP



AI-ET-09-057

CATALOG #	DESCRIPTION
AI-ET-09-057	Straight, down-cutting blade, 36 x 9 mm, 8-1/4" (21 cm)

JOSEPH RASP



AI-ET-09-058

CATALOG #	DESCRIPTION
AI-ET-09-058	Fine serrations, 6 -7/8" (15.5 cm)



NASAL INSTRUMENTS

Raspatories



KLEINERT-KUTZ RASP



AI-ET-09-059

CATALOG #	DESCRIPTION
AI-ET-09-059	4-sided tips, 7.5 mm wide, 8-5/8" (22 cm)

MALTZ RASP



AI-ET-09-060

CATALOG #	DESCRIPTION
AI-ET-09-060	Straight, down-cutting blade, 37 x 6 mm, 7-1/8" (18 cm)

WIENER ANTRUM RASP



AI-ET-09-061

CATALOG #	DESCRIPTION
AI-ET-09-061	Medium, 4 mm trocar point, 7-7/8" (20 cm)

NASAL INSTRUMENTS

Scissors



BECKER SEPTUM SCISSORS



CATALOG #	DESCRIPTION
AI-ET-09-062	3/4" (2 cm) serrated blades, 7" (18 cm)

CAPLAN NASAL SCISSORS



CATALOG #	DESCRIPTION
AI-ET-09-063	20 mm serrated blades angled 45 degrees, 7" (18 cm)

FOMAN NASAL SCISSORS



CATALOG #	DESCRIPTION
AI-ET-09-064	40 mm angled, straight, smooth blades, 5-1/2" (14 cm)

NASAL INSTRUMENTS

Scissors



FOMON LOWER LATERAL SCISSORS



CATALOG #	DESCRIPTION
AI-ET-09-065	25 mm strongly curved blades, 5-1/4" (13.5 cm)

KNIGHT NASAL SCISSORS



CATALOG #	DESCRIPTION
AI-ET-09-066	42 mm blades angled 30 degrees, 6-1/4" (16 cm)

RHINOPLASTY FLAT TIP SCISSORS



CATALOG #	DESCRIPTION
AI-ET-09-067	35 mm curved blades, flat dissecting tips, 5-3/8" (13.5 cm)

NASAL INSTRUMENTS

Sinus Instruments



FESS SINOSCOPY FORCEPS



AI-ET-09-068

CATALOG #	DESCRIPTION
AI-ET-09-068	Serrated, 5-3/4" (14.5 cm)

THRU-CUT FORCEPS



AI-ET-09-069

CATALOG #	DESCRIPTION
AI-ET-09-069	Serrated upper jaw, 5-3/4" (14.5 cm)

BACKBITER FORCEPS



AI-ET-09-070

CATALOG #	DESCRIPTION
AI-ET-09-070	Straight, jaw 1.5 x 6 mm, 7" (18 cm)

NASAL INSTRUMENTS

Sinus Instruments



SIDE BITER FORCEPS



AI-ET-09-072

CATALOG #	DESCRIPTION
AI-ET-09-071	Right-side downward cut, 3 mm tip, 5-1/8" (13 cm)
AI-ET-09-072	Left-side downward cut, 3 mm tip, 5-1/8" (13 cm)

KERRISON THRU-CUT RONGEURS



AI-ET-09-073

CATALOG #	DESCRIPTION
AI-ET-09-073	Curved 30 degrees, 7-7/8" (20 cm)
AI-ET-09-074	Curved 70 degrees, rotating, working length 5-5/8" (14.5 cm)
AI-ET-09-075	Straight, rotating, working length 4-3/4" (12 cm)
AI-ET-09-076	Angled 30 degrees, 8" (20.5 cm)
AI-ET-09-077	Angled 45 degrees, 7-3/4" (19.5 cm)



AI-ET-09-075

FRONTAL SINUS THRU-CUT FORCEPS



AI-ET-09-078

CATALOG #	DESCRIPTION
AI-ET-09-078	3.5 mm tip, 8-5/8" (22 cm), 5-1/8" (13 cm)

NASAL INSTRUMENTS

Sinus Instruments



FRONTAL SINUS FORCEPS



AI-ET-09-079

CATALOG #	DESCRIPTION
AI-ET-09-079	5-1/8" (13 cm)

SINUS SEEKERS



AI-ET-09-081

CATALOG #	DESCRIPTION
AI-ET-09-080	Maxillary Seeker: 1.5 mm and 1.8 mm ball tips, 8-1/8" (20.5 cm)
AI-ET-09-081	Frontal Seeker: 1.8 mm ball tip and 0.9 mm tip, 7-7/8" (20 cm)

