



MADE IN THE USA

PLASTIC ENDOSCOPY



WE DESIGN, MANUFACTURE, & SELL THE TOOLS THE SURGEONS USE

ELMED INC.
35 N. BRANDON DR.
GLENDALE HEIGHTS,
IL 60139
USA

WE SUBSCRIBE TO
COST CONTAINMENT
AND PROTECTION
OF THE
ENVIRONMENT



MADE IN THE USA

THEREFORE, WE
MANUFACTURE
REUSABLE PRODUCTS
FOR A CLEANER
WORLD

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RIGID SCOPES FOR ENDOPLASTIC SURGERY



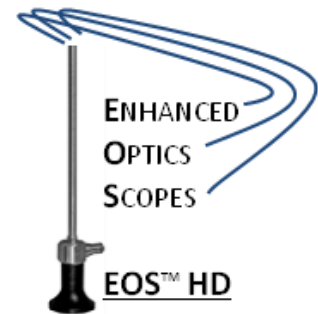
MADE IN THE USA

ELMED EOS™ HD ENDOPLASTIC SCOPES



FEATURES:

- MADE WITH PREMIUM GERMAN OPTICAL LENS SYSTEMS
- GLASS FIBER-LIGHT CONE FOR BRIGHT PICTURE
- FULLY AUTOCLAVABLE BY ALL STANDARD STERILIZATION METHODS
- STORZ-TYPE SLEEVE LOCK (OTHERS AVAILABLE UPON REQUEST)
- STANDARD TYPE ACMI LIGHT POST W/ WOLF STORZ ADAPTERS
- ONE YEAR WARRANTY ON MATERIAL & WORKMANSHIP



ITEM No.	DESCRIPTION
37270-00	ELMED EOS™ HD ENDOSCOPE: 2.7 MM Ø, 0° VIEWING
37270-30	ELMED EOS™ HD ENDOSCOPE: 2.7 MM Ø, 30° VIEWING
37270-45	ELMED EOS™ HD ENDOSCOPE: 2.7 MM Ø, 45° VIEWING
37270-70	ELMED EOS™ HD ENDOSCOPE: 2.7 MM Ø, 70° VIEWING
37290-00	ELMED EOS™ HD ENDOSCOPE: 2.9 MM Ø, 0° VIEWING
37290-30	ELMED EOS™ HD ENDOSCOPE: 2.9MM Ø, 30° VIEWING
37290-45	ELMED EOS™ HD ENDOSCOPE: 2.9 MM Ø, 45° VIEWING
37290-70	ELMED EOS™ HD ENDOSCOPE: 2.9 MM Ø, 70° VIEWING
37400-00	ELMED EOS™ HD ENDOSCOPE: 4.0 MM Ø, 0° VIEWING
37400-30	ELMED EOS™ HD ENDOSCOPE 4.0 MM Ø, 30° VIEWING
37400-45	ELMED EOS™ HD ENDOSCOPE: 4.0 MM Ø, 45° VIEWING
37400-70	ELMED EOS™ HD ENDOSCOPE: 4.0MM Ø, 70° VIEWING



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PLASTIC ENDOSCOPY INSTRUMENTS



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TYPE 1:
INSULATED WITH
RF-POST



TYPE 12:
STAINLESS STEEL
AXIAL HANDLE W/ ON/
OFF RATCHET LOCK

ELMED FEATURES A LINE OF HIGH QUALITY ENDOPLASTIC INSTRUMENTS WITH A CHOICE OF 2 DIFFERENT HANDLE STYLES FOR THE MOST COMFORTABLE SURGICAL PROCEDURES.

	ITEM No.		LENGTH	DESCRIPTION
	37320-64B12	37320-64C1	33CM	3MM Ø, 13CM, ENDOPLASTIC METZENBAUM SCISSORS, 30° ANGLED
	37350-64B12	37350-64C1	33 CM	5MM Ø, 13CM, ENDOPLASTIC METZENBAUM SCISSORS, 30° ANGLED
	37320-64B12	37320-64C1	33CM	3MM Ø, 13CM, ENDOPLASTIC HOOK SCISSORS, 30° ANGLED
	37520-60C1	37520-64C1	33CM	5MM Ø, 13CM, ENDOPLASTIC HOOK SCISSORS, 30° ANGLED
	37320-71C1	37320-71B12	33CM	3MM Ø, 13CM, ENDOPLASTIC PUNCH, 30° ANGLED
	37520-71C1	37520-71B12	33CM	5MM Ø, 13CM, ENDOPLASTIC PUNCH, 30° ANGLED
	S37320-64C1	S37320-64B12	33CM	5MM Ø, 13CM, ENDOPLASTIC METZENBAUM SCISSORS, STRAIGHT
	S37520-64C1	S37520-64B12	33CM	5MM Ø, 13CM, ENDOPLASTIC METZENBAUM SCISSORS, STRAIGHT
	37320-61C1	37320-61B12	33CM	3MM Ø, 13MM, ENDOPLASTIC METZENBAUM SCISSORS, MICRO 30° ANGLED
	37520-61C1	37520-61B12	33CM	5MM Ø, 13MM, ENDOPLASTIC METZENBAUM SCISSORS, MICRO 30° ANGLED
	S37320-61C1	S37320-61B12	33CM	5MM Ø, 13CM, ENDOPLASTIC METZENBAUM SCISSORS, MICRO STRAIGHT
	S37520-61C1	S37520-61B12	33CM	5MM Ø, 13CM, ENDOPLASTIC METZENBAUM SCISSORS, MICRO STRAIGHT



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PLASTIC ENDOSCOPY INSTRUMENTS



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TYPE 1:
INSULATED WITH
RF-POST



TYPE 12:
STAINLESS STEEL
AXIAL HANDLE W/ ON/
OFF RATCHET LOCK

ELMED FEATURES A LINE OF HIGH QUALITY ENDOPLASTIC INSTRUMENTS WITH A CHOICE OF 2 DIFFERENT HANDLE STYLES FOR THE MOST COMFORTABLE SURGICAL PROCEDURES.

ITEM NO.		LENGTH	DESCRIPTION
	37320-03C1 37320C-03B12	33CM	3MM Ø, 13CM, ENDOPLASTIC GRASPING FORCEPS, 30° ANGLED
	37520-03C1 37520C-03B12	33 CM	5MM Ø, 13CM, ENDOPLASTIC GRASPING FORCEPS, 30° ANGLED
	37320-03C1 37320-03B12	33CM	3MM Ø, 13CM, ENDOPLASTIC GRASPING FORCEPS, STRAIGHT
	37520-03C1 37520-03B12	33CM	5MM Ø, 13CM, ENDOPLASTIC GRASPING FORCEPS, STRAIGHT
	37320-06C1 37320-06B12	33CM	3MM Ø, 13CM, ENDOPLASTIC MARYLAND FORCEPS, 30° ANGLED
	37520-06C1 37520-06B12	33CM	5MM Ø, 13CM, ENDOPLASTIC MARYLAND FORCEPS, 30° ANGLED
	S37320-06C1 S37320-06B12	33CM	3MM Ø, 13CM, ENDOPLASTIC MARYLAND FORCEPS, STRAIGHT
	S37520-06C1 S37520-06B12	33CM	5MM Ø, 13CM, ENDOPLASTIC MARYLAND FORCEPS, STRAIGHT
	37320-05C1 S37320-06B12	33CM	3MM Ø, 13CM, ENDOPLASTIC GRASPING FORCEPS, HEAVY SERRATED, 30° ANGLED
	37520-05C1 S37520-06B12	33CM	5MM Ø, 13CM, ENDOPLASTIC GRASPING FORCEPS, HEAVY SERRATED, 30° ANGLED
	S37320-05C1 S37320-05B12	33CM	3MM Ø, 13CM, ENDOPLASTIC GRASPING FORCEPS, HEAVY SERRATED, STRAIGHT
	S37520-05C1 S37520-05B12	33CM	5MM Ø, 13CM, ENDOPLASTIC GRASPING FORCEPS, HEAVY SERRATED, STRAIGHT



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ELMED FEATURES A LINE OF HIGH QUALITY ENDOPLASTIC INSTRUMENTS WITH A CHOICE OF 2 DIFFERENT HANDLE STYLES FOR THE MOST COMFORTABLE SURGICAL PROCEDURES.



TYPE 1:
INSULATED WITH
RF-POST



TYPE 12:
STAINLESS STEEL
AXIAL HANDLE W/ ON/
OFF RATCHET LOCK

	ITEM NO.		LENGTH	DESCRIPTION
	37320-09C1	37320-09B12	33CM	3MM Ø, 13CM, ENDOPLASTIC DUCK NOSE FORCEPS, 30° ANGLED
	37520-09C1	37520-09B12	33 CM	5MM Ø, 13CM, ENDOPLASTIC DUCK NOSE FORCEPS, 30° ANGLED
	S37320-09C1	S37320-09B12	33CM	3MM Ø, 13CM, ENDOPLASTIC DUCK NOSE FORCEPS, STRAIGHT SHAFT
	S37520-09C1	S37520-09B12	33CM	5MM Ø, 13CM, ENDOPLASTIC DUCK NOSE FORCEPS, STRAIGHT SHAFT
	37328-64C1	37328-64B12	33CM	3MM Ø, 13CM, ENDOPLASTIC METZENBAUM SCISSORS, CURVED SHAFT
	37528-64C1	37528-64B12	33CM	5MM Ø, 13CM, ENDOPLASTIC METZENBAUM SCISSORS, CURVED SHAFT
	37328-64C1	37528-64B12	33CM	3MM Ø, 13CM ENDOPLASTIC METZENBAUM SCISSORS, STRAIGHT SHAFT
	37328-64C1	37528-64B12	33CM	5MM Ø, 13CM ENDOPLASTIC METZENBAUM SCISSORS, STRAIGHT SHAFT
	37328-03C1	37328-03B12	33CM	3MM Ø, 13CM ENDOPLASTIC GRASPING FORCEPS, CURVED SHAFT
	37528-03C1	37528-03B12	33CM	5MM Ø, 13CM ENDOPLASTIC GRASPING FORCEPS, CURVED SHAFT
	37328-03C1	37328-03B12	33CM	3MM Ø, 13CM ENDOPLASTIC GRASPING FORCEPS, STRAIGHT SHAFT
	37528-03C1	37528-03B12	33CM	5MM Ø, 13CM ENDOPLASTIC GRASPING FORCEPS, STRAIGHT SHAFT



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PLASTIC ENDOSCOPY INSTRUMENTS



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5MM Ø, 5" (12.5CM) DANIEL
ENDOFORHEAD GRASPING
FORCEPS

CURVED
LEFT

36-5015

CURVED
RIGHT

36-5016



5MM Ø, 5" (12.5CM) DANIEL
ENDOFORHEAD STRAIGHT SCISSORS

STRAIGHT

36-5005



5MM Ø, 5" (12.5CM)
DANIEL ENDOFORHEAD
PUNCHES

CURVED
LEFT

36-5010

CURVED
RIGHT

36-5011



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BREAST DISSECTORS



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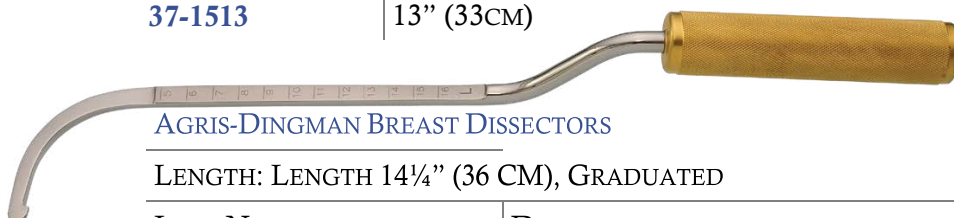
SPATULATED DISSECTOR

ITEM NO.	LENGTH
37-1503	13" (33CM)



JACOBS BREAST DISSECTOR

ITEM NO.	LENGTH
37-1513	13" (33CM)



AGRIS-DINGMAN BREAST DISSECTORS

LENGTH: LENGTH 14¼" (36 CM), GRADUATED

ITEM NO.	DESCRIPTION
37-1520	PAIR (SET OF 2) LEFT & REIGHT
37-1521	LEFT
37-1522	RIGHT



MCCOLLUM-DINGMAN
SUBMAMMARY DISSECTOR

ITEM NO.	LENGTH
37-1530	13" (33CM)



MCCOLLUM-DINGMAN BREAST
DISSECTORS

ITEM NO.	LENGTH
37-1531	12½ (31.5CM)
37-1541	16¼ (41CM)

EMORY STYLE BREAST DISSECTOR
CURVED, BLUNT BLADE

ITEM NO.	LENGTH
37-1593	12" (30CM)



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BREAST DISSECTORS



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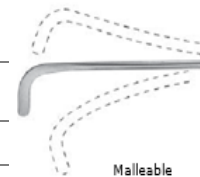
REYNOLDS TRANSAUXILLARY BREAST
DISSECTORS

FULL BLADE	FENESTRATED	LENGTH
37-1551	37-1553	13" (33 CM)
37-1552	37-1554	16" (40 CM)



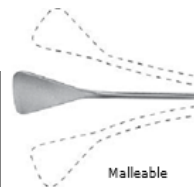
BREAST DISSECTORS—ANGULATED BLADES

MALLEABLE	RIGID	RIGID	LENGTH
37-1567	37-1563	37-1561	13" (33 CM)
37-1568	37-1564	37-1562	16" (40 CM)



BREAST DISSECTORS—SPATULATED BLADES

MALLEABLE	RIGID	RIGID	LENGTH
37-1577	37-1573	37-1571	13" (33 CM)
37-1578	37-1574	37-1572	16" (40 CM)



BREAST DISSECTORS—OVAL SPATULATED BLADES

MALLEABLE	RIGID	RIGID	LENGTH
37-1587	37-1583	37-1581	13" (33 CM)
37-1588	37-1584	37-1582	16" (40 CM)



LOCKWOOD UNDERMINER DISSECTOR

ITEM No.	LENGTH
37-1600	15" (380 MM)



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BREAST DISSECTORS



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TREPSAT FACIAL FLAP DISSECTOR SCISSORS LENGTH 7" (18 CM)

SUPERCUT	SIZE	BLADES
37-1514	SMALL	9.5 MM X 14 MM
37-1518	MEDIUM	12 MM X 18 MM
37-1540	LARGE	22 MM X 39 MM



BREAST/FACIAL SPREADERS

ITEM NO.	WIDTH	LENGTH/SIZE
37-17022	29MM	8¾" (22.0 CM), SMALL
37-17029	29MM	11½" (29.5 CM), LARGE



ICONCLAST (BREAST SPREADERS)

ITEM NO.	WIDTH	LENGTH / SIZE
37-17122	3¼" (8.3 CM)	8¾" (22.0 CM), SMALL
37-17129	5¼" (14.5 CM)	11½" (29.5 CM), LARGE



TRANSUMBILICAL BREAST AUGMENTATION

ITEM NO.	SET OF 5
572-2001	V-SHAPED BREAST DISSECTOR WITH HANDLE
572-2002	HOCKEY STICK BREAST DISSECTOR WITH HANDLE
572-2003	BULLET & ROUND TIP BREAST DISSECTOR SET WITH HANDLE & 4 TIPS
572-2011	TROCAR TUBE LARGE
572-2012	TROCAR TUBE SMALL



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TUBA INSTRUMENTS



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V-SHAPED BREAST DISSECTOR

LIGHTWEIGHT DETACHABLE RESIN HANDLE

ITEM NO.	TOTAL LENGTH	SHAFT LENGTH	TIP WIDTH
37-2001	18 $\frac{1}{8}$ " (46 CM)	12 $\frac{1}{2}$ " (31.8.CM)	$\frac{1}{2}$ " (13 MM)



HOCKEY STICK BREAST DISSECTOR

LIGHTWEIGHT DETACHABLE RESIN HANDLE

ITEM NO.	TOTAL LENGTH	SHAFT LENGTH	TIP WIDTH
37-2002	18 $\frac{1}{8}$ " (46 CM)	12 $\frac{1}{4}$ " (31.1CM)	1 $\frac{1}{8}$ " (28 MM)



BULLET AND ROUND TIP BREAST DISSECTOR, WITHOUT TIP
INCLUDES 4 INTERCHANGEABLE TIPS & ONE LIGHTWEIGHT
DETACHABLE RESIN HANDLE

ITEM NO.	TOTAL LENGTH	SHAFT LENGTH
37-2003	20" (50.8 CM)	12 $\frac{1}{4}$ " (31.1 cm)



TROCAR BREAST TUBES

ITEM NO.	SIZE	TOTAL LENGTH
572-2011	LARGE, (17.3 MM ID, 19 MM OD)	14" (35.6 CM)
572-2012	SMALL, (14 MM ID, 16 MM OD)	13 $\frac{1}{2}$ " (34.3 CM)

ACCESSORIES

FOR TRANS UMBILICAL BREAST AUGMENTATION DISSECTORS

37-2004	LARGE, (17.2 MM WIDE X 34.2 LONG)	572-2003
37-2005	SMALL, (13.9 MM WIDE X 33.0 LONG)	572-2003
ROUND TIP	SIZE	FOR
37-2006	LARGE, (17.2 MM WIDE X 29.7 LONG)	572-2003
37-2007	SMALL, (13.9 MM WIDE X 30.7 LONG)	572-2003
HANDLE	FOR	
37-2008	572-2001 - 572-2003	



37-2004



37-2005



37-2006



37-2007



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FOREHEAD & FACELIFT ENDO DISSECTORS



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SCALP ELEVATORS



ITEM NO.	BLADE	SHAPE
37-1601	12.5MM WIDE	SLIGHTLY CURVED



ITEM NO.	BLADE	SHAPE
37-1602	12.5MM WIDE	SLIGHTLY CURVED



ITEM NO.	BLADE	SHAPE
37-1604	12.5MM WIDE	"S" SHAPED



ITEM NO.	BLADE	SHAPE
37-1605	15MM WIDE	SLIGHTLY CURVED



ITEM NO.	BLADE	SHAPE
37-1603	7MM WIDE	STRAIGHT



ITEM NO.	BLADE	SHAPE
37-1606	7MM WIDE	QUARTER CURVED



ITEM NO.	BLADE	SHAPE
37-1607	7MM WIDE	FULLY CURVED



ITEM NO.	BLADE	SHAPE
37-1608	7MM WIDE	HALF CURVED

LENGTH 9³/₄" (24CM)