FRONTAL SINUS CURETTES



AI-ET-09-083



AI-ET-09-085

CATALOG #	DESCRIPTION
AI-ET-09-082	Angled, 45 degrees, 2.8 mm tip, 7-1/2" (19 cm)
AI-ET-09-083	Angled, 45 degrees, 3.5 mm tip, 7-5/8" (19.5 cm)
AI-ET-09-084	Angled, 90 degrees, 2.8 mm tip, 7-1/2" (19 cm)
AI-ET-09-085	Angled, 90 degrees, 3.5 mm tip, 7-5/8" (19.5 cm)

NASAL INSTRUMENTS

Snares



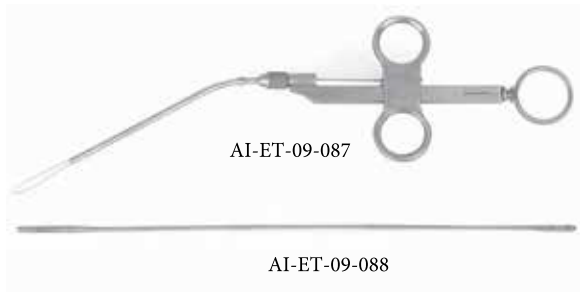
BRUENING BAYONET NASAL SNARE



AI-ET-09-086

CATALOG #	DESCRIPTION
AI-ET-09-086	9" (23 cm)

KRAUSE NASAL SNARES



AI-ET-09-087

AI-ET-09-088

CATALOG #	DESCRIPTION
AI-ET-09-087	10" (25.5 cm)
AI-ET-09-088	Stylet only

NASAL SNARE WIRES



AI-ET-09-091

4-3/8" (11 cm) precut. 144 per package.

CATALOG #	DESCRIPTION
AI-ET-09-089	4 Ga., nose
AI-ET-09-090	5 Ga., nose
AI-ET-09-091	7 Ga., throat
AI-ET-09-092	8 Ga., throat
AI-ET-09-093	9 Ga., throat

NASAL INSTRUMENTS

Specula



TIECK INFANT NASAL SPECULUM



AI-ET-09-094

CATALOG #	DESCRIPTION
AI-ET-09-094	18 mm blade, spread 28 mm, 5-1/2" (14 cm)

SONNENSCHNCHILD NASAL SPECULUM



AI-ET-09-095

CATALOG #	DESCRIPTION
AI-ET-09-095	Small, 27 mm blade, spread 28 mm, angled 80 degrees, 6" (15 cm)

KILLIAN NASAL SPECULUMS



AI-ET-09-098

Removable spring. 5-1/8" (13 cm).

CATALOG #	DESCRIPTION
AI-ET-09-096	Size 1, 45 mm blade
AI-ET-09-097	Size 2, 55 mm blade
AI-ET-09-098	Size 3, 65 mm blade
AI-ET-09-099	Size 4, 80 mm blade



NASAL INSTRUMENTS

Specula



COTTLE SEPTUM SPECULUM



AI-ET-09-100

CATALOG #	DESCRIPTION
AI-ET-09-100	5 cm blade, with locking screw, 5-1/2" (14 cm)

VIENNA NASAL SPECULUMS



AI-ET-09-102

CATALOG #	DESCRIPTION
AI-ET-09-101	Small, #1, 28 mm blade, 5-1/4" (13.5 cm)
AI-ET-09-102	Medium, #2, 30 mm blade, 5-3/8" (13.5 cm)
AI-ET-09-103	Large, #3, 33 mm blade, 5-3/8" (13.5 cm)

PECK-VIENNA NASAL SPECULUM



AI-ET-09-104

CATALOG #	DESCRIPTION
AI-ET-09-104	29 mm blade, 5-3/8" (13.5 cm)

NASAL INSTRUMENTS

Miscellaneous



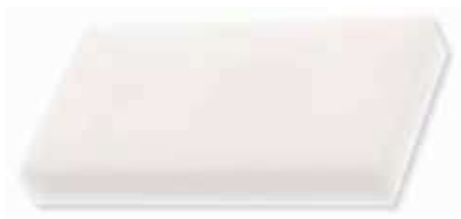
AUFRICHT NASAL RETRACTOR



AI-ET-09-105

CATALOG #	DESCRIPTION
AI-ET-09-105	Small blade, 40 x 8 mm, angled shaft, 6-3/4" (17 cm)

CUTTING BLOCK



AI-ET-09-106

CATALOG #	DESCRIPTION
AI-ET-09-106	Made of POM (polyoxymethylene), 3" x 1-1/2" x 3/8" (7.5 x 4 x 1 cm)

MOUTH AND THROAT INSTRUMENTS

Adenotomes/Tonsillectomes



ADENOTOME BLADES



AI-ET-10-002

Use with LaForce and Shambaugh Adenotomes.
Slanted catch knob.

CATALOG #	DESCRIPTION
AI-ET-10-001	No. 1, small, 55 x 12.5 mm
AI-ET-10-002	No. 2, medium, 55 x 16 mm
AI-ET-10-003	No. 3, large, 55 x 19 mm

LA FORCE ADENOTOMES



AI-ET-10-005

9" (23 cm).

CATALOG #	DESCRIPTION
AI-ET-10-004	No. 1, small, blade 25 x 16 mm
AI-ET-10-005	No. 2, medium, blade 26 x 19 mm
AI-ET-10-006	No. 3, large, blade 30 x 22 mm

SHAMBAUGH REVERSE CURVE ADENOTOMES



AI-ET-10-007

8-5/8" (22 cm).

CATALOG #	DESCRIPTION
AI-ET-10-007	No. 1, small, blade 25 x 16 mm
AI-ET-10-008	No. 2, medium, blade 26 x 19 mm

DANIELS BLADES



AI-ET-10-010

CATALOG #	DESCRIPTION
AI-ET-10-009	No. 1, for 070600 (pg. 522)
AI-ET-10-010	No. 2, for 070601

MOUTH AND THROAT INSTRUMENTS

Adenotomes/Tonselectomes



DANIELS TONSILLECTOME



AI-ET-10-011

4-1/2" (11.5 cm) fluted handle, overall 7-1/8" (18 cm).

CATALOG #	DESCRIPTION
AI-ET-10-011	No. 1, 18 mm blade, 17 mm fenestration

Curettes

BARNHILL ADENOID CURETTES



AI-ET-10-014

CATALOG #	DESCRIPTION
AI-ET-10-012	# 0, 8-1/2" (21.5 cm)
AI-ET-10-013	# 1, 8-1/2" (21.5 cm)
AI-ET-10-014	# 2, 8-1/2" (21.5 cm)
AI-ET-10-015	# 3, 8-1/2" (21.5 cm)
AI-ET-10-016	# 4, 8 5/8" (22 cm)

SHAMBAUGH ADENOID CURETTES



AI-ET-10-018

Reverse curve.

CATALOG #	DESCRIPTION
AI-ET-10-017	Size 0, 11 x 13 mm, 8-1/4" (21 cm)
AI-ET-10-018	Size 2, 15 x 18 mm, 8-1/4" (21 cm)
AI-ET-10-019	Size 4, 19 X 22 mm, 8-1/4" (21 cm)

MOUTH AND THROAT INSTRUMENTS

Forceps



COLLINS TONGUE SEIZING FORCEPS



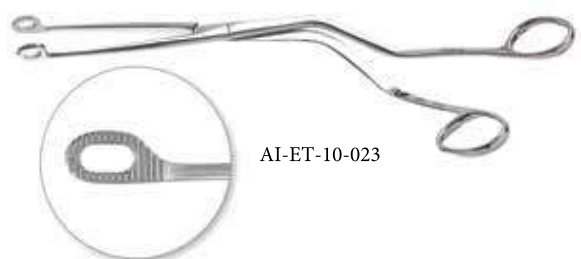
CATALOG #	DESCRIPTION
AI-ET-10-020	Straight, 6-3/4" (17 cm)

COLVER COAKLEY TONSIL FORCEPS



CATALOG #	DESCRIPTION
AI-ET-10-021	Straight, 7-1/2" (19 cm)
AI-ET-10-022	Curved, 7-1/2" (19 cm)

MAGILL CATHETER FORCEPS



Catheter introducing forceps with cross serration.

CATALOG #	DESCRIPTION
AI-ET-10-023	Adult, 9-1/4" (23.5 cm)
AI-ET-10-024	Child, 7-1/8" (18 cm)

MOUTH AND THROAT INSTRUMENTS

Forceps



WHITE TONSIL FORCEPS



AI-ET-10-026

Curved.

CATALOG #	DESCRIPTION
AI-ET-10-025	7-1/8" (18 cm)
AI-ET-10-026	9-1/2" (24 cm)

Laryngeal Mirrors

LARYNGEAL MIRRORS



AI-ET-10-031

Extra thin, permanently mounted on handle.
Shaft length is 6-3/4" (17 cm). 8" overall length.