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FOREHEAD & FACELIFT ENDO DISSECTORS



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SCALP ELEVATORS AND FRONTOTEMPORAL



LENGTH 9¾" (24CM), WITH SUCTION

ITEM NO.	BLADE	SHAPE
37-1611	7MM WIDE	SLIGHTLY CURVED



LENGTH 10½" (26CM), WITH SUCTION

ITEM NO.	BLADE	SHAPE
37-1612	8.5MM WIDE	SLIGHTLY CURVED



FRONTOTEMPORAL DISSECTORS

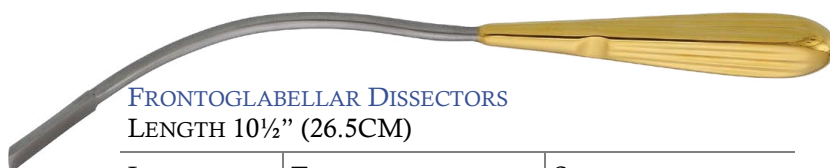
ITEM NO.	LENGTH/TIP	SHAPE
37-1621	9MM (22.5CM) WIDE/5MM	SLIGHTLY CURVED



ITEM NO.	LENGTH/TIP	SHAPE
37-1622	9MM (23CM) WIDE/7MM	SLIGHTLY CURVED



ITEM NO.	LENGTH/TIP	SHAPE
37-1623	9MM (23CM) WIDE/10MM	SLIGHTLY CURVED



FRONTOGLABELLAR DISSECTORS LENGTH 10½" (26.5CM)

ITEM NO.	TIP	SHAPE
37-1641	7MM	"S" SHAPED



FLAP DISSECTOR LENGTH 9½" (23.5CM)

ITEM NO.	TIP	SHAPE
37-1643	5MM	STRAIGHT



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FOREHEAD & FACELIFT ENDO DISSECTORS



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FRONTOGLABELLAR DISSECTOR, PERIOSTEAL ELEVATORS

FLAP DISSECTOR—LENGTH 9½" (23.5CM)

ITEM NO.	TIP	SHAPE
37-1643	5MM WIDE	STRAIGHT



ZYGOMATIC ARCH ELEVATOR—LENGTH 8¼" (20.5CM)

ITEM NO.	TIP	SHAPE
37-1651	5MM WIDE	STRAIGHT



ORBITAL RIM DISSECTOR—LENGTH 9" (22.5CM)

ITEM NO.	TIP	SHAPE
37-1651	10MM WIDE	SLIGHTLY CURVED



TEMPORAL T- DISSECTOR—LENGTH 9½" (23.5CM)

ITEM NO.	TIP	SHAPE
37-1629	10MM WIDE	STRAIGHT



PERIOSTEAL ELEVATORS—LENGTH 10" (25CM)

ITEM NO.	TIP	SHAPE
37-1631	12MM WIDE	"S" SHAPED



PERITONEAL SPREADERS—LENGTH 9¾" (24CM)

ITEM NO.	TIP	SHAPE
37-1632	8MM WIDE	"S" SHAPED



PERITONEAL SPREADERS—LENGTH 9¾" (24CM)

ITEM NO.	TIP	SHAPE
37-1633	10CM WIDE	"S" SHAPED



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FOREHEAD & FACELIFT ENDO DISSECTORS



MADE IN THE USA

PERIOSTEAL ELEVATORS, NERVE PROTECTOR & KNIFE

ARCUS MARGINALIS DISSECTORS—LENGTH 9¾" (24 CM)

ITEM NO.	TIP	SHAPE
37-1642	10MM WIDE	"S" SHAPED



TRANSORAL DISSECTORS—LENGTH 9¾" (24CM)

ITEM NO.	TIP	SHAPE
37-1652	12MM WIDE	MULTIPLE CURVES



TRANSORAL DISSECTORS—LENGTH 9¾" (24 CM)

ITEM NO.	SHAPE
37-1654	CURVED



CORRUGATED & PROCRUS MUSCLE DISSECTOR LENGTH 7¾" (19.5CM)

ITEM NO.	BLADE
37-1661	4.7MM WIDE



NERVE PROTECTORS LENGTH 6¾" (17CM)

ITEM NO.	TIP	SHAPE
37-1662	4.5MM WIDE	CURVED LEFT



TRANSORAL DISSECTORS—LENGTH 6¾" (23.5CM)

ITEM NO.	TIP	SHAPE
37-1663	4.5MM WIDE	CURVED RIGHT



NERVE CUTTING KNIFE—LENGTH 6¾" (17CM)

ITEM NO.	TIP	SHAPE
37-1664	3MM WIDE	CURVED



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FOREHEAD & FACELIFT ENDO DISSECTORS



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NERVE HOOKS, NERVE DISSECTORS

KNIFE HANDLE, FOR PLASTIC SURGERY—LENGTH 9 $\frac{3}{4}$ " (24CM)

ITEM NO.	LENGTH
37-1669	8 $\frac{1}{4}$ " (20.5CM)



NERVE HOOKS—LENGTH 9 $\frac{3}{4}$ " (24 CM)

ITEM NO.	SHAFT
37-1667	RIGID
37-1668	MALLEABLE



NERVE DISSECTOR—LENGTH 9 $\frac{3}{4}$ " (24CM)

ITEM NO.	TIP	SHAPE
37-1670	12MM WIDE	MULTIPLE CURVES



NERVE HOOKS—LENGTH 9 $\frac{3}{4}$ " (24CM)

ITEM NO.	TIP
37-1665	LEFT HOOK
37-1666	RIGHT HOOK



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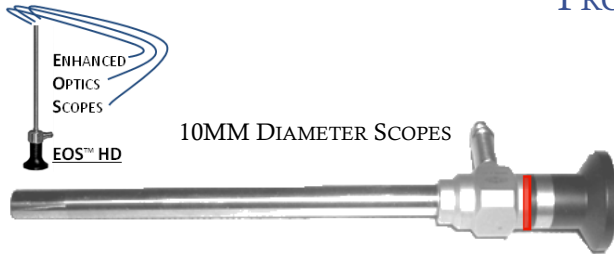


ENDOPLASTIC SCOPE & RETRACTOR SYSTEM



MADE IN THE USA

ELMED EOS™ HD SCOPES & RETRACTORS FOR BREAST SURGICAL PROCEDURES



ITEM No.	DESCRIPTION
37100-00	10MM, 8", ELMED EOS™ HD ENDOPLASTIC SCOPE, 0°
37100-30	10MM, 8", ELMED EOS™ HD ENDOPLASTIC SCOPE, 30°
37100-01	10MM, 12", ELMED EOS™ HD ENDOPLASTIC SCOPE, 0°
37100-31	10MM, 12", ELMED EOS™ HD ENDOPLASTIC SCOPE, 30°

ENDOPLASTIC RETRACTOR FOR 10MM SCOPES- SINGLE SUCTION PORT & SCOPE LOCK

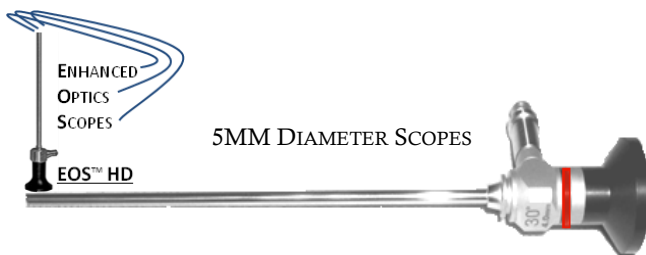


ITEM No.	DESCRIPTION
38-5200	1" X 4 3/4" BLADE
38-5210	9/16" X 4 3/4" BLADE
38-5211	1" X 6" BLADE
38-5217	1" X 10" BLADE

ENDOPLASTIC RETRACTOR FOR 10MM SCOPES- DUAL SUCTION PORTS & SCOPE LOCK



ITEM No.	DESCRIPTION
38-5300	1" X 4 3/4" BLADE
38-5301	1" X 6" BLADE
38-5302	1" X 10" BLADE



ITEM No.	DESCRIPTION
37500-00	5MM, 8", ELMED EOS™ HD ENDOPLASTIC SCOPE, 0°
37500-30	5MM, 8", ELMED EOS™ HD ENDOPLASTIC SCOPE, 30°
37500-01	5MM, 12", ELMED EOS™ HD ENDOPLASTIC SCOPE, 0°
37500-31	5MM, 12", ELMED EOS™ HD ENDOPLASTIC SCOPE, 30°

ENDOPLASTIC RETRACTOR FOR 5MM SCOPES- SINGLE SUCTION PORT & SCOPE LOCK



ITEM No.	DESCRIPTION
38-5216	1" X 4 3/4" BLADE
38-5218	9/16" X 4 3/4" BLADE
38-5220	1" X 6" BLADE

ENDOPLASTIC RETRACTOR FOR 5MM SCOPES- DUAL SUCTION PORTS & SCOPE LOCK



ITEM No.	DESCRIPTION
38-5310	1" X 4 3/4" BLADE
38-5311	1" X 6" BLADE
38-5312	1" X 10" BLADE



WE DESIGN, MANUFACTURE & SELL THE TOOLS THE SURGEONS USE

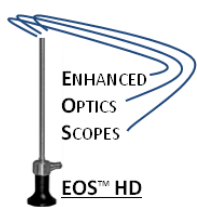


ENDOPLASTIC SCOPE & CANNULA SYSTEM



MADE IN THE USA

ELMED EOS™ HD SCOPES & CANNULAS FOR FOREHEAD SURGERY

	ITEM NO.	DESCRIPTION
	37400-00	ELMED EOS™ HD ENDOSCOPE, 4MM, 0°
	37400-30	ELMED EOS™ HD ENDOSCOPE, 4MM, 30°

BERNARD-MOREL ENDO FOREHEAD CANNULA



ITEM NO.	DESCRIPTION
36-2740	ENDO FOREHEAD CANNULA, 4MM DIA., 10MM WIDE TIP
36-2750	ENDO FOREHEAD CANNULA, 5MM DIA., 10MM WIDE TIP
36-2741	ENDO FOREHEAD CANNULA, 4MM DIA., 15MM WIDE TIP
36-2751	ENDO FOREHEAD CANNULA, 5MM DIA., 15MM WIDE TIP

FEATURES:

- SPECIFICALLY DESIGNED FOR SHIELDING THE ENDOSCOPE TIP FROM THE SURROUNDING TISSUES.
- FLAT TIP DESIGN FOR ENHANCED ELEVATION & IMPROVE OPERATIVE VIEW. ALLOWS THE ENDOSCOPE TO BE USED SIMULTANEOUSLY FOR RETRACTION & VISUALIZATION.
- SINGLE PORT FOR BOTH SUCTION & IRRIGATION IS PLACED ON THE SURGEON'S NON-DOMINANT SIDE.

DANIEL ENDO FOREHEAD CANNULA



ITEM NO.	DESCRIPTION
36-2742	ENDO FOREHEAD CANNULA, 4MM DIA.
36-2752	ENDO FOREHEAD CANNULA, 5MM DIA.

FEATURES:

- SPECIALLY DESIGNED FOR SHIELDING THE ENDOSCOPE TIP FROM THE SURROUNDING TISSUES. ALLOWS THE ENDOSCOPE TO BE USED
- SIMULTANEOUSLY FOR RETRACTION & VISUALIZATION.
- SINGLE PORT FOR BOTH SUCTION & IRRIGATION IS PLACED ON THE SURGEON'S NON-DOMINANT SIDE.



TO ORDER CALL: (224) 353-6446



ENDOPLASTIC SCOPE & CANNULA SYSTEM



MADE IN THE USA

ASHTON-DANIEL ENDO FOREHEAD CANNULA



ITEM NO.	DESCRIPTION
36-2743	ENDO FOREHEAD CANNULA, 4MM DIA.
36-2753	ENDO FOREHEAD CANNULA, 5MM DIA.

FEATURES:

- SPECIALLY DESIGNED FOR SHIELDING THE ENDOSCOPE TIP FROM THE SURROUNDING TISSUES.
- ANGLED TIP AFFORDS INCREASED RETRACTION OF TISSUE AWAY FROM SCOPE LENS. ALLOWS THE ENDOSCOPE TO BE USED SIMULTANEOUSLY FOR RETRACTION & VISUALIZATION
- SINGLE PORT FOR BOTH SUCTION & IRRIGATION IS PLACED ON THE SURGEON'S NON-DOMINANT SIDE



ITEM NO.	DESCRIPTION
36-2754	ENDO FOREHEAD CANNULA, 5MM, FENESTRATED. FOR USE WITH 30° SCOPES. STORZ SCOPE LOCK

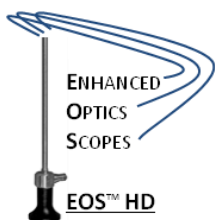
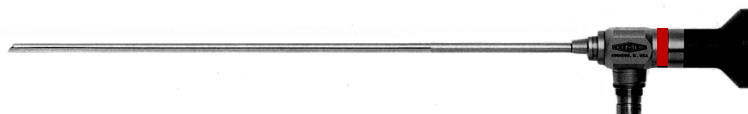




ENDOSCOPE SYSTEM FOR AESTHETIC & RESTORATIVE



MADE IN THE USA



ITEM NO.	DESCRIPTION
37400-00	ELMED EOS™ HD ENDOSCOPE, 4MM, 0°
37400-30	ELMED EOS™ HD ENDOSCOPE, 4MM, 30°



ITEM NO.	DESCRIPTION
36-2701	ELMED OPTICAL RETRACTOR FOR 0° SCOPES



ITEM NO.	DESCRIPTION
36-2705	ELMED IRRIGATION SHEATH FOR 0° SCOPES



TO ORDER CALL: (224) 353-6446



ELECTROSURGICAL UNITS

ELMED ESU 170 DIGITAL



MADE IN THE USA



THE **ELMED ESU 170 DIGITAL** WAS DESIGNED FOR SURGICAL PROCEDURES WHERE TWO DISTINCTIVE RF-CURRENTS, CUTTING AND COAGULATION, REPRODUCIBLE DOSAGE, AND DIGITAL READOUT OF OUTPUT WATTAGE ARE DESIRED.

THE **ELMED ESU 170 DIGITAL** WAS DEVELOPED IN COLLABORATION WITH THE MOST PROMINENT SURGEONS, AND IS SIMILAR TO THE WELL KNOWN ELMED ESU 170 U, EXCEPT FOR THE DIGITAL WATTAGE READOUT.

ITEM NO.	DESCRIPTION
5796	ELMED ESU 170 DIGITAL ELECTROSURGICAL UNIT INCLUDES DUAL-PEDAL FOOTSWITCH (SELECT ACTIVE ACCESSORIES AS REQUIRED)

FEATURES:

- CUTS WITH SMOOTH CURRENT, PERMITTING FIRST INTENTION HEALING
- STERILIZES THE TISSUE SURFACE AS IT CUTS, SEALS LYMPHATIC VESSELS AND CAPILLARIES AND THUS, PREVENTS ABSORPTION OF TOXIC SUBSTANCES AND POSTOPERATIVE BLEEDING
- BIPOLAR OUTPUT ACCEPTS ALL STANDARD FOOT SWITCHING BIPOLAR ACCESSORIES
- HEMOSTASIS WHILE CUTTING, REDUCING BLOOD LOSS
- BIOPSIES SUITABLE FOR PATHOLOGICAL EXAMINATIONS
- FEATURING FOUR OUTPUT MODES:
MODE I -PROVIDES THE CUTTING POWER BY MEANS OF A NON-MODULATED RF-CURRENT
MODE II -PROVIDES BLENDED CUTTING POWER BY MEANS OF A MODULATED RF-CURRENT
MODE III -PROVIDES THE COAGULATION POWER BY MEANS OF A MODULATED RF-CURRENT
MODE IV -BIPOLAR GENERATOR ENERGIZED BY A LOW VOLTAGE NON-MODULATED RF-CURRENT
- SAFETY CIRCUIT: AUTOMATIC SENSING DEVICE CUTS THE OUTPUT OFF IF THE INDIFFERENT PATIENT CIRCUIT IS DEFECTIVE OR PATIENT PLATE CABLE IS UNPLUGGED, GIVING VISUAL AND AUDIBLE ALARM. REUSABLE OR DISPOSABLE PATIENT PLATES MAY BE USED. OPTIONAL RETURN ELECTRODE MONITOR MAY BE INSTALLED.
- SMART-O-MATIC, AUTOMATIC COMPENSATION CIRCUIT WHICH PROVIDES THE DESIRED OUTPUT FOR ALL ELECTRODES OR TISSUE CONDITIONS. THE AUTOMATIC RANGE CONTROL, WHICH IS DIVIDED INTO TEN STEPS, REQUIRES NO READJUSTMENT WITHIN THE SET RANGE.
- DIGITAL READOUT: EACH MODE, CUTTING COAGULATION AND BIPOLAR COAGULATION HAS INDEPENDENT DIGITAL WATTAGE READOUT.

SUGGESTED OPTIONAL ACCESSORIES:

ITEM NO.	DESCRIPTION
5795	SELF-ADHESIVE PATIENT PLATES (PKG. 25)
5702	PATIENT PLATE CONNECTING CABLE
5749	DUAL BUTTON REUSABLE HANDLE WITH ATTACHED CABLE & 3-PRONG PLUG; FOR USE WITH MICRO SHAFT ELECTRODES – 2MM (1/16") DIAMETER
5750	DUAL BUTTON REUSABLE HANDLE WITH ATTACHED CABLE & 3-PRONG PLUG; FOR USE WITH STANDARD SHAFT (& DISPOSABLE) ELECTRODES – 3MM (3/32") DIAMETER
5010	HANDLE, MONOPOLAR, FOR FOOTSWITCH OPERATION 2MM (1/16") Ø SHAFT ELECTRODES
5014	HANDLE, MONOPOLAR, FOR FOOTSWITCH OPERATION 3MM (3/32") Ø SHAFT ELECTRODES
5021	MONOPOLAR RF-CABLE FOR ELMED FOOT SWITCHING HANDLE
5302	BIPOLAR RF-CABLE FOR ELMED FORCEPS WITH 2-TYPE CONNECTOR
5991	BIPOLAR RF-CABLE FOR ELMED FORCEPS WITH 2-PIN CONNECTOR
5999	R.E.M. MODIFICATION WITH ADAPTER—RETRO-FIT AND INSTALL CIRCUIT FOR RETURN ELECTRODE MONITOR SYSTEM PATIENT PLATE SYSTEM



WE DESIGN, MANUFACTURE & SELL THE TOOLS THE SURGEONS USE



ELECTROSURGICAL UNITS



MADE IN THE USA

ELMED HIVOCAUTER



OUT MOST ECONOMICAL RF ELECTROSURGICAL UNIT TO PERFORM SPRAY COAGULATION, DESICCATION, FULGURATION AND CUTTING SURGICAL PROCEDURES

ITEM No.	DESCRIPTION
5240	ELMED HIVOCAUTER: MONO-TERMINAL AND BI-TERMINAL COAGULATION SYSTEM, INCLUDES HAND SWITCHING HANDLE AND ELECTRODE

UNITS DESIGNED TO MEET UL, CSA AND IEC 60601 SPECIFICATIONS

FEATURES AND APPLICATIONS

- STATE OF THE ART CIRCUITRY PERMITS THIS COMPACT, YET RUGGED DESIGNED
- OPERATION BY EITHER HAND SWITCH OR FOOTSWITCH CONTROLLED ACCESSORIES (REQUIRED FOR CUTTING)
- SIMPLE AND EASY TO OPERATE CONTROLS
- DUAL OUTPUT MODES PERMIT THE APPLICATION OF THE HIGH VOLTAGE, MODULATED CURRENT IN EITHER THE MONO-TERMINAL FASHION FOR SPRAY COAGULATION (NO PATIENT PLATE REQUIRED) OR THE BI-TERMINAL FASHION FOR "CUTTING" INTO ULCERATIONS AND LESIONS (PATIENT PLATE REQUIRED)
- DERMATOLOGICAL APPLICATIONS – SENILE ADENOMA, KERATOSES, VERRUCAE, ADENOMA SEBACEUM, TELANGIECTASIAS
- OTOLARYNGOLOGICAL APPLICATIONS – ADENOIDS, HYPERTROPHIED CYSTS, EPISTAXIS, NASAL POLYPS
- GYNECOLOGICAL APPLICATIONS – HEMORRHOIDS AND RECTAL PROLAPSED FISSURES
- UROLOGICAL APPLICATIONS – VENEREAL WARTS, VASECTOMIES
- RECTAL APPLICATIONS – HEMORRHOID REMOVAL
- MANY OTHER APPLICATIONS IN GENERAL SURGERY, SURGERY OF THE FOOT AND PLASTIC SURGERY WHERE RF-ELECTROSURGICAL PROCEDURES ARE REQUIRED

ACCESSORY ORDERING INFORMATION:

ITEM No.	DESCRIPTION
5711	FOOTSWITCH, UL-APPROVED FOR THE ELMED HIVOCAUTER
5014	ELECTRODE HANDLE FOR FOOTSWITCH OPERATION FOR THE ELMED HIVOCAUTER
5021	RF-CONNECTION CABLE TO CONNECT FOOT SWITCHING HANDLE, ITEM No. 5014 WITH ELMED HIVOCAUTER
5015	ELECTRODE HANDLE WITH ATTACHED RF-CABLE HAND SWITCH OPERATED FOR THE ELMED HIVOCAUTER
5047	METAL PATIENT PLATE
5045	RUBBER STRAP, 40" LONG
5022	SINGLE CONDUCTOR PATIENT PLATE CABLE



TO ORDER CALL: (224) 353-6446



ELECTROSURGICAL INSTRUMENTS FOR ENDOPLASTIC SURGERY



MADE IN THE USA

ELMED INSULATED SUCTION ELECTRODES -3MM & 5MM DIA.

WITH TRUMPET VALVE AND RF-CONNECTOR, 3MM Ø AND 5MM Ø STRAIGHT OR CURVED
SHAFTS, 30CM



	ITEM NO.	SHAFT DESIGN	3MM DIA.	ITEM NO.	SHAFT DESIGN	3MM DIA.
	36-2340	STRAIGHT	SPATULA ELECTRODE	36-2341	CURVED	SPATULA ELECTRODE
	36-2342	STRAIGHT	J-HOOK ELECTRODE	36-2343	CURVED	J-HOOK ELECTRODE
	36-2344	STRAIGHT	L-HOOK ELECTRODE	36-2345	CURVED	L-HOOK ELECTRODE

3MM

	ITEM NO.	SHAFT DESIGN	5MM DIA.	ITEM NO.	SHAFT DESIGN	5MM DIA.
	36-2540	STRAIGHT	SPATULA ELECTRODE	36-2541	CURVED	SPATULA ELECTRODE
	36-2542	STRAIGHT	J-HOOK ELECTRODE	36-2543	CURVED	J-HOOK ELECTRODE
	36-2544	STRAIGHT	L-HOOK ELECTRODE	36-2545	CURVED	L-HOOK ELECTRODE

5MM



WE DESIGN, MANUFACTURE & SELL THE TOOLS THE SURGEONS USE



ELECTROSURGICAL INSTRUMENTS FOR ENDOPLASTIC SURGERY



MADE IN THE USA

MONOPOLAR ENDOPLASTIC DISSECTORS



ACCURATE DISSECTING TIP WITH
SUCTION

ITEM NO.	DESCRIPTION
37-5300	ERGONOMICALLY DESIGNED HANDLE WITH FINGER TIP SUCTION CONTROL & RF-CONNECTION FOR ALL FOOT SWITCHING CONTROLLED

REUSABLE ELECTRODES FOR USE W/ HANDLE #37-5300

ITEM NO.	DESCRIPTION
37-5301	STRAIGHT SHAFT WITH ANGLED TIP, 14" (36 CM)
37-5305	STRAIGHT SHAFT WITH STRAIGHT TIP, 14" (36CM)

ITEM NO.	DESCRIPTION
37-5302	45° ANGLED SHAFT WITH STRAIGHT TIP, 14" (36 CM)

ITEM NO.	DESCRIPTION
37-5303	CURVED RIGHT SHAFT WITH STRAIGHT TIP, 14" (36 CM)
37-5304	CURVED LEFT SHAFT WITH STRAIGHT TIP, 14" (36 CM)

**SELECT MONOPOLAR CABLE
FOR THIS INSTRUMENT BASED
ON THE GENERATOR YOU WILL
BE USING.



TO ORDER CALL: (224) 353-6446

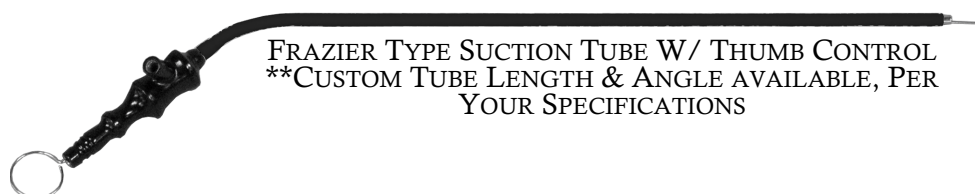


ELECTROSURGICAL INSTRUMENTS FOR ENDOPLASTIC SURGERY



MADE IN THE USA

FRAZIER MONOPOLAR SUCTION COAGULATOR



FRAZIER TYPE SUCTION TUBE W/ THUMB CONTROL
**CUSTOM TUBE LENGTH & ANGLE AVAILABLE, PER
YOUR SPECIFICATIONS

DESCRIPTION	ITEM No.	DIA	DESCRIPTION	ITEM No.	DIA	DESCRIPTION	ITEM No.	DIA
5½" (140MM) ANGULAR, INSULATED , W/ MONOPOLAR RF CONNECTOR, REUSABLE	37-5006-06	6 FR.	7" (178MM) ANGULAR, INSULATED , W/ MONOPOLAR RF CONNECTOR, REUSABLE	37-5007-06	6 FR.	9" (228 MM) ANGULAR, INSULATED , W/ MONOPOLAR RF CONNECTOR, REUSABLE	37-5009-06	6 FR.
	37-5006-07	7 FR.		37-5007-07	7 FR.		37-5009-07	7 FR.
	37-5006-08	8 FR.		37-5007-08	8 FR.		37-5009-08	8 FR.
	37-5006-09	9 FR.		37-5007-09	9 FR.		37-5009-09	9 FR.
	37-5006-10	10 FR.		37-5007-10	10 FR.		37-5009-10	10 FR.
	37-5006-11	11 FR.		37-5007-11	11 FR.		37-5009-11	11 FR.
	37-5006-12	12 FR.		37-5007-12	12 FR.		37-5009-12	12 FR.
	37-5006-115	15 FR.		37-5007-115	15 FR.		37-5009-115	15 FR.
	37-5006-18	18 FR.		37-5007-18	18 FR.		37-5009-18	18 FR.

**SELECT MONOPOLAR CABLE
FOR THIS INSTRUMENT BASED ON
THE
GENERATOR YOU WILL BE
USING.



WE DESIGN, MANUFACTURE & SELL THE TOOLS THE SURGEONS USE



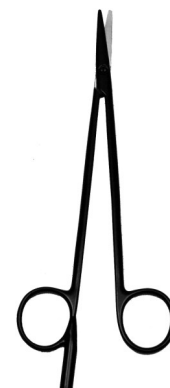
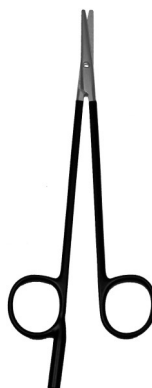
ELECTROSURGICAL INSTRUMENTS FOR ENDOPLASTIC SURGERY



MADE IN THE USA

MONOPOLAR HEMOSTATIC FORCEPS, SCALPEL HANDLES & SCISSORS

THE HEMOSTATS, SCALPEL HANDLES AND SCISSORS ARE FITTED WITH A BANANA RF-SOCKET FOR FOOTSWITCH OPERATION.



ITEM NO.	DESCRIPTION	ITEM NO.	DESCRIPTION
5574	HEMOSTATIC FORCEPS, STRAIGHT, INSULATED, 7" (18 CM)	5584	SCISSORS, CURVED, INSULATED HANDLE, 7" (18 CM)
5575	HEMOSTATIC FORCEPS, CURVED, INSULATED, 7" (18 CM)	5585	SCISSORS, STRAIGHT, INSULATED HANDLE, 8" (20 CM)
5576	HEMOSTATIC FORCEPS, STRAIGHT, INSULATED, 8" (20 CM)	5586	SCISSORS, CURVED, INSULATED HANDLE, 8" (20 CM)
5577	HEMOSTATIC FORCEPS, CURVED, INSULATED, 8" (20 CM)	5587	SCISSORS, STRAIGHT, INSULATED HANDLE & OUTSIDE BLADES, 7" (18 CM)
5581	SCALPEL HANDLE NO. 3, INSULATED	5588	SCISSORS, CURVED, INSULATED HANDLE & OUTSIDE BLADES, 7" (18 CM)
5582	SCALPEL HANDLE NO. 4, INSULATED	5589	SCISSORS, STRAIGHT, INSULATED HANDLE & OUTSIDE BLADES, 8" (20 CM)
5583	SCISSORS, STRAIGHT, INSULATED HANDLE, 7" (18 CM)	5590	SCISSORS, CURVED, INSULATED HANDLE & OUTSIDE BLADES, 8" (20 CM)

MONOPOLAR RF-CABLES FOR USE W/ FOOT SWITCHING MONOPOLAR INSTRUMENTS:

ITEM NO.	DESCRIPTION	ITEM NO.	DESCRIPTION
5021	MONOPOLAR RF-CABLE FOR INSTRUMENTS WITH BANANA PLUG RF-SOCKET AND UNITS WITH BANANA PLUG RF-SOCKET	5022	MONOPOLAR RF-CABLE FOR INSTRUMENTS WITH OLSEN TYPE SCREW-ON RF-CONNECTOR AND UNITS WITH BANANA PLUG RF-SOCKET
5009	MONOPOLAR RF-CABLE FOR INSTRUMENTS WITH BANANA PLUG RF-SOCKET AND UNITS WITH BOVIE TYPE RF-SOCKET	5023	MONOPOLAR RF-CABLE FOR INSTRUMENTS WITH OLSEN TYPE SCREW-ON RF-CONNECTOR AND UNITS WITH BOVIE TYPE RF-SOCKET



TO ORDER CALL: (224) 353-6446



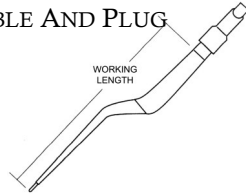
ELECTROSURGICAL INSTRUMENTS FOR ENDOPLASTIC SURGERY



MADE IN THE USA

REUSABLE MONOPOLAR HAND SWITCHING FORCEPS

HAND SWITCHING WITH ATTACHED
CABLE AND PLUG



TWO PRONG PLUG FOR
VALLEY LAB, CONMED,
BOVIE, ELMED ETC.
GENERATOR



DUAL CONTACT
PLUG FOR ELMED,
WITH ROUND SOCKET

DESCRIPTION	ITEM NO.	TIP	ITEM NO.	TIP
BAYONET, SERRATED, STRAIGHT TIP, 5" (13 CM)	5501-05		5551-05	
BAYONET, SERRATED, CURVED TIP, 5" (13 CM)	5502-05		5552-05	
BAYONET, SERRATED, STRAIGHT TIP, 6" (15 CM)	5501-06		5551-06	
BAYONET, SERRATED, CURVED TIP, 6" (15 CM)	5502-06		5552-06	
BAYONET, SERRATED, STRAIGHT TIP, 8" (21 CM)	5501-08		5551-08	
BAYONET, SERRATED, CURVED TIP, 8" (21 CM)	5502-08		5552-08	
BAYONET, SERRATED, STRAIGHT TIP, 10" (25 CM)	5501-10		5551-10	
BAYONET, SERRATED, CURVED TIP, 10" (25 CM)	5502-10		5552-10	
POTTS-SMITH, 1x2 TEETH, STRAIGHT TIP, 7" (18 CM)	5510-07	N/A	5560-07	N/A
POTTS-SMITH, 1x2 TEETH, STRAIGHT TIP, 8" (21 CM)	5510-08	N/A	5560-08	N/A
POTTS-SMITH, 1x2 TEETH, STRAIGHT TIP, 10" (25 CM)	5510-10	N/A	5560-10	N/A
POTTS-SMITH, SERRATED, STRAIGHT TIP, 7" (18 CM)	5511-07		5561-07	
POTTS-SMITH, SERRATED, CURVED TIP, 7" (18 CM)	5512-07		5562-07	
POTTS-SMITH, SERRATED, STRAIGHT TIP, 8" (21 CM)	5511-08		5561-08	
POTTS-SMITH, SERRATED, CURVED TIP, 8" (21 CM)	5512-08		5562-08	
POTTS-SMITH, SERRATED, STRAIGHT TIP, 10" (25 CM)	5511-10		5561-10	
POTTS-SMITH, SERRATED, CURVED TIP, 10" (25 CM)	5512-10		5562-10	
CUSHING, 1x2 TEETH, STRAIGHT TIP, 7" (18 CM)	5513-07	N/A	5563-07	N/A
CUSHING, 1x2 TEETH, STRAIGHT TIP, 8" (21 CM)	5513-08	N/A	5563-08	N/A
CUSHING, 1x2 TEETH, STRAIGHT TIP, 10" (25 CM)	5513-10	N/A	5563-10	N/A
CUSHING, SERRATED, STRAIGHT TIP, 7" (18 CM)	5514-07		5564-07	
CUSHING, SERRATED, CURVED TIP, 7" (18 CM)	5515-07		5565-07	
CUSHING, SERRATED, STRAIGHT TIP, 8" (21 CM)	5514-08		5564-08	
CUSHING, SERRATED, CURVED TIP, 8" (21 CM)	5515-08		5565-08	
CUSHING, SERRATED, STRAIGHT TIP, 10" (25 CM)	5514-10		5564-10	
CUSHING, SERRATED, CURVED TIP, 10" (25 CM)	5515-10		5565-10	
GERALD, SERRATED, STRAIGHT TIP, 7" (18 CM)	5521-07		5571-07	
GERALD, 1x2 TEETH, STRAIGHT TIP, 7" (18 CM)	5522-07	N/A	5572-07	N/A
ADSON, SERRATED, STRAIGHT TIP, 4 1/2" (18 CM)	5523-04		5583-04	
ADSON, 1x2 TEETH, STRAIGHT TIP, 4 1/2" (18 CM)	5524-04	N/A	5584-04	N/A
JEWELERS, SMOOTH – STRAIGHT TIP, 3 1/2" (9 CM)	5225-03		5295-03	
JEWELERS, SMOOTH – CURVED TIP, 3 1/2" (9 CM)	5226-03		5296-03	

SAMPLE: LIST NUMBER ORDERING INSTRUCTIONS

INDICATE:	ITEM NO.	TIP SIZE LETTER
SAMPLE:	5000-00	+ A, B, C, D, E

TIP SIZE SPECIFICATIONS

2.0 mm	1.5 mm	1.0 mm	0.5 mm	NEEDLE
A	B	C	D	E



WE DESIGN, MANUFACTURE & SELL THE TOOLS THE SURGEONS USE



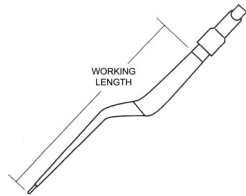
ELECTROSURGICAL INSTRUMENTS FOR ENDOPLASTIC SURGERY



MADE IN THE USA

REUSABLE FOOT SWITCHING MONOPOLAR FORCEPS

DOUBLE-INSULATED NYLON/KYNAR SHANKS AVAILABLE W/3 DIFFERENT CABLE
CONNECTOR TYPES.