CATALOG #	DESCRIPTION
AI-ET-10-027	#000, 8 mm diameter
AI-ET-10-028	#00, 10 mm diameter
AI-ET-10-029	#0, 12 mm diameter
AI-ET-10-030	#1, 16 mm diameter
AI-ET-10-031	#2, 18 mm diameter
AI-ET-10-032	#3, 20 mm diameter
AI-ET-10-033	#4, 22 mm diameter
AI-ET-10-034	#5, 24 mm diameter
AI-ET-10-035	#6, 28 mm diameter
AI-ET-10-036	#7, 30 mm diameter

Mouth Gags

DAVIS & MCIVOR LEFT TONGUE BLADES



AI-ET-10-038

6" (15 cm), for use with right bite Davis Mouth Gags.

CATALOG #	DESCRIPTION
AI-ET-10-037	Blade Size 2, 2-7/16" x 15/16" (62 x 24 mm)
AI-ET-10-038	Blade Size 3, 3" x 1-1/16" (76 x 27 mm)
AI-ET-10-039	Blade Size 4, 3-9/16" x 1-5/16" (90 x 34 mm)

MOUTH AND THROAT INSTRUMENTS

Mouth Gags



DAVIS & MCIVOR RIGHT TONGUE BLADES



AI-ET-10-041

6" (15 cm), for use with left bite Davis Mouth Gags.

CATALOG #	DESCRIPTION
AI-ET-10-040	Blade Size 2, 2-7/16" x 15/16" (62 x 24 mm)
AI-ET-10-041	Blade Size 3, 3" x 1-1/16" (76 x 27 mm)
AI-ET-10-042	Blade Size 4, 3-9/16" x 1-5/16" (90 x 34 mm)

DAVIS MOUTH GAG BLADE, SIZE 2



AI-ET-10-043

Without either tubes, fits Davis Mouth Gags only.

CATALOG #	DESCRIPTION
AI-ET-10-043	Size 2, 70 x 24 mm blade

MOUTH AND THROAT INSTRUMENTS

Mouth Gags



DAVIS MOUTH GAGS



AI-ET-10-044



AI-ET-10-047

Double bite with silicone liner.

CATALOG #	DESCRIPTION
AI-ET-10-044	Adult, right bite, 15 x 13 mm block, 80 mm spread, 6-1/8" (15.5 cm)
AI-ET-10-045	Adult, left bite, 15 x 13 mm block, 80 mm spread, 6-1/8" (15.5 cm)
AI-ET-10-046	Child, right bite, 15 x 9 mm block, 70 mm spread, 5-1/2" (14 cm)
AI-ET-10-047	Child, left bite, 15 x 9 mm block, 70 mm spread, 5-1/2" (14 cm)
AI-ET-10-048	One dozen replacement silicone liners for both Adult and Child



AI-ET-10-048

DINGMAN MOUTH GAG



AI-ET-10-049

CATALOG #	DESCRIPTION
AI-ET-10-049	Set, frame with 3 blades (64 x 25 mm, 70 x 29 mm, 62 x 30 mm), 5-3/4" (14.5 cm)

MOUTH AND THROAT INSTRUMENTS

Mouth Gags



JENNINGS MOUTH GAG



AI-ET-10-050

CATALOG #	DESCRIPTION
AI-ET-10-050	Adult, working length 6" (15 cm), spread 66 mm, 7-3/4" (19.5 cm)

MCIVOR MOUTH GAG



AI-ET-10-051

CATALOG #	DESCRIPTION
AI-ET-10-051	Set, frame with 3 blades (# 2.5, # 3, # 4), each 5-3/8" (13.5 cm)
AI-ET-10-052	Frame only
AI-ET-10-053	Blade # 3, 5-3/8" (13.5 cm)



AI-ET-10-052



MOUTH AND THROAT INSTRUMENTS

Mouth Gags



SLUDER-JANSEN MOUTH GAG



AI-ET-10-054

CATALOG #	DESCRIPTION
AI-ET-10-054	Curved, 28 x 13 mm blade, 5-1/8" (13 cm)

DENHARDT MOUTH GAG



AI-ET-10-055

CATALOG #	DESCRIPTION
AI-ET-10-055	Serrated, lead bit block 10 x 16 mm, 4-7/8" (12.5 cm)

Retractors

ANDREWS TONGUE DEPRESSOR



AI-ET-10-056

CATALOG #	DESCRIPTION
AI-ET-10-056	Deeply serrated, 21 x 48 mm blade, 30 degree angle, 4-1/2" (11.5 cm)

MOUTH AND THROAT INSTRUMENTS

Retractors



WIEDER TONGUE DEPRESSORS



AI-ET-10-057

Fenestrated, serrated.