	ITEM NO.	TIP	ITEM NO.	TIP	ITEM NO.	TIP
BAYONET, SERRATED, STRAIGHT TIP , 5" (13 CM)	5201-05		5301-05		5401-05	
BAYONET, SERRATED, CURVED TIP , 5" (13 CM)	5202-05		5302-05		5402-05	
BAYONET, SERRATED, STRAIGHT TIP , 6" (15 CM)	5201-06		5301-06		5401-06	
BAYONET, SERRATED, CURVED TIP , 6" (15 CM)	5202-06		5302-06		5402-06	
BAYONET, SERRATED, STRAIGHT TIP , 8" (21 CM)	5201-08		5301-08		5401-08	
BAYONET, SERRATED, CURVED TIP , 8" (21 CM)	5202-08		5302-08		5402-08	
BAYONET, SERRATED, STRAIGHT TIP , 10" (25 CM)	5201-10		5301-10		5401-10	
BAYONET, SERRATED, CURVED TIP , 10" (25 CM)	5202-10		5302-10		5402-10	
POTTS-SMITH, 1x2 TEETH, STRAIGHT TIP, 7" (18 CM)	5210-07	N/A	5310-07	N/A	5410-07	N/A
POTTS-SMITH, 1x2 TEETH, STRAIGHT TIP, 8" (21 CM)	5210-08	N/A	5310-08	N/A	5410-08	N/A
POTTS-SMITH, 1x2 TEETH, STRAIGHT TIP, 10" (25 CM)	5210-10	N/A	5310-10	N/A	5410-10	N/A
POTTS-SMITH, SERRATED, STRAIGHT TIP, 7" (18 CM)	5211-07		5311-07		5411-07	
POTTS-SMITH, SERRATED, CURVED TIP, 7" (18 CM)	5212-07		5312-07		5412-07	
POTTS-SMITH, SERRATED, STRAIGHT TIP, 8" (21 CM)	5211-08		5311-08		5411-08	
POTTS-SMITH, SERRATED, CURVED TIP, 8" (21 CM)	5212-08		5312-08		5412-08	
POTTS-SMITH, SERRATED, STRAIGHT TIP, 10" (25 CM)	5211-10		5311-10		5411-10	
POTTS-SMITH, SERRATED, CURVED TIP, 10" (25 CM)	5212-10		5312-10		5412-10	
CUSHING, 1x2 TEETH, STRAIGHT TIP, 7 " (18 CM)	5213-07	N/A	5313-07	N/A	5413-07	N/A
CUSHING, 1x2 TEETH, STRAIGHT TIP, 8" (21 CM)	5213-08	N/A	5313-08	N/A	5413-08	N/A
CUSHING, 1x2 TEETH, STRAIGHT TIP, 10 " (25 CM)	5213-10	N/A	5313-10	N/A	5413-10	N/A
CUSHING, SERRATED, STRAIGHT TIP, 7 " (18 CM)	5214-07		5314-07		5414-07	
CUSHING, SERRATED, CURVED TIP, 7 " (18 CM)	5215-07		5315-07		5415-07	
CUSHING, SERRATED, STRAIGHT TIP, 8 " (21 CM)	5214-08		5314-08		5414-08	
CUSHING, SERRATED, CURVED TIP, 8 " (21 CM)	5215-08		5315-08		5415-08	
CUSHING, SERRATED, STRAIGHT TIP, 10 " (25 CM)	5214-10		5314-10		5414-10	
CUSHING, SERRATED, CURVED TIP, 10 " (25 CM)	5215-10		5315-10		5415-10	
GERALD, SERRATED, STRAIGHT TIP, 7 " (18 CM)	5221-07		5321-07		5421-07	
GERALD, 1x2 TEETH, STRAIGHT TIP, 7 " (25 CM)	5222-07	N/A	5322-07	N/A	5422-07	N/A
ADSON, SERRATED, STRAIGHT TIP, 4 ½ " (18 CM)	5223-04		5323-04		5423-04	
ADSON, 1x2 TEETH, STRAIGHT TIP, 4 ½ " (25 CM)	5224-04	N/A	5324-04	N/A	5424-04	N/A
JEWELERS, SMOOTH – STRAIGHT TIP, 3½" (9 CM)	5225-03		5325-03		5425-03	
JEWELERS, SMOOTH – CURVED TIP, 3½" (9 CM)	5226-03		5326-03		5426-03	

SAMPLE: LIST NUMBER ORDERING INSTRUCTIONS

TIP SIZE SPECIFICATIONS

INDICATE:	ITEM NO.	TIP SIZE LETTER	2.0 mm	1.5 mm	1.0 mm	0.5 mm	NEEDLE
SAMPLE:	5000-00	+	A	B	C	D	E



TO ORDER CALL: (224) 353-6446



ELECTROSURGICAL INSTRUMENTS FOR ENDOPLASTIC SURGERY



MADE IN THE USA

REUSABLE SLIM LINE BIPOLAR FORCEPS

FEATURES:

- SLIM LINE SHANKS FOR OPTIMAL VISIBILITY.
- COMPLETELY REUSABLE – STERILIZABLE BY STANDARD STEAM AUTOCLAVE.
- STANDARD 2-PIN CABLE PLUG.
- GOLD PLATED TIPS FOR MINIMAL STICKING – TIPS AVAILABLE IN 5 SIZES.

SLIM LINE- STRAIGHT SHANK

	INSULATED W/ STRAIGHT TIP ITEM NO.
STRAIGHT, 6" OVERALL, 2" WORKING LENGTH	22-5200-06
STRAIGHT, 7" OVERALL, 3" WORKING LENGTH	22-5200-07
STRAIGHT, 8" OVERALL, 4" WORKING LENGTH	22-5200-08
STRAIGHT, 9" OVERALL, 5" WORKING LENGTH	22-5200-09
STRAIGHT, 10" OVERALL, 6" WORKING LENGTH	22-5200-10



SLIM LINE- ANGLED DOWN SHANK

	INSULATED W/ STRAIGHT TIP ITEM NO.
STRAIGHT, 6½" OVERALL, 2½" WORKING LENGTH	22-5100-06
STRAIGHT, 7½" OVERALL, 3½" WORKING LENGTH	22-5100-07
STRAIGHT, 8½" OVERALL, 4½" WORKING LENGTH	22-5100-08
STRAIGHT, 9½" OVERALL, 5½" WORKING LENGTH	22-5100-09



SAMPLE: LIST NUMBER ORDERING INSTRUCTIONS

INDICATE:	ITEM NO.	TIP SIZE LETTER
SAMPLE:	<u>22-5XXX-XX</u> +	A, B, C, D, OR E

TIP SIZE SPECIFICATIONS

2.0 mm	1.5 mm	1.0 mm	0.5 mm	NEEDLE
A	B	C	D	E

CABLES FOR USE W/ BIPOLAR FORCEPS



GENERATOR END

INSTRUMENT END



GENERATOR END

ITEM NO.
52005-45/5991

ELMED/WOLF PLUG (UNIT) & AESCULAP/DAVOL/MARINA 2-PIN INST. PLUG



ITEM NO.
52005-46/5990

DUAL-BANANA PLUG (UNIT) & AESCULAP/DAVOL/MARINA 2-PIN INST. PLUG



WE DESIGN, MANUFACTURE & SELL THE TOOLS THE SURGEONS USE



ELECTROSURGICAL INSTRUMENTS FOR ENDOPLASTIC SURGERY



MADE IN THE USA

REUSABLE BIPOLAR FORCEPS

FEATURES:

- EXCLUSIVE ELMED ELECTRO-MICRO POLISHED TIP FOR MAXIMUM NON-STICK COAGULATION AT THE PROPER POWER LEVEL SETTING
- HIGHEST GRADE MEDICAL STAINLESS STEEL CONSTRUCTION
- INSULATED FORCEPS FEATURE MEDICAL GRADE POLYMER COATING APPLIED ELECTROSTATICALLY FOR MAXIMUM DURABILITY, NO RF LEAKAGE, AND PRECISE DESIGN
- NON-INSULATED FORCEPS FEATURE A LOW SHEEN POLISHED FINISH (FOR LASER APPLICATION – NON-REFLECTIVE BLACK, CHROMIUM OR SILICONE BEADED FINISH AVAILABLE)
- MANUFACTURED IN-HOUSE BY ELMED IN ADDISON, ILLINOIS, U.S.A.
- MOST FEATURES CAN BE INTERCHANGED TO CUSTOMIZE THE FORCEPS TO SUIT THE SURGEON'S NEEDS.
- SPECIAL LENGTH AND TIP SIZE ON REQUEST.

CUSHING-STANDARD BAYONET	INSULATED W/ STRAIGHT TIP	INSULATED W/ ANGLED TIP	NON- INSULATED W/STRAIGHT TIP	NON- INSULATED W/ANGLED TIP
ITEM No.				
BAYONET, 5 $\frac{3}{4}$ " (14.5CM)	5910-05	5911-05	5912-05	5913-05
BAYONET, 6 $\frac{3}{4}$ " (17CM)	5910-06	5911-06	5912-06	5913-06
BAYONET, 7 $\frac{3}{4}$ " (19.5CM)	5910-07	5911-07	5912-07	5913-07
BAYONET 8 $\frac{3}{4}$ " (22CM)	5910-08	5911-08	5912-08	5913-08
BAYONET, 10 $\frac{3}{4}$ " (27.3 CM)	5910-10	5911-10	5912-10	5913-10
BAYONET, 12 $\frac{3}{4}$ " (32.3 CM)	5910-12	5911-12	5912-12	5913-12

SCOVILLE-GREENWOOD	INSULATED W/ STRAIGHT TIP	NON-INSULATED W/ STRAIGHT TIP
ITEM No.		
BAYONET, 6 $\frac{3}{4}$ " (17CM)	5940-06	5942-06
BAYONET, 7 $\frac{3}{4}$ " (19.5CM)	5940-07	5942-07
BAYONET, 8 $\frac{3}{4}$ " (22CM)	5940-08	5942-08

YASARGIL	INSULATED W/ STRAIGHT TIP	NON-INSULATED W/STRAIGHT TIP
ITEM No.		
BAYONET, 7" (17.8CM)	5950-06	5952-06
BAYONET, 8" (20.3CM)	5950-07	5952-07
BAYONET, 9" (22.8CM)	5950-08	5952-08
BAYONET, 10 $\frac{3}{4}$ " (27.3CM)	5950-10	5952-10

SAMPLE: LIST NUMBER ORDERING INSTRUCTIONS			TIP SIZE SPECIFICATIONS				
INDICATE:	ITEM NO.	TIP SIZE LETTER	2.0 mm	1.5 mm	1.0 mm	0.5 mm	NEEDLE
SAMPLE:	59XX-XX +	A, B, C, D, OR E					



TO ORDER CALL: (224) 353-6446



ELECTROSURGICAL INSTRUMENTS FOR ENDOPLASTIC SURGERY



MADE IN THE USA

REUSABLE BIPOLAR BAYONET FORCEPS

YASARGIL



	INSULATED W/ STRAIGHT TIP	NON- INSULATED W/ STRAIGHT TIP
	ITEM No.	
BAYONET, 7" (17.8CM)	5950-06	5952-06
BAYONET, 8" (20.3CM)	5950-07	5952-07
BAYONET, 9" (22.8CM)	5950-08	5952-08
BAYONET, 10 $\frac{3}{4}$ " (27.3CM)	5950-10	5952-10

GERALD



	INSULATED W/ STRAIGHT TIP		NON-INSULATED W/ STRAIGHT TIP	
	ITEM No.	TIP SIZE	ITEM No.	TIP SIZE
BAYONET, 6 $\frac{3}{4}$ " (17CM)	5960-06	C	5962-06	C
BAYONET, 7 $\frac{3}{4}$ " (19.5CM)	5960-07	C	5962-07	C

MALIS



	INSULATED W/ STRAIGHT TIP	INSULATED, ANGLED TIP, CURVED UP		NON- INSULATED W/ STRAIGHT TIP
	ITEM No.	ITEM No.	TIP SIZE	ITEM No.
BAYONET, 6 $\frac{3}{4}$ " (17CM)	5970-07	5971-07U	D	5972-07
BAYONET, 7 $\frac{3}{4}$ " (19.5CM)	5970-08	5971-08U	D	5972-08
BAYONET, 8 $\frac{3}{4}$ " (22CM)	5970-09	5971-09U	D	5972-09
BAYONET, 10 $\frac{3}{4}$ " (27.3CM)	5970-10	5971-10U	D	5972-10



WE DESIGN, MANUFACTURE & SELL THE TOOLS THE SURGEONS USE



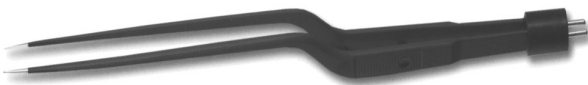
ELECTROSURGICAL INSTRUMENTS FOR ENDOPLASTIC SURGERY



MADE IN THE USA

 MALIS	NON-INSULATED, ANGLED TIP, CURVED UP		INSULATED, ANGLED TIP, CURVED DOWN		NON-INSULATED, ANGLED TIP, CURVED DOWN	
	ITEM NO.	TIP SIZE	ITEM NO.	TIP SIZE	ITEM NO.	TIP SIZE
BAYONET, 6 $\frac{3}{4}$ " (17 CM)	5973-07U	D	5971-07D	D	5973-07D	D
BAYONET, 7 $\frac{3}{4}$ " (19.5 CM)	5973-08U	D	5971-08D	D	5973-08D	D
BAYONET, 8 $\frac{3}{4}$ " (22 CM)	5973-09U	D	5971-09D	D	5973-09D	D
BAYONET, 10 $\frac{3}{4}$ " (27.3 CM)	5973-10U	D	5971-10D	D	5973-10D	D

 RHOTON	INSULATED W/ STRAIGHT TIP	INSULATED W/ ANGLED TP	NON- INSULATED W/STRAIGHT TIP	NON- INSULATED/ ANGLED TIP
	ITEM NO.			
BAYONET, 6 $\frac{3}{4}$ " (17CM)	5980-06	5981-06	5982-06	5983-06
BAYONET, 7 $\frac{3}{4}$ " (19.5CM)	5980-07	5981-07	5982-07	5983-07
BAYONET, 8 $\frac{3}{4}$ " (22CM)	5980-08	5981-08	5982-08	5983-08
BAYONET, 9 $\frac{3}{4}$ " (24.7CM)	5980-09	5981-09	5982-09	5983-09

 HARDY	INSULATED W/ STRAIGHT TIP	NON-INSULATED W/STRAIGHT TIP
	ITEM NO.	
BAYONET, 8 $\frac{3}{4}$ " (22CM)	5990-08	5992-08
BAYONET, 9 $\frac{3}{4}$ " (24.7CM)	5990-09	5992-09

SAMPLE: LIST NUMBER ORDERING INSTRUCTIONS			TIP SIZE SPECIFICATIONS				
INDICATE:	ITEM NO.	TIP SIZE LETTER	2.0 mm	1.5 mm	1.0 mm	0.5 mm	NEEDLE
SAMPLE:	59XX-XX +	<u>A</u> , <u>B</u> , <u>C</u> , <u>D</u> , OR <u>E</u>					



TO ORDER CALL: (224) 353-6446



ELECTROSURGICAL INSTRUMENTS FOR ENDOPLASTIC SURGERY



MADE IN THE USA

REUSABLE BIPOLAR STRAIGHT FORCEPS

CUSHING-STANDARD STRAIGHT



	INSULATED W/ STRAIGHT TIP	INSULATED, ANGLED TIP	NON- INSULATED W/ STRAIGHT TIP	NON- INSULATED W/ ANGLED TIP
	ITEM NO.			
STRAIGHT, 4 $\frac{3}{4}$ " (12CM)	5814-04	5815-04	5816-04	5817-04
STRAIGHT, 5 $\frac{3}{4}$ " (14.5CM)	5814-05	5815-05	5816-05	5817-05
STRAIGHT, 6 $\frac{3}{4}$ " (17CM)	5814-06	5815-06	5816-06	5817-06
STRAIGHT, 7 $\frac{3}{4}$ " (19.5CM)	5814-07	5815-07	5816-07	5817-07
STRAIGHT, 8 $\frac{3}{4}$ " (22CM)	5814-08	5815-08	5816-08	5817-08
STRAIGHT, 10 $\frac{3}{4}$ " (25.3CM)	5814-10	5815-10	5816-10	5817-10
STRAIGHT, 12 $\frac{3}{4}$ " (32.3CM)	5814-12	5815-12	5816-12	5817-12

GERALD STRAIGHT



 GERALD STRAIGHT	INSULATED W/ STRAIGHT TIP		NON-INSULATED W/ STRAIGHT TIP	
	ITEM No.	TIP SIZE	ITEM No.	TIP SIZE
STRAIGHT, 6¾” (15CM)	5860-06	C, D, E	5862-06	C, D, E
STRAIGHT, 7¾” (19.5CM)	5860-07	C, D, E	5862-07	C, D, E

MALIS STRAIGHT



	INSULATED W/ STRAIGHT TIP	NON- INSULATED W/ STRAIGHT TIP
	ITEM NO.	ITEM NO.
STRAIGHT, 6 $\frac{1}{4}$ " (14CM)	5870-07	5872-07
STRAIGHT, 6 $\frac{3}{4}$ " (17CM)	5870-08	5872-08
STRAIGHT, 7 $\frac{3}{4}$ " (19.5CM)	5870-09	5872-09
STRAIGHT, 9 $\frac{1}{4}$ " (21.5CM)	5870-10	5872-10

SEMKIN STRAIGHT



	INSULATED W/ STRAIGHT TIP	NON-INSULATED W/STRAIGHT TIP
	ITEM NO.	ITEM NO.
STRAIGHT, 5 $\frac{1}{2}$ " (13.5CM)	5890-05	5892-06
STRAIGHT, 6 $\frac{3}{4}$ " (15CM)	5890-06	5892-06