CATALOG #	DESCRIPTION
AI-ET-10-057	Small blade, 41 x 36 mm, 5-9/16" (14 cm)
AI-ET-10-058	Large blade, 43 x 43 mm, 6" (15 cm)

HURD DISSECTOR AND PILLAR RETRACTORS

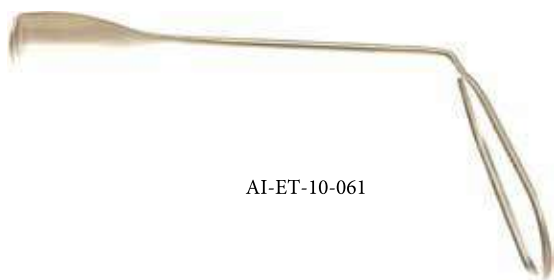


AI-ET-10-060

9" (23 cm).

CATALOG #	DESCRIPTION
AI-ET-10-059	Small dissector 27 x 7 mm, retractor 11 mm
AI-ET-10-060	Large dissector 27 x 9 mm, retractor 13 mm

LOTHROP UVULA RETRACTOR



AI-ET-10-061

CATALOG #	DESCRIPTION
AI-ET-10-061	Grooved 36 x 19 mm blade with 5 mm deep lip, 5-3/8" (13.5 cm)

MOUTH AND THROAT INSTRUMENTS

Scissors



BOETTCHER TONSIL SCISSORS



AI-ET-10-062

CATALOG #	DESCRIPTION
AI-ET-10-062	Slightly curved, 42 mm blades, 7-1/4" (18.5 cm)

DEAN TONSIL SCISSORS



AI-ET-10-063

CATALOG #	DESCRIPTION
AI-ET-10-063	32 mm serrated blades, angled on flat, curved shanks, 6-3/4" (17 cm)

YANKAUER TONSIL SCISSORS



AI-ET-10-064

CATALOG #	DESCRIPTION
AI-ET-10-064	Slightly curved, serrated, 42 mm blades, 7-1/8" (18 cm)

MOUTH AND THROAT INSTRUMENTS

Snares



EVE TONSIL SNARES



AI-ET-10-065



AI-ET-10-066

CATALOG #	DESCRIPTION
AI-ET-10-065	Standard, 11-1/4" (28.5 cm)
AI-ET-10-066	Ratcheted, 11-3/8" (29 cm)

NEIVERT-EVE TONSIL SNARE



AI-ET-10-067

CATALOG #	DESCRIPTION
AI-ET-10-067	10-3/8" (26.5 cm)

LEWIS TONSIL SNARE



AI-ET-10-068

CATALOG #	DESCRIPTION
AI-ET-10-068	10-1/4" (26 cm)

MOUTH AND THROAT INSTRUMENTS

Snares



SAGE TONSIL SNARE



AI-ET-10-069

CATALOG #	DESCRIPTION
AI-ET-10-069	Ratcheted, working length 8-5/8" (22 cm)

TYDING TONSIL SNARE



AI-ET-10-070

CATALOG #	DESCRIPTION
AI-ET-10-070	Straight tip, 10" (25.5 cm)

THROAT SNARE WIRES



AI-ET-10-073

4-3/8" (11 cm) precut. 144 per package.

CATALOG #	DESCRIPTION
AI-ET-10-071	4 Ga., nose
AI-ET-10-072	5 Ga., nose
AI-ET-10-073	7 Ga., throat
AI-ET-10-074	8 Ga., throat
AI-ET-10-075	9 Ga., throat

MOUTH AND THROAT INSTRUMENTS

Miscellaneous



FISHER TONSIL KNIFE AND DISSECTOR



AI-ET-10-076

CATALOG #	DESCRIPTION
AI-ET-10-076	17 x 7 mm serrated outer blade, 8-5/8" (22 cm)

HOLINGER KNIFE HANDLE



AI-ET-10-077

For use with surgical blades no. 10, 11, 12 and 15.

CATALOG #	DESCRIPTION
AI-ET-10-077	11" (28 cm)

MELTZER ADENOID PUNCH



AI-ET-10-079

With basket.

CATALOG #	DESCRIPTION
AI-ET-10-078	# 1, 5 mm, working length 5-1/2" (14 cm)
AI-ET-10-079	# 2, 7 mm, working length 5-1/2" (14 cm)



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CERTIFICATIONS