SAMPLE: LIST NUMBER ORDERING INSTRUCTIONS

TIP SIZE SPECIFICATIONS

INDICATE:	ITEM NO.	TIP SIZE LETTER	2.0 mm	1.5 mm	1.0 mm	0.5 mm	NEEDLE
SAMPLE:	58XX-XX	+	A	B	C	D	E
		A, B, C, D, OR E					

CABLES FOR USE W/ BIPOLAR FORCEPS



GENERATOR END

INSTRUMENT END



GENERATOR END

ITEM NO. **52005-45/5991** | ELMED/WOLF PLUG (UNIT) & AESCULAP/DAVOL/MARINA 2-PIN INST. PLUG



ITEM NO. **52005-46/5990** | DUAL-BANANA PLUG (UNIT) & AESCULAP/DAVOL/MARINA 2-PIN INST. PLUG



WE DESIGN, MANUFACTURE & SELL THE TOOLS THE SURGEONS USE



LIGHT SOURCES, HEADLIGHTS & LOUPES



MADE IN THE USA



ITEM No.	DESCRIPTION
98-2000	ELMED LED 2000 LIGHT SOURCE W/ (4) PORT LIGHT TURRENT (ACMI, WOLF, STORZ, & OLYMPUS)

FEATURES

- BRIGHT WHITE LIGHT OUTPUT
- COMPARABLE TO MOST 150W HALOGEN & 75W METAL HALIDE LIGHT SOURCES
- EXPECTED LED LIFE OF 50,000 HOURS



ITEM No.	DESCRIPTION
98-3000	ELMED LED 3000 LIGHT SOURCE W/ (4) PORT LIGHT TURRENT (ACMI, WOLF, STORZ, & OLYMPUS))

FEATURES

- BRIGHT WHITE LIGHT OUTPUT
- COMPARABLE TO MOST 250W HALOGEN & 180W XENON LIGHT SOURCES
- EXPECTED LED LIFE OF 30,000 HOURS
- THE LIGHT PORT ALSO INCLUDES A SENSOR TO DETERMINE IF THE FIBER-OPTIC CABLE IS INSERTED, IF NOT IT GOES INTO STANDBY MODE W/ LED POWERED DOWN.
- INCLUDES INTEGRAL SOFTWARE CONTROLS FOR THERMAL MANAGEMENT, DIMMING CONTROL (ANALOG OR PWM), & PROVIDING FEEDBACK ON LED & ELECTRONICS TEMPERATURE & FAN SPEED

ELMED HANDY III™ PORTABLE LED LIGHT SOURCE W/ RECHARGEABLE BATTERY



ITEM No.	DESCRIPTION
9809-02	ELMED HANDY III PORTABLE LED LIGHT-SOURCE W/ RECHARGEABLE BATTERY
9809-02-01	RECHARGEABLE LITHIUM BATTERY 3.7V

FEATURES:

- POWERFUL FOCUSED 3W LED ELEMENT, PROVIDES MORE ILLUMINATION THAN COMPETITORS, DUE TO OUR INCORPORATED SUPER MAGNIFYING LENS & CUTTING EDGE TECHNOLOGY
- LONGER BATTERY LIFE & MORE LIGHT OUTPUT DUE TO THE SMALL 3W LED ELEMENT, WHICH CONSUMES A LOT LESS POWER THAN A HALOGEN LAMP
- STAINLESS STEEL
- AVERAGE ILLUMINATION- 28,000-46,000 LUX
- WIDE APPLICATION AS A PORTABLE LIGHT SOURCE FOR ENDOSCOPES, OTOSCOPES, BORESOPES, FLEXIBLE SCOPES & FIBER-OPTIC HEADLIGHTS



TO ORDER CALL: (224) 353-6446



LIGHT SOURCES, HEADLIGHTS & LOUPES



MADE IN THE USA

ELMED LITE ONE™ 300W XENON LIGHT SOURCE



ITEM No.	DESCRIPTION
9810	ELMED LITE ONE™ 300W LIGHT SOURCE W/ (4) PORT LIGHT TURRET (ACMI, WOLF, STORZ, & OLYMPUS)

FEATURES OF THE LITE ONE™:

- BRILLIANT DAYLIGHT QUALITY LIGHT
- INTEGRATED, DUAL-FAN POWERED DUCTED COOLING SYSTEM FOR COOL RUNNING EXTENDED LIFE CYCLE FOR ALL INTERNAL COMPONENTS
- ALL-STEEL CONSTRUCTED FRAME AND CABINET FOR GREATER DURABILITY AND LESS HEAT TRANSFER
- FRONT PANEL CONTROLS: ON/OFF SWITCH, POSITIVE CONTROL VARIABLE INTENSITY SELECTOR, RESET BULB METER, EASY-TO-IDENTIFY & MANIPULATE 4-PORT LIGHT TURRET
- DETACHABLE AC LINE CORD FOR EASIER TRANSPORTATION
- EXTERNAL MAIN FUSE ACCESSIBLE ON REAR PANEL

ELMED HALOGEN LIGHT SOURCES



ELMED LS150 II HALOGEN LIGHT SOURCE

ITEM No.	DESCRIPTION
9806	ELMED LS150 II HALOGEN LIGHT SOURCE W/ DUAL 150W QUARTZ HALOGEN LAMP & 3-PORT SLIDE BAR FOR EACH BULB (ACMI, STORZ, WOLF)

FEATURES OF THE LS150 II:

- LOW VOLTAGE, DUAL 24V 150W QUARTZ HALOGEN BULBS & POWER SOURCE, PROVIDING COOL LIGHT FOR LONG PERIODS OF APPLICATION, EXTENDING BULB LIFE TO MAXIMUM LIFE CYCLE
- DUAL LAMPS – SECOND BULB SERVES AS ENERGY BACKUP WHEN SWITCHING BULBS IN A HURRY IS REQUIRED; ACTIVATED BY FRONT PANEL MOUNTED SWITCH
- ALL CONTROLS ARE FRONT PANEL MOUNTED, FOR SIMPLE OPERATION
- SIMPLE BULB REPLACEMENT BY SLIDING BULB COMPARTMENT RACK ON FRONT PANEL
- EXTERNAL MAIN FUSE ACCESSIBLE ON REAR PANEL



WE DESIGN, MANUFACTURE & SELL THE TOOLS THE SURGEONS USE



LIGHT SOURCES, HEADLIGHTS & LOUPES



MADE IN THE USA



ELMED OL160 II HALOGEN LIGHT SOURCES

ITEM NO.	DESCRIPTION
9812	SINGLE 150W QUARTZ HALOGEN LAMP & SINGLE ACMI LIGHT PORT
9812T	SINGLE 150W QUARTZ HALOGEN LAMP & 4-POST TURRET (ACMI, STORZ, WOLF & OLYMPUS)

FEATURES OF THE OL160 :

- BRIGHT, LONG LASTING 150 WATTAGE POWER
- STANDARD ACMI CABLE CONNECTION OUTLET
- COOLING RUNNING FAN
- COMPACT SIZE: 7 1/2" X 7" X 4"
- CARRYING HANDLE AVAILABLE (SPECIFY WHEN ORDERING)

ELMED 5MM DIA. FIBER LIGHT BUNDLE LIGHT CABLES



ITEM NO.	DESCRIPTION
9819	ELMED FIBER-LIGHT CABLE W/ ACMI INSTRUMENT & LIGHT SOURCE CONNECTORS*
9820	ELMED FIBER-LIGHT CABLE W/ UNIVERSAL INSTRUMENT & LIGHT SOURCE CONNECTORS*

*PLEASE SPECIFY THE INSTRUMENT & LIGHT SOURCE WHEN ORDERING



TO ORDER CALL: (224) 353-6446



LIGHT SOURCES, HEADLIGHTS & LOUPES



MADE IN THE USA



C3, 3WATT PORTABLE LED HEADLIGHT SYSTEM MOUNTED ON COMFORT FULLY ADJUSTABLE HEADBAND. INCLUDING—HEADLIGHT, RECHARGEABLE LITHIUM BATTERY PACK W/BUILT IN BELT CLIP, BATTERY CHARGER AND CARRYING CASE

ELMED LED HEADLIGHT SYSTEM



ITEM NO.	DESCRIPTION
9850	ELMED LED3 HEADLIGHT SYSTEM WITH ADJUSTABLE HEADBAND, PORTABLE BATTERY PACK, CHARGER AND CARRYING CASE

ELMED LED HEADLIGHT FEATURES:

- BRILLIANT WHITE LIGHT REMAINS CONSTANT AT 2,000 FOOT CANDLES FOR 7+HRS.
- VARIABLE INTENSITY TO 4,500 FOOT CANDLES.
- LITHIUM ION RECHARGEABLE BELT CLIP BATTERY PACK STORES CHARGE FOR 7+HRS.
- UNIVERSAL CHARGER OPERATES IN 100V-240V
- LIGHT WEIGHT OPTIC WITH VERTICAL POSITIONING AND EXCEPTIONAL COAXIAL ALIGNMENT.
- OUR LIGHTEST SYSTEM – OPTIC AND HEADBAND WEIGH ONLY .4 OUNCES PROVIDING COMFORTABLE WEAR FOR EXTENDED PERIODS.
- COMFORTABLE, HEAVY DUTY MULTIPLE HEADBAND FEATURES SPECIAL PADDED CUSHIONS, WHICH ELIMINATE PRESSURE POINTS AND A RATCHET MECHANISM FOR ADJUSTMENTS.
- CLIPS AVAILABLE FOR ALL MAJOR TTL AND FLIP UP LOUPES





ELMED FIBER-OPTIC HEADLIGHT SYSTEM



MADE IN THE USA

ITEM No.	DESCRIPTION
9800	ELMED FIBER-OPTIC HEADLIGHT W/ ADJUSTED HEADBAND 7' FIBER LIGHT CONNECTION CABLE W/ ACMI CONNECTOR (ILLUSTRATED)
9800-1	ELMED FIBER-OPTIC HEADLIGHT W/ ADJUSTED HEADBAND 10' FIBER LIGHT CONNECTION CABLE W/ ACMI CONNECTOR (ILLUSTRATED)



FEATURES:

- BRILLIANT WHITE LIGHT REMAINS CONSTANT AT 2,000 FOOT CANDLES FOR 7+HRS.
- VARIABLE INTENSITY TO 4,500 FOOT CANDLES.
- LITHIUM ION RECHARGEABLE BELT CLIP BATTERY PACK STORES CHARGE FOR 7+HRS.
- UNIVERSAL CHARGER OPERATES IN 100V-240V
- LIGHT WEIGHT OPTIC WITH VERTICAL POSITIONING AND EXCEPTIONAL COAXIAL ALIGNMENT.
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- COMFORTABLE, HEAVY DUTY MULTIPLE HEADBAND FEATURES SPECIAL PADDED CUSHIONS, WHICH ELIMINATE PRESSURE POINTS AND A RATCHET MECHANISM FOR ADJUSTMENTS.
- CLIPS AVAILABLE FOR ALL MAJOR TTL AND FLIP UP LOUPES

ELMED HALOGEN HEADLIGHT SYSTEM

ITEM No.	DESCRIPTION
9840	SYSTEM INCLUDES: HEADLIGHT, RECHARGEABLE ECOPAC BATTERY PACK, BATTERY CHARGER, TRANSFORMER, SPARE HALOGEN BULB AND CARRYING CASE
9825	ELMED HALOGEN HEADLIGHT: ADJUSTABLE HEADBAND, HALOGEN LAMP/MIRROR SYSTEM & SUPPLY CABLE



FEATURES:

- BRILLIANT ILLUMINATION THAT REMAINS CONSTANT AT 2,000 FOOT CANDLES FOR THE LIFE OF THE LAMP (APPROX. 100 HOURS)
- RECHARGEABLE BATTERY PACK TO BE WORN ON THE PHYSICIAN'S BELT; NO. 9897 WILL PROVIDE POWER FOR TWO HOURS OF CONTINUOUS USE
- THE OPTIONAL MONOCULAR OPTIC PROVIDES COAXIAL ILLUMINATION FOR COMPLETELY SHADOWLESS VIEWING.
- ADJUSTABLE SPOT SIZE, CONTINUOUSLY VARIABLE FROM A 750MM TO A 120MM FIELD, MEASURED AT A DISTANCE OF 13". THE UNIFORM ROUND SPOT MINIMIZES REFLECTIVE GLARE INSIDE SMALLER CAVITIES
- EASILY ACCESSIBLE LARGE ON/OFF PUSH-BUTTON SWITCH ALLOWS THE PHYSICIAN TO SWITCH OFF THE SYSTEM, THUS REDUCING HEAT BUILD-UP AND INCREASING BATTERY LIFE
- THE HEADBAND FEATURES SPECIAL PADDED CUSHIONS, WHICH ELIMINATE PRESSURE POINTS, AND A RATCHET MECHANISM FOR ADJUSTING IT TO THE INDIVIDUAL HEAD SIZE



TO ORDER CALL: (224) 353-6446



SELF-RETAINING RETRACTOR SYSTEM



MADE IN THE USA

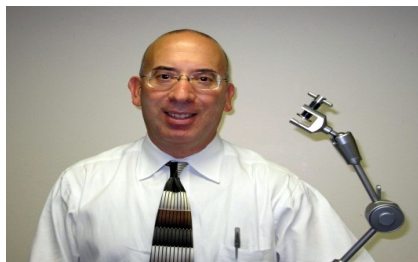
THE MECHANICAL LIFT ASSISTANT

AS USED BY THOMAS WIENER M.D. F.A.C.S.*

THE EXTRA HAND FOR:

- BREAST AUGMENTATION
- ABDOMINOPLASTIES
- ANY PLACE WHERE RETRACTION IS NEEDED

MY USE OF THE ELMED RETRACT-ROBOT ARM BY THOMAS C. WIENER M.D. F.A.C.S.

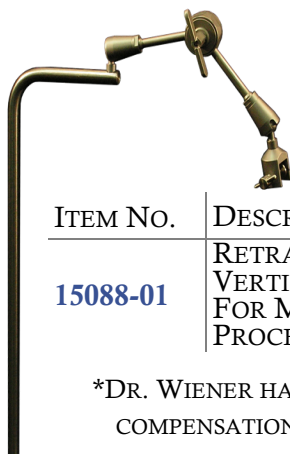


FOR BREAST AUGMENTATION, I FIND IT MOST CONVENIENT TO USE A STERILE STOCKINETTE OVER THE RETRACT-ROBOT, WHICH THEN GRASPS THE BIGGS RETRACTOR. THIS ELIMINATES THE NEED FOR STERILIZING THE RETRACT-ROBOT AFTER EACH CASE AND THE STOCKINETTE COST IS MINIMAL. I HAVE MADE A SLIGHT MODIFICATION AT THE SCREW WHICH TIGHTENS TO HOLD THE BIGGS RETRACTOR BY PLACING A SMALL PLASTIC ACCORDION SHEATH OVER THE THREADS. THIS HELPS MINIMIZE THE THREADS FROM CATCHING THE INNER LINING OF THE STOCKINETTE, WHICH WOULD PREVENT THE SCREW FROM TIGHTENING FULLY. OF COURSE, USING THE RETRACT-ROBOT WITHOUT THE STOCKINETTE BY STERILIZING IT BETWEEN CASES IS ALSO AN OPTION WITH A LARGE ENOUGH AUTOCLAVE.



ELMED RETRACT-ROBOT IN STERILE STOCKINETTE HOLDING BIGGS RETRACTOR.

AFTER THE INCISION AND INITIAL DISSECTION, THE BIGGS RETRACTOR ON THE RETRACT-ROBOT IS INTRODUCED INTO THE INCISION AND TIGHTENED FULLY. ADJUSTMENTS IN POSITION WILL BE NECESSARY AS DISSECTION PROCEEDS. THE ADVANTAGE IS THAT THE SURGEONS ARM AND THE SURGICAL ASSISTANT ARE FREED FROM HAVING TO HOLD THE BIGGS RETRACTOR. THIS HAS GIVEN ME THE ABILITY TO OPERATE IN A LESS PHYSICALLY STRENUOUS FASHION, TO OPERATE USING THE SUCTION IN ONE HAND AS AN ANCILLARY RETRACTOR WHILE DISSECTING WITH THE CAUTERY IN THE OTHER HAND AND MY SURGICAL ASSISTANT IS FREED TO PERFORM OTHER TASKS OR BE ABLE TO GET READY FOR THE NEXT STEP IN SURGERY. I USE A SINGLE RETRACT-ROBOT WITH THE EXTENDED ARM SO THAT IT CAN REACH THE CONTRALATERAL BREAST WITHOUT HAVING TO MOVE IT TO THE OTHER SIDE OF THE TABLE. I ALSO USE THE RETRACT-ROBOT DURING ABDOMINOPLASTIES, PARTICULARLY DURING THE RECTUS APPLICATION TO HOLD THE ABDOMINAL FLAP.



ITEM NO.	DESCRIPTION
15088-01	RETRACT-ROBOT: 26" VERTICAL MOUNTING ROD FOR MULTIPLE SURGICAL PROCEDURES

*DR. WIENER HAS NOT RECEIVED ANY COMPENSATION FROM ELMED FOR ENDORSEMENT.



ITEM NO.	DESCRIPTION
15090-53	STERILE-CLAMP: HEAVY DUTY 5/8 DIA. ROUND HOLE FOR ROBOT-ARM, & FITS TO O.R. TABLE RAIL (RECOMMENDED FOR LONG & DUAL ROBOT-ARM)



WE DESIGN, MANUFACTURE & SELL THE TOOLS THE SURGEONS USE



ELMED FIBER OPTIC RETRACTORS



MADE IN THE USA

UNIQUE STYLES, SIZES + SHAPES

FOR ALL PLASTIC, SPECIALTY AND GENERAL SURGICAL PROCEDURES

TEBBET™ STYLE



FERRIERA STYLE



INSULATED-NON CONDUCTIVE
STYLE



STANDARD STYLE



ECONOMY STYLE



BRITETRAC™ Style



ELMED MANUFACTURES ALL RETRACTORS IN HOUSE, WE CAN CUSTOMIZE, DESIGN AND MANUFACTURE RETRACTORS TO FIT THE SURGEON'S SPECIAL NEEDS.



TO ORDER CALL: (224) 353-6446



ELMED TEBBET™ STYLE FIBER OPTIC RETRACTORS



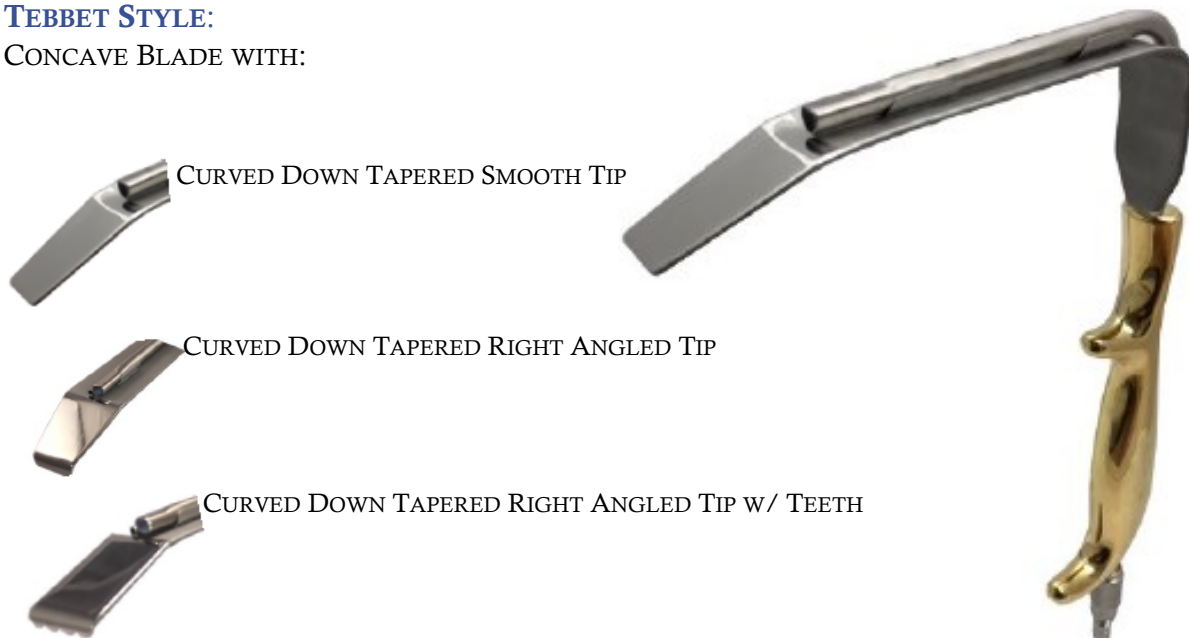
MADE IN THE USA

DESIGNED FOR PLASTIC, SPECIALTY AND GENERAL SURGICAL PROCEDURE

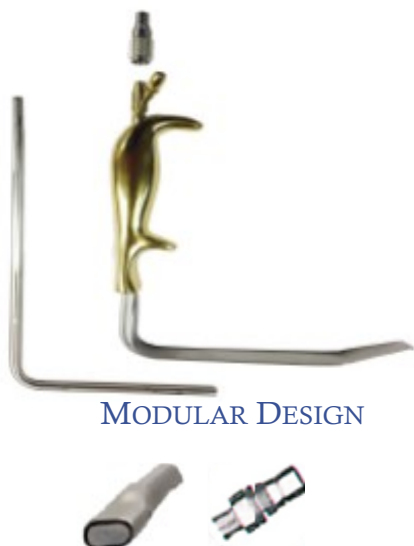
- ENHANCING TISSUE EXPOSURE WITH COLD FIBER OPTIC LIGHT
- “LITE MODULAR DESIGN - WITH AND WITHOUT SUCTION”

TEBBET STYLE:

CONCAVE BLADE WITH:



TEBBET STYLE RETRACTORS FEATURE:



MODULAR DESIGN

- MODULAR - REMOVABLE LIGHT CARRIER FOR ENHANCED CLEANING, STERILITY + SERVICEABILITY
- AESTHETIC GOLD PLATED STAINLESS STEEL HANDLE
- STRONG, NONCORROSIVE STAINLESS STEEL BLADE WITH POLISHED TIP FOR MAXIMUM LIGHT REFLECTION
- FLAT - LOW PROFILE LIGHT CARRIER 5MM DIAMETER FOR OPTIMUM LIGHT AND MINIMUM INVASION
- ELMED RETRACTORS FEATURE A UNIVERSAL FIBER LIGHT CABLE ADAPTER (ACMI, WOLF, STORZ/OLYMPUS)



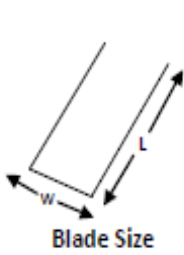
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ELMED TEBBET™ STYLE FIBER OPTIC RETRACTORS



MADE IN THE USA



FLAT SMOOTH TIP (ST)



RIGHT ANGLE TIP SMOOTH (AM)



RIGHT ANGLE TIP W/ TEETH (AN-T)

REPLACEMENT
LIGHT CARRIER

W X L (IN.)	METRIC W(MM) X L(CM)	FIBEROPTIC (F)	FIBER-OPTIC +SUCTION (FS)	FIBER-OPTIC (F)	FIBER-OPTIC +SUCTION (FS)	FIBER-OPTIC (F)	FIBER-OPTIC +SUCTION (FS)	OPT.
ITEM NO.								
5/8 x 3 1/4	16 x 8	T9910 F-ST	T9910 FS-ST	T9910 F-AN	T9910 FS-AN	T9910 F-AN-T	T9910 FS-AN-T	T9910LC
5/8 x 6	16 x 15	T9911 F-ST	T9911 FS-ST	T9911 F-AN	T9911 FS-AN	T9911 F-AN-T	T9911 FS-AN-T	T9911LC
1 x 3 3/4	25 x 8	T9920 F-ST	T9920 FS-ST	T9920 F-AN	T9920 FS-AN	T9920 F-AN-T	T9920 FS-AN-T	T9920LC
1 x 4	25 x 10	T9921 F-ST	T9921 FS-ST	T9921 F-AN	T9921 FS-AN	T9921 F-AN-T	T9921 FS-AN-T	T9921LC
1 x 5	25 x 12	T9922 F-ST	T9922 FS-ST	T9922 F-AN	T9922 FS-AN	T9922 F-AN-T	T9922 FS-AN-T	T9922LC
1 x 6	25 x 15	T9923 F-ST	T9923 FS-ST	T9923 F-AN	T9923 FS-AN	T9923 F-AN-T	T9923 FS-AN-T	T9923LC
1 x 7	25 x 18	T9924 F-ST	T9924 FS-ST	T9924 F-AN	T9924 FS-AN	T9924 F-AN-T	T9924 FS-AN-T	T9924LC
1 1/4 x 5	30 x 12	T9931 F-ST	T9931 FS-ST	T9931 F-AN	T9931 FS-AN	T9931 F-AN-T	T9931 FS-AN-T	T9931LC
1 1/4 x 6	30 x 15	T9932 F-ST	T9932 FS-ST	T9932 F-AN	T9932 FS-AN	T9932 F-AN-T	T9932 FS-AN-T	T9932LC
1 1/2 x 3 3/4	38 x 8	T9940 F-ST	T9940 FS-ST	T9940 F-AN	T9940 FS-AN	T9940 F-AN-T	T9940 FS-AN-T	T9940LC
1 1/2 x 6	38 x 15	T9941 F-ST	T9941 FS-ST	T9941 F-AN	T9941 FS-AN	T9941 F-AN-T	T9941 FS-AN-T	T9941LC
1 1/2 x 8	38 x 20	T9942 F-ST	T9942 FS-ST	T9942 F-AN	T9942 FS-AN	T9942 F-AN-T	T9942 FS-AN-T	T9942LC
1 1/2 x 10	38 x 25	T9943 F-ST	T9943 FS-ST	T9943 F-AN	T9943 FS-AN	T9943 F-AN-T	T9943 FS-AN-T	T9943LC

CUSTOM SIZE BLADES AVAILABLE



TO ORDER CALL: (224) 353-6446



ELMED FERRIERA STYLE FIBER OPTIC RETRACTORS



MADE IN THE USA

DESIGNED FOR PLASTIC, SPECIALTY AND GENERAL SURGICAL PROCEDURES

- ENHANCING TISSUE EXPOSURE WITH COLD FIBER OPTIC LIGHT
- "LITE MODULAR DESIGN - WITH AND WITHOUT SUCTION"

FERRIERA STYLE:

CONCAVE BLADE WITH CURVED
DOWN ROUNDED



MODULAR DESIGN



FEATURES:

- MODULAR - REMOVABLE LIGHT CARRIER FOR ENHANCED CLEANING, STERILITY + SERVICEABILITY
- AESTHETIC GOLD PLATED STAINLESS STEEL HANDLE
- STRONG, NONCORROSIVE STAINLESS STEEL BLADE WITH POLISHED TIP FOR MAXIMUM LIGHT REFLECTION
- FLAT - LOW PROFILE LIGHT CARRIER 5MM DIAMETER FOR OPTIMUM LIGHT AND MINIMUM INVASION
- ELMED RETRACTORS FEATURE A UNIVERSAL FIBER LIGHT CABLE ADAPTER (ACMI, WOLF, STORZ/OLYMPUS)



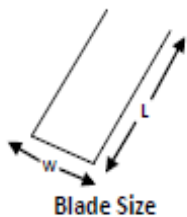
WE DESIGN, MANUFACTURE & SELL THE TOOLS THE SURGEONS USE



ELMED FERRIERA STYLE FIBER OPTIC RETRACTORS



MADE IN THE USA



CONCAVE BLADE W/ CURVED DOWN ROUND TIP

INCHES W X L	METRIC W(MM) X L (CM)	FIBER OPTIC (F)	FIBER OPTIC + SUCTION (FS)	OPTIONAL LIGHT CARRIER (LC)	SUCTION ONLY (S)	RETRACTOR ONLY(R)
ITEM NO.						
1/2 X 2 3/4	14 X 7	F9901 F	F9901 FS	F9901LC	F 9901 S	F 9901 R
5/8 X 3 1/4	16 X 8	F9910 F	F9910 FS	F9910LC	F 9910 S	F 9910 R
5/8 X 6	16 X 15	F9911 F	F9911 FS	F9911LC	F 9911 S	F 9911 R
3/4 X 9	18 X 23	F9915 F	F9915 FS	F9915LC	F 9915 S	F 9915 R
7/8 X 4	23 X 10	F9916 F	F9916 FS	F9916LC	F 9916 S	F 9916 R
7/8 X 5	23 X 12	F9917 F	F9917 FS	F9917LC	F 9917 S	F 9917 R
7/8 X 6	23 X 15	F9918 F	F9918 FS	F9918LC	F 9918 S	F 9918 R
7/8 X 7	23 X 18	F9919 F	F9919 FS	F9919LC	F 9919 S	F 9919 R
1 X 4	25 X 10	F9921 F	F9921 FS	F9921LC	F 9921 S	F 9921 R
1 X 5	25 X 12	F9922 F	F9922 FS	F9922LC	F 9922 S	F 9922 R
1 X 6	25 X 15	F9923 F	F9923 FS	F9923LC	F 9923 S	F 9923 R
1 X 7	25 X 18	F9924 F	F9924 FS	F9924LC	F 9924 S	F 9924 R
1 1/4 X 5	30 X 12	F9931 F	F9931 FS	F9931LC	F 9931 S	F 9931 R
1 1/4 X 6	30 X 15	F9932 F	F9932 FS	F9932LC	F 9932 S	F 9932 R
1 1/4 X 9	30 X 23	F9933 F	F9933 FS	F9933LC	F 9933 S	F 9933 R

CUSTOM SIZE BLADES AVAILABLE



TO ORDER CALL: (224) 353-6446



ELMED INSULATED NON CONDUCTIVE FIBER OPTIC RETRACTORS



MADE IN THE USA

DESIGNED FOR PLASTIC, SPECIALTY, AND GENERAL SURGICAL PROCEDURES

- FOR USE IN SURGICAL PROCEDURES WHERE RF ELECTROSURGICAL CURRENT IS PRESENT
- "LITE MODULAR DESIGN - WITH AND WITHOUT SUCTION"

AVAILABLE WITH TWO BLADE STYLES



TIP-SMOOTH (SLIGHT CURVE DOWN)



TIP W/ TEETH (RIGHT ANGLE)



FEATURES:

- FULLY INSULATED NONCONDUCTIVE STAINLESS STEEL BLADES AND HANDLE
- MODULAR - REMOVABLE LIGHT CARRIER FOR ENHANCED CLEANING, STERILITY + SERVICEABILITY



- FLAT - LOW PROFILE LIGHT CARRIER 5MM DIAMETER FOR OPTIMUM LIGHT AND MINIMUM INVASION



- ELMED RETRACTORS FEATURE A UNIVERSAL FIBER LIGHT CABLE ADAPTER (ACMI, WOLF, STORZ/ OLYMPUS)



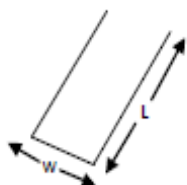
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ELMED INSULATED NON CONDUCTIVE FIBER OPTIC RETRACTORS



MADE IN THE USA



Blade Size



AUTOMATIC ROUND TIP



RIGHT ANGLE TIP W/ TEETH
(T)



ATRAUMATIC ROUND TIP
NO LIGHT CARRIER

W X L (IN.)	METRIC W(MM) X L (CM)	FIBER OPTIC (F)	FIBER OPTIC + SUCTION (FS)	FIBER OPTIC (F)	FIBER OPTIC + SUCTION (FS)	SUCTION ONLY (S)	RETRACTOR ONLY (R)
ITEM NO.							
1/2 X 2	14 X 5	19900 F	19900 FS	19900 F-T	19900 FS-T	19900 S	19900 R
1/2 X 2 3/4	14 X 7	19901 F	19901 FS	19901 F-T	19901 FS-T	19901 S	19901 R
5/8 X 3 1/4	16 X 8	19910 F	19910 FS	19910 F-T	19910 FS-T	19910 S	19910 R
5/8 X 6	16 X 15	19911 F	19911 FS	19911 F-T	19911 FS-T	19911 S	19911 R
3/4 X 9	18 X 23	19915 F	19915 FS	19915 F-T	19915 FS-T	19915 S	19915 R
7/8 X 4	23 X 10	19916 F	19916 FS	19916 F-T	19916 FS-T	19916 S	19916 R
7/8 X 5	23 X 12	19917 F	19917 FS	19917 F-T	19917 FS-T	19917 S	19917 R
7/8 X 6	23 X 15	19918 F	19918 FS	19918 F-T	19918 FS-T	19918 S	19918 R
7/8 X 7	23 X 18	19919 F	19919 FS	19919 F-T	19919 FS-T	19919 S	19919 R
1 X 4	25 X 10	19921 F	19921 FS	19921 F-T	19921 FS-T	19921 S	19921 R
1 X 5	25 X 12	19922 F	19922 FS	19922 F-T	19922 FS-T	19922 S	19922 R
1 X 6	25 X 15	19923 F	19923 FS	19923 F-T	19923 FS-T	19923 S	19923 R
1 X 7	25 X 18	19924 F	19924 FS	19924 F-T	19924 FS-T	19924 S	19924 R
1 1/4 X 7	30 X 12	19931 F	19931 FS	19931 F-T	19931 FS-T	19931 S	19931 R
1 1/4 X 6	30 X 15	19932 F	19932 FS	19932 F-T	19932 FS-T	19932 S	19932 R
1 1/4 X 9	30 X 23	19933 F	19933 FS	19933 F-T	19933 FS-T	19933 S	19933 R

CUSTOM SIZE BLADES AVAILABLE



TO ORDER CALL: (224) 353-6446



ELMED STANDARD FIBER OPTIC RETRACTORS



MADE IN THE USA

DESIGNED FOR PLASTIC, SPECIALTY AND GENERAL SURGICAL PROCEDURES

- ENHANCING TISSUE EXPOSURE WITH COLD FIBER OPTIC LIGHT
 - “ONE PIECE DESIGN - WITH AND WITHOUT SUCTION”

AVAILABLE WITH TWO BLADE STYLES

ONE PIECE DESIGN FOR STRENGTH + STABILITY



TIP-SMOOTH (SLIGHT CURVE DOWN)



TIP-WITH TEETH (RIGHT ANGLE DOWN)



FEATURING:

- AUTO CLEAVABLE BLADE INSULATED NON-SLIP STAINLESS STEEL HANDLE.
- STRONG NON CORROSIVE STAINLESS STEEL BLADE WITH POLISHED TIP FOR MAXIMUM LIGHT REFLECTION.
- UNIFORMLY LASER WELDED + SEALED LIGHT CARRIER + SUCTION TUBE FOR MAXIMUM CLEANING + STERILITY



- FLAT - LOW PROFILE LIGHT CARRIER 5MM DIAMETER FOR OPTIMUM LIGHT AND MINIMUM INVASION
- ELMED RETRACTORS FEATURE A UNIVERSAL FIBER LIGHT CABLE ADAPTER (ACMI, WOLF, STORZ/OLYMPUS)



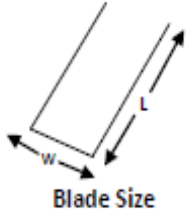
WE DESIGN, MANUFACTURE & SELL THE TOOLS THE SURGEONS USE



ELMED STANDARD FIBER OPTIC RETRACTORS



MADE IN THE USA



TIP-CURVED DOWN
SMOOTH (CS)



TIP-RIGHT ANGLE
SMOOTH (RAS)



TIP-RIGHT ANGLE
WITH TEETH

RETRACTOR
ONLY

- NO FIBER
OPTION
- SUCTION ONLY

W X L (IN.)	METRIC MM X CM	FIBER OPTIC (F)	FIBER OPTIC +SUCTION (FS)	FIBER OPTIC(F)	FIBER OPTIC +SUCTION (FS)	FIBER OPTIC (F)	FIBER OPTIC +SUCTION (FS)	TIP SMOOTH (S)	TIP W/ TEETH (T)
		ITEM NO.							
½ X 2¾	14 X 7	9874 F	9874 FS	9874 F-RAS	9874 FS-RAS	9874 FT	9874 FST	9874 S	9874 T
⅝ X 3½	16 X 9	9875 F	9875 FS	9875 F-RAS	9875 FS-RAS	9875 FT	9875 FST	9875 S	9875 T
⅝ X 6	16 X 5	9883 F	9883 FS	9883 F-RAS	9883 FS-RAS	9883 FT	9883 FST	9883 S	9883 T
1 X 3½	25 X 9	9876 F	9876 FS	9876 F-RAS	9876 FS-RAS	9876 FT	9876 FST	9876 S	9876 T
1 X 4	25 X 10	9884 F	9884 FS	9884 F-RAS	9884 FS-RAS	9884 FT	9884 FST	9884 S	9884 T
1 X 5	25 X 12	9877 F	9877 FS	9877 F-RAS	9877 FS-RAS	9877 FT	9877 FST	9877 S	9877 T
1 X 6	25 X 15	9878 F	9878 FS	9878 F-RAS	9878 FS-RAS	9878 FT	9878 FST	9878 S	9878 T
1 X 7	25 X 18	9880 F	9880 FS	9880 F-RAS	9880 FS-RAS	9880 FT	9880 FST	9880 S	9880 T
1¼ X 8	30 X 20	9885 F	9885 FS	9885 F-RAS	9885 FS-RAS	9885 FT	9885 FST	9885 S	9885 T
1¼ X 9	30 X 9	9882 F	9882 FS	9882 F-RAS	9882 FS-RAS	9882 FT	9882 FST	9882 S	9882 T
1½ X 7	38 X 18	9886 F	9886 FS	9886 F-RAS	9886 FS-RAS	9886 FT	9886 FST	9886 S	9886 T
1¼ X 10	38 X 25	9887 F	9887 FS	9887 F-RAS	9887 FS-RAS	9887 FT	9887 FST	9887 S	9887 T

CUSTOM SIZE BLADES AVAILABLE



TO ORDER CALL: (224) 353-6446



ELMED ECONOMY FIBER OPTIC RETRACTORS



MADE IN THE USA

DESIGNED FOR PLASTIC, SPECIALTY AND GENERAL SURGICAL PROCEDURES

- ENHANCING TISSUE EXPOSURE WITH COLD FIBER OPTIC LIGHT

ONE PIECE DESIGN WITH “LITE” ERGONOMIC HANDLE AVAILABLE WITH AND WITHOUT SUCTION

AVAILABLE WITH TWO BLADE STYLES



TIP-SMOOTH (RIGHT ANGLE DOWN)



TIP WITH TEETH (RIGHT ANGLE)

OUR LOWEST COST FIBER OPTIC RETRACTORS



FEATURING:

- AUTO CLEAVABLE “LITE” ERGONOMIC THERMOPLASTIC HANDLE
- STRONG NONCORROSIVE STAINLESS STEEL BLADE WITH POLISHED TIP FOR MAXIMUM LIGHT REFLECTION UNIFORMLY LASER WELDED + SEALED LIGHT CARRIER + SUCTION TUBE FOR MAXIMUM CLEANING + STERILITY
- UNIFORMLY LASER WELDED + SEALED LIGHT CARRIER + SUCTION TUBE FOR MAXIMUM CLEANING + STERILITY



- FLAT - LOW PROFILE LIGHT CARRIER MM DIAMETER FOR OPTIMUM LIGHT AND MINIMUM INVASION



- ELMED RETRACTORS FEATURE A UNIVERSAL FIBER LIGHT CABLE ADAPTER (ACMI, WOLF, STORZ/OLYMPUS)



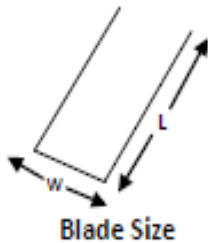
WE DESIGN, MANUFACTURE & SELL THE TOOLS THE SURGEONS USE



ELMED ECONOMY FIBER OPTIC RETRACTORS



MADE IN THE USA



TIP SMOOTH ANGLE-SMOOTH

TIP-RIGHT ANGLE WITH TEETH

INCHES W X L	METRIC W(MM) X L (CM)	FIBER OPTIC (F)	FIBER OPTIC + SUCTION	FIBER OPTIC + TEETH (F-T)	FIBER OPTIC, SUCTION + TEETH
		ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.
1/2 X 2 3/4	14 X 7	E9874 F	E9874 FS	E9874 F-T	E9874 FS-T
5/8 X 3 1/2	16 X 9	E9875 F	E9875 FS	E9875 F-T	E9875 FS-T
1 X 4	25 X 10	E9884 F	E9884 FS	E9884 F-T	E9884 FS-T
1 X 6	25 X 15	E9878 F	E9878 FS	E9878 F-T	E9878 FS-T
1 X 8	25 X 20	E9879 F	E9879 FS	E9879 F-T	E9879 FS-T
1 X 10	25 X 25	E9883 F	E9883 FS	E9883 F-T	E9883 FS-T
1 1/2 X 4 3/4	38 X 12	E9881 F	E9881 FS	E9881 F-T	E9881 FS-T
1 1/2 X 7	38 X 18	E9886 F	E9886 FS	E9886 F-T	E9886 FS-T
1 1/2 X 10	38 X 25	E9887 F	E9887 FS	E9887 F-T	E9887 FS-T

CUSTOM SIZE BLADES AVAILABLE



TO ORDER CALL: (224) 353-6446



ELMED FIBER OPTIC BRITETRAC™ RETRACTORS



MADE IN THE USA

DESIGNED AND BUILT FOR THE PLASTIC SURGEON, OTOLARYNGOLOGIST AND GENERAL SURGEON. ENHANCING TISSUE EXPOSURE WITH COLD FIBER OPTIC LIGHT.



FEATURING:

AUTOCLAVABLE, MOLDED, BLUE SILICONE HANDLE FOR MAXIMUM COMFORT AND NO-SLIP GRIP.

STRONG, NON CORROSIVE STAINLESS STEEL BLADE WITH POLISHED TIP FOR MAXIMUM LIGHT REFLECTION.

5MM FIBER-LIGHT CARRIER

UNIVERSAL FIBER-LIGHT CABLE CONNECTOR (ACMI BASE).

UNIFORMLY, SEALED EXTERNAL COMPONENTS FOR MAXIMUM CLEANING AND STERILITY

AVAILABLE IN 4 POPULAR TIP STYLES



RIGHT ANGLE-SMOOTH
(AN)



RIGHT ANGLE-TEETH



ANGLE DOWN STRAIGHT



ANGLED DOWN-CURVED



BUILT IN SUCTION AVAILABLE
ON ALL RETRACTORS

BRITETRAC™ IS A TRADEMARK OF APPLIED FIBER OPTICS, INC



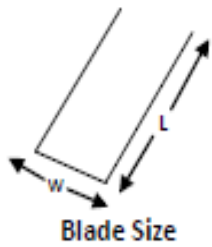
WE DESIGN, MANUFACTURE & SELL THE TOOLS THE SURGEONS USE



ELMED FIBER OPTIC BRITETRAC™ RETRACTORS



MADE IN THE USA



RIGHT ANGLE-
SMOOTH (AN)



RIGHT ANGLE-
TEETH (AN-T)



ANGLED DOWN
STRAIGHT (AD-S)



ANGLED DOWN
CURVED (AD-C)

INCHES W x L	METRIC W MM x L CM	FIBER OPTIC(F)	FIBER OPTIC +SUCTION (FS-AN)	FIBER OPTIC (F)	FIBER OPTIC +SUCTION (FS)	FIBER OPTIC (F)	FIBER OPTIC +SUCTION (FS)	FIBER OPTIC(F)	FIBER OPTIC + SUCTION (FS)
		ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.
5/8 x 3 1/4	16 x 8	B9910 F- AN	B9910 FS- AN	B9910 F- AN-T	B9910 FS- AN-T	B9910 F -AD-S	B9910 FS- AD-S	B9910 F- AD-C	B9910 FS- AD-C
5/8 x 6	16 x 15	B9911 F- AN	B9911 FS- AN	B9911 F- AN-T	B9911 FS- AN-T	B9911 F -AD-S	B9911 FS- AD-S	B9911 F- AD-C	B9911 FS- AD-C
1 x 3 1/4	25 x 8	B9920 F- AN	B9920 FS- AN	B9920 F- AN-T	B9920 FS- AN-T	B9920 F -AD-S	B9920 FS- AD-S	B9920 F- AD-C	B9920 FS- AD-C
1 x 4	25 x 10	B9921 F- AN	B9921 FS- AN	B9921 F- AN-T	B9921 FS- AN-T	B9921 F -AD-S	B9921 FS- AD-S	B9921 F- AD-C	B9921 FS- AD-C
1 x 5	25 x 12	B9922 F- AN	B9922 FS- AN	B9922 F- AN-T	B9922 FS- AN-T	B9922 F -AD-S	B9922 FS- AD-S	B9922 F- AD-C	B9922 FS- AD-C
1 x 6	25 x 15	B9923 F- AN	B9923 FS- AN	B9923 F- AN-T	B9923 FS- AN-T	B9923 F -AD-S	B9923 FS- AD-S	B9923 F- AD-C	B9923 FS- AD-C
1 x 7	25 x 18	B9924 F- AN	B9924 FS- AN	B9924 F- AN-T	B9924 FS- AN-T	B9924 F -AD-S	B9924 FS- AD-S	B9924 F- AD-C	B9924 FS- AD-C
1 1/4 x 5	30 x 12	B9931 F- AN	B9931 FS- AN	B9931 F- AN-T	B9931 FS- AN-T	B9931 F -AD-S	B9931 FS- AD-S	B9931 F- AD-C	B9931 FS- AD-C
1 1/4 x 6	30 x 15	B9932 F- AN	B9932 FS- AN	B9932 F- AN-T	B9932 FS- AN-T	B9932 F -AD-S	B9932 FS- AD-S	B9932 F- AD-C	B9932 FS- AD-C
1 1/2 x 3 1/4	38 x 8	B9940 F- AN	B9940 FS- AN	B9940 F- AN-T	B9940 FS- AN-T	B9940 F -AD-S	B9940 FS- AD-S	B9940 F- AD-C	B9940 FS- AD-C
1 1/2 x 6	38 x 15	B9941 F- AN	B9941 FS- AN	B9941 F- AN-T	B9941 FS- AN-T	B9941 F -AD-S	B9941 FS- AD-S	B9941 F- AD-C	B9941 FS- AD-C
1 1/2 x 8	38 x 20	B9942 F- AN	B9942 FS- AN	B9942 F- AN-T	B9942 FS- AN-T	B9942 F -AD-S	B9942 FS- AD-S	B9942 F- AD-C	B9942 FS- AD-C
1 1/2 x 10	38 x 25	B9943 F- AN	B9943 FS- AN	B9943 F- AN-T	B9943 FS- AN-T	B9943 F -AD-S	B9943 FS- AD-S	B9943 F- AD-C	B9943 FS- AD-C

CUSTOM SIZE BLADES AVAILABLE



TO ORDER CALL: (224) 353-6446



ELMED LED AND FIBER OPTIC LIGHT SOURCES



MADE IN THE USA

LED



ITEM NO.	DESCRIPTION
98-2000	ELMED LED 2000 LIGHT SOURCE W/ (4) PORT LIGHT TURRENT (ACMI, WOLF, STORZ, & OLYMPUS)
98-2001	ELMED LED 2000 LIGHT SOURCE W/ SINGLE PORT (PLEASE SPECIFY CONNECTION WHEN ORDERING)

FEATURES OF THE LED 2000:

- BRIGHT WHITE LIGHT OUTPUT
- COMPARABLE TO MOST 150W HALOGEN & 75W METAL HALIDE LIGHT SOURCES
- EXPECTED LED LIFE OF 50,000 HOURS

LED



ITEM NO.	DESCRIPTION
98-3000	ELMED LED 3000 LIGHT SOURCE W/ (4) PORT LIGHT TURRENT (ACMI, WOLF, STORZ, & OLYMPUS)

FEATURES OF THE LED 3000:

- BRIGHT WHITE LIGHT OUTPUT
- COMPARABLE TO MOST 250W HALOGEN & 180W XENON LIGHT SOURCES
- EXPECTED LED LIFE OF 30,000 HOURS
- THE LIGHT PORT ALSO INCLUDES A SENSOR TO DETERMINE IF THE FIBER OPTIC CABLE IS INSERTED, IF NOT IT GOES INTO STANDBY MODE W/ LED POWERED DOWN
- INCLUDES INTEGRAL SOFTWARE CONTROLS FOR THERMAL MANAGEMENT, DIMING CONTROL (ANALOG OR PAWN), & PROVIDING FEEDBACK ON LED & ELECTRONIC TEMPERATURE & FAN SPEED

LED



ITEM NO.	DESCRIPTION
9809-02	ELMED HANDY III PORTABLE LED LIGHT SOURCE W/ RECHARGEABLE BATTERY
9809-02-01	RECHARGEABLE LITHIUM BATTERY 3.7V

FEATURES OF THE HANDY III:

- POWERFUL FOCUSED 3W LED ELEMENT, PROVIDES MORE ILLUMINATION THAN COMPETITORS, DUE TO OUR INCORPORATED SUPER MAGNIFYING LENS & CUTTING EDGE TECHNOLOGY
- LONGER BATTERY LIFE & MORE LIGHT OUTPUT DUE TO THE SMALL 3W LED ELEMENT, WHICH CONSUMES A LOT LESS POWER THAN A HALOGEN LAMP
- STAINLESS STEEL
- AVERAGE ILLUMINATION-28,000-46,000 LUX
- WIDE APPLICATION AS A PORTABLE LIGHT SOURCE FOR ENDOSCOPES, OTOSCOPES, FORCEPS, FLEXIBLE SCOPES & FIBER OPTIC HEADLIGHTS

LOW TEMPERATURE-COLD, BRIGHT FIBER OPTIC LIGHT



WE DESIGN, MANUFACTURE & SELL THE TOOLS THE SURGEONS USE



ELMED OL-160 HALOGEN LIGHT SOURCES



MADE IN THE USA

9812T



200W QUARTZ HALOGEN LAMP & 4-POST
TURRET (ACMI, STORZ, WOLF & OLYM-
PUS)

9812



200W QUARTZ HALOGEN LAMP &
SINGLE ACMI LIGHT PORT

FEATURES OF THE OL 160:

- BRIGHT LONG LASTING 200 WATTAGE POWER
- POSITIVE CONTROL VARIABLE INTENSITY SELECTOR
- COOLING RUNNING FAN
- COMPACT SIZE: 7½" X 7" X 4", 5½ LBS.
- CARRYING HANDLE AVAILABLE (SPECIFY WHEN ORDERING)



TO ORDER CALL: (224) 353-6446



SPECIAL FIBER OPTIC LIGHT GUIDES FOR UNIQUE APPLICATIONS



MADE IN THE USA

CLIP-ON, REUSABLE, RIGID OR FLEXIBLE FIBER LIGHT GUIDES



FEATURES:

- STAINLESS STEEL CONSTRUCTION
- PREMIUM SEALED FIBER GUIDES
- ACMI, WOLF, STORZ/OLYMPUS LIGHT CABLE CONNECTOR
- FULLY AUTOCLAVABLE

ITEM NO. **9890**

CLIP-ON, REUSABLE, RIGID FIBER
LIGHT GUIDE-STAINLESS STEEL



ELMED RETRACTORS FEATURE A UNIVERSAL
FIBER LIGHT CABLE ADAPTER (ACMI, WOLF,
STORZ/OLYMPUS)



FLAT. STAINLESS STEEL
INSULATED

ITEM NO.	DESCRIPTION
9819	ELMED FIBER LIGHT CABLE WITH ACMI RETRACTOR AND LIGHT SOURCE CONNECTORS
9820	ELMED FIBER LIGHT CABLE WITH UNIVERSAL RETRACTOR & LIGHT SOURCE CONNECTORS (SPECIFY MAKE)
9881	WOLF TYPE RETRACTOR POST ADAPTER
9882	STORZ/OLYMPUS TYPE RETRACTOR POST ADAPTER
9883	STORZ/OLYMPUS TO ACMI SNAP ON LIGHT POST ADAPTER
9831	ACMI/ACMI CABLE CONNECTOR
9832	ACMI/WOLF CABLE CONNECTOR

“Y” DUAL FIBER-LIGHT CABLE CONNECTOR

CONVERT YOUR SINGLE OUTLET LIGHT SOURCE TO “DUAL” OUTPUT
LETTING YOU USE (2) FIBER OPTIC INSTRUMENTS AT THE SAME
TIME.

ITEM NO. **9899**



WE DESIGN, MANUFACTURE & SELL THE TOOLS THE SURGEONS USE



FIBER OPTIC RETRACTORS

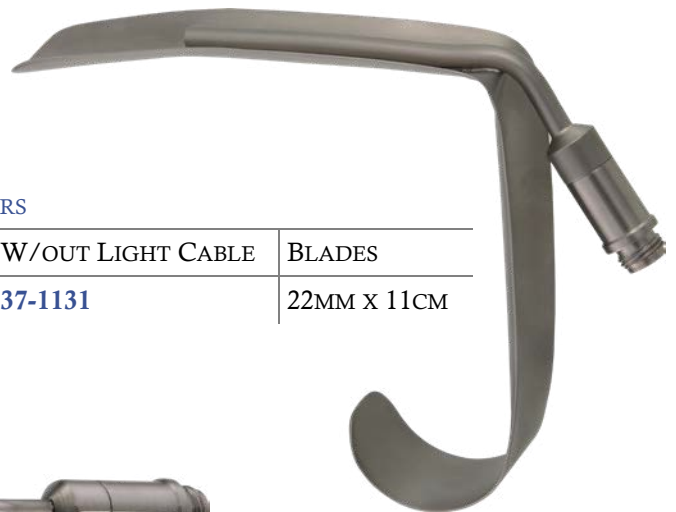


MADE IN THE USA



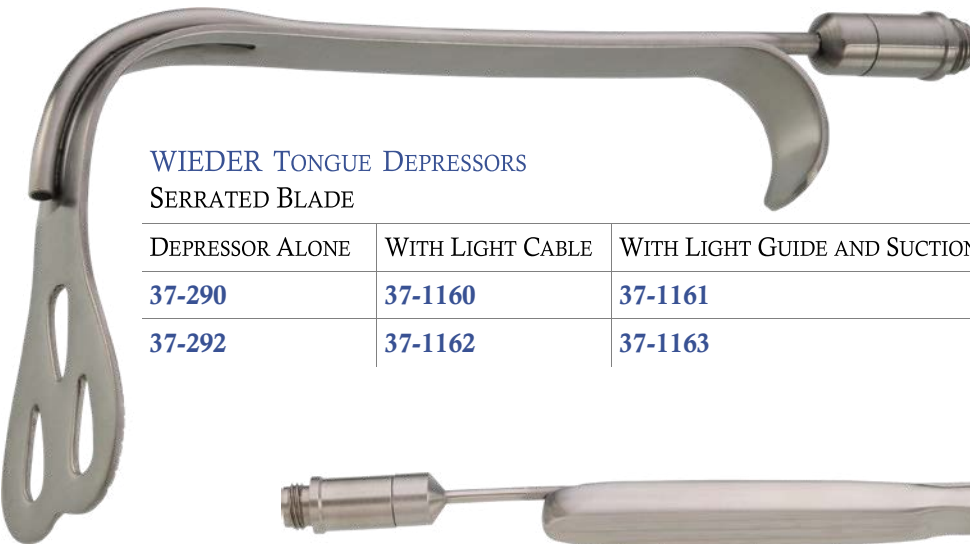
MULTI APPROACH RETRACTOR

ITEM NO.	BLADES
37-1090	23MM X 18CM



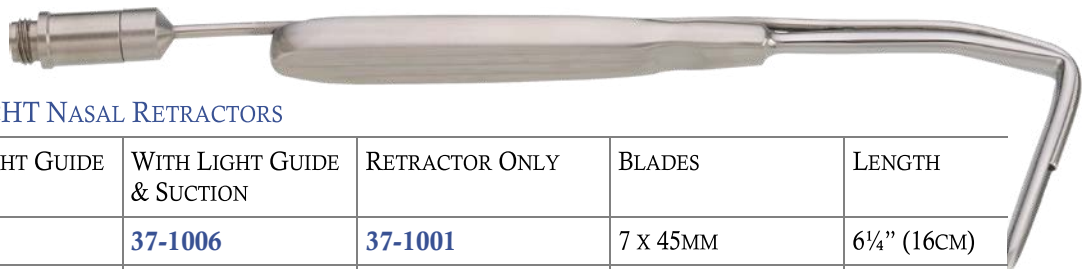
FACE-LIFT RETRACTORS

WITH LIGHT CABLE	W/OUT LIGHT CABLE	BLADES
37-1130	37-1131	22MM X 11CM



WIEDER TONGUE DEPRESSORS SERRATED BLADE

DEPRESSOR ALONE	WITH LIGHT CABLE	WITH LIGHT GUIDE AND SUCTION	LENGTH	BLADES
37-290	37-1160	37-1161	5½" (14CM)	38MM, SMALL
37-292	37-1162	37-1163	6" (15CM)	45MM, LARGE



AUFRICHT NASAL RETRACTORS

WITH LIGHT GUIDE	WITH LIGHT GUIDE & SUCTION	RETRACTOR ONLY	BLADES	LENGTH
37-1000	37-1006	37-1001	7 X 45MM	6¼" (16CM)
37-1004	37-1008	37-1005	7 X 45MM	7" (18CM)
37-1002	37-1007	37-1003	10 X 45MM	7" (18CM)

FENESTRATED BLADES

WITH LIGHTGUIDE	RETRACTOR ONLY	BLADES	LENGTH
37-10001	37-10011	45MM	7" (18CM)



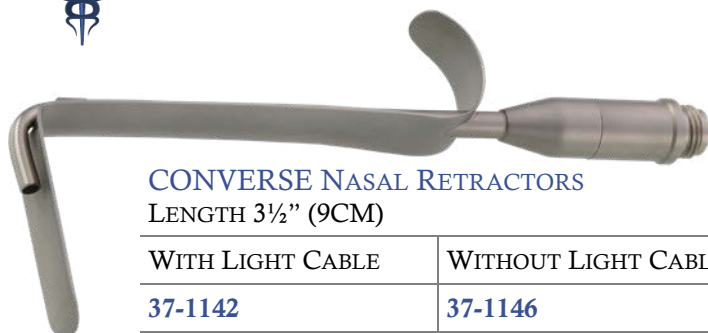
TO ORDER CALL: (224) 353-6446



FIBER OPTIC RETRACTORS



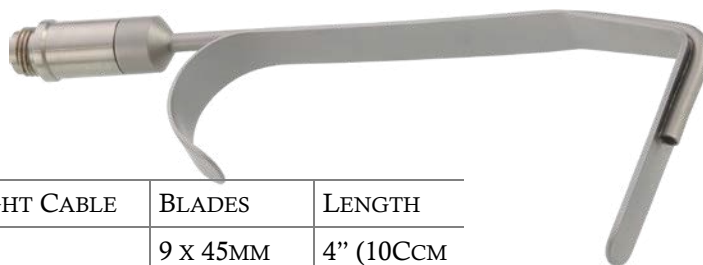
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CONVERSE NASAL RETRACTORS

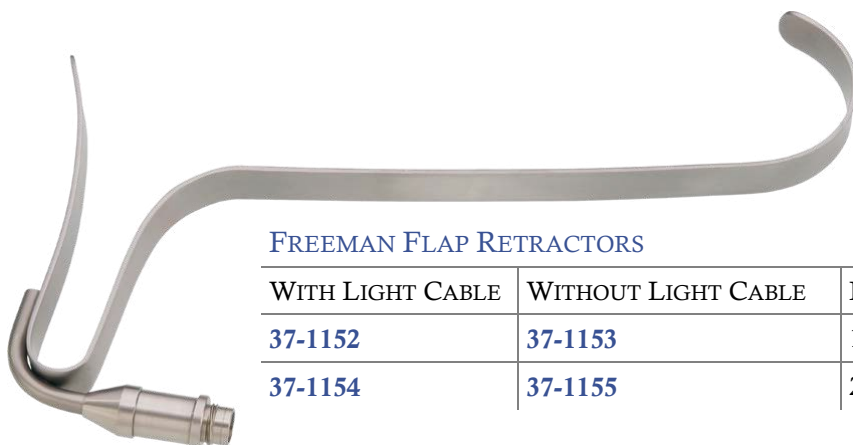
LENGTH 3½" (9CM)

WITH LIGHT CABLE	WITHOUT LIGHT CABLE	BLADES
37-1142	37-1146	10 x 20MM
37-1143	37-1147	12 x 30MM
37-1144	37-1148	12 x 40MM
37-1145	37-1149	12 x 50MM



MALINIAC NASAL RETRACTORS

WITH LIGHT CABLE	WITHOUT LIGHT CABLE	BLADES	LENGTH
37-1140	37-1139	9 x 45MM	4" (10CCM)



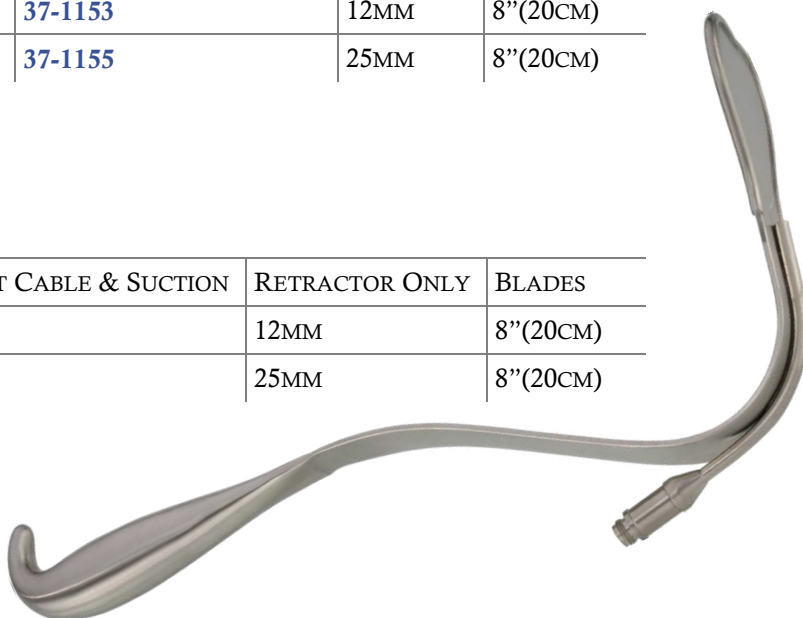
FREEMAN FLAP RETRACTORS

WITH LIGHT CABLE	WITHOUT LIGHT CABLE	BLADES	LENGTH
37-1152	37-1153	12MM	8"(20CM)
37-1154	37-1155	25MM	8"(20CM)

HARRINGTON RETRACTORS

LENGTH 12½" (32CM)

WITH LIGHT CABLE	WITH LIGHT CABLE & SUCTION	RETRACTOR ONLY	BLADES
37-1152	37-1153	12MM	8"(20CM)
37-1154	37-1155	25MM	8"(20CM)



WE DESIGN, MANUFACTURE & SELL THE TOOLS THE SURGEONS USE



FIBER OPTIC RETRACTORS

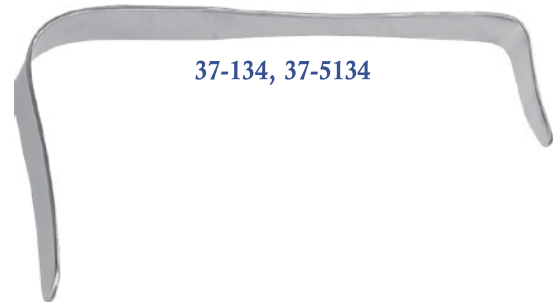


MADE IN THE USA



DEAVER RETRACTORS

WITH LIGHT GUIDE	WITHOUT LIGHT GUIDE	BLADES	LENGTH
37-5130	37-1291	3/4" (19 MM)	7" (18 CM)
37-5133		1" (25 MM)	8" (20 CM)
37-5134	37-134	1" (25 MM)	9" (23 CM)
37-5129	37-129	5/8" (16 MM)	9" (23 CM)
37-5136	37-136	1" (25 MM)	9" (12 CM)
37-5138	37-138	1" (25 MM)	13" (33 CM)
37-5142	37-142	1 1/2" (38 MM)	12" (30 CM)
37-5144	37-144	2" (50 MM)	12" (30 CM)
37-5143	37-143	1 1/2" (38 MM)	13" (33 CM)



37-134, 37-5134

BREAST SPATULAS WITH HANDLE

LENGTH 12 1/2" (31.5 CM), SEMI MALLEABLE

SERRATED	SMOOTH	WORKING TIP
572-1201	572-1203	1" X 6" (25 MM X 18 CM)
572-1202	572-1204	1 1/2" X 6" (38 MM X 18 CM)



DEAVER PEDIATRIC RETRACTORS

LENGTH 8" (20 CM), TAIL CURVED TO FRONT

WITH LIGHT GUIDE	BLADES
37-512516	5/8" (16 MM)
37-512525	1" (25 MM)



BREAST RETRACTORS

DOUBLE ENDED

RETRACTOR ONLY	WITH LIGHT CABLE	LENGTH	BLADES
37-1214		8 1/4" (21 CM)	20 MM X 60 MM, 34 MM X 70 MM
37-1212		9 1/2" (24 CM)	22 MM X 55 MM, 38 MM X 70 MM
37-1210	1211	12 1/2" (31 CM)	22 MM X 55 MM, 38 MM X 70 MM



TO ORDER CALL: (224) 353-6446

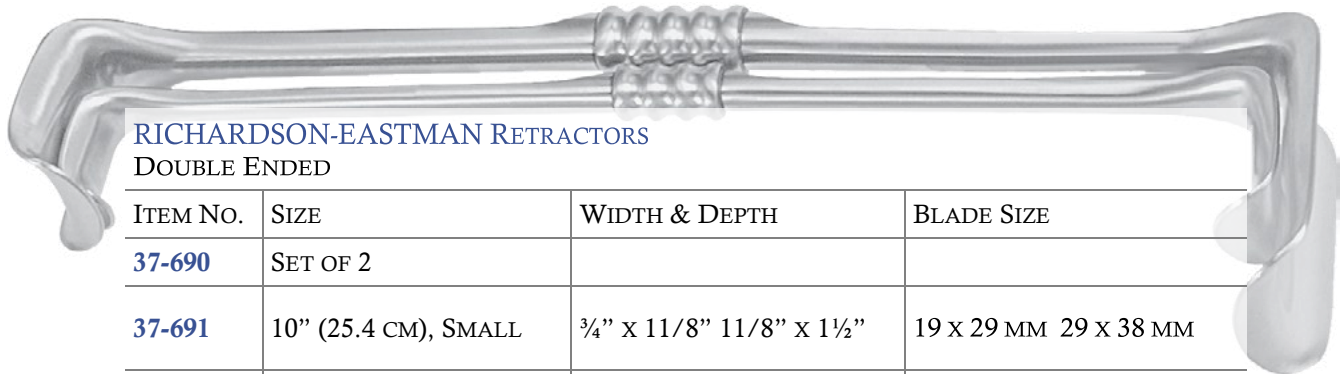


RETRACTORS

LEFT HAND

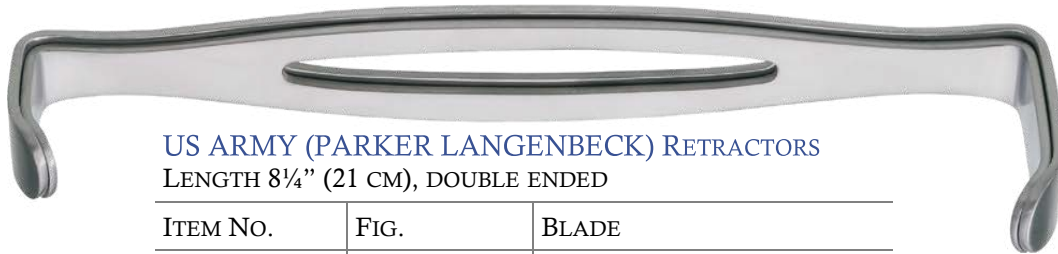


MADE IN THE USA



RICHARDSON-EASTMAN RETRACTORS DOUBLE ENDED

ITEM NO.	SIZE	WIDTH & DEPTH	BLADE SIZE
37-690	SET OF 2		
37-691	10" (25.4 CM), SMALL	¾" X 11/8" 11/8" X 1½"	19 X 29 MM 29 X 38 MM
37-692	105/8" (27 CM), LARGE	1½" X 1¾" 15/8" X 2½"	38 X 45 MM 41 X 64 MM



US ARMY (PARKER LANGENBECK) RETRACTORS LENGTH 8¼" (21 CM), DOUBLE ENDED

ITEM NO.	FIG.	BLADE
37-050	SET OF 2	
37-051	1	21 X 24 MM / 44 X 15 MM
37-052	2	25 X 24 MM / 44 X 15 MM

RIBBON RETRACTORS MALLEABLE

ITEM NO.	WIDTH	LENGTH
37-67806	¼" (0.6 CM)	7" (18 CM)
37-67810	2/5" (1 CM)	7" (18 CM)
37-67813	½" (1.3 CM)	7" (18 CM)
37-67815	3/5" (1.5 CM)	7" (18 CM)
37-67819	¾" (1.9 CM)	7" (18 CM)
37-67825	1" (2.5 CM)	7" (18 CM)
37-68219	½" (1.9 CM)	13" (33 CM)
37-68225	1" (2.5 CM)	13" (33 CM)
37-68231	1¼" (3.1 CM)	13" (33 CM)
37-68250	2" (5 CM)	13" (33 CM)
37-68275	3" (7.5 CM)	13" (33 CM)



LEFT HAND FOR HAND SURGERY

ITEM NO.	SIZE
37-11301	14" (35 CM), FOR ADULTS
37-11302	9½" (24 CM), FOR CHILDREN



WE DESIGN, MANUFACTURE & SELL THE TOOLS THE SURGEONS USE



RETRACTORS



MADE IN THE USA

ANDERSON BEAR CLAW RETRACTORS

2¾" (7CM)	4½" (11CM)	6¼" (16CM)	PRONGS
37-1361	37-1362	37-1363	3 SHARP
37-1365	37-1366	37-1364	5 SHARP



MILLARD (ADSON) HOOKS FORCEPS

DOUBLE HOOKS FORCEPS 1 X 2 TEETH, WITH THIMBLE

ITEM NO.	LENGTH	WIDE HOOK
37-13810	4" (10CM)	10MM



THIMBLE HOOKS BLADE (18 MM)

SINGLE HOOK	DOUBLE HOOK	TIP
37-1335	37-1336	RIGHT HANDED
37-1337	37-1338	LEFT HANDED



RAGNELL-DAVIS RETRACTOR

DOUBLE ENDED, DELICATE

ITEM NO.	LENGTH	SIZE
37-18415	6" (15CM)	8X3MM



RAKE AND BOW



CONVERSE ALAR RETRACTORS

LENGTH 4¾" (12 CM), DOUBLE ENDED

ITEM NO.	BLADES
37-1372	10 MM / 14 MM SHARP PRONGS
37-1373	10 MM / 14 MM BLUNT PRONGS



MARTINEZ KILNER RETRACTORS

2 SHARP HOOKS, WITH THIMBLE

ITEM NO.	LENGTH	TIP
37-1377	3¼" (8CM)	10MM
37-1376	4¼" (11.5CM)	7.5MM



LOGAN BOW LIP TRACTION RETRACTORS

WITHOUT TEETH	WITH TEETH	WIDTH	SIZE
37-1383	37-1393	1" (25MM)	11CM/4½"
37-1384	37-1394	1¼" (32MM)	15CM/6"
37-1385	37-1395	1¾" (35MM)	18CM/7"



RAGNELL RETRACTORS

DOUBLE ENDED

ITEM NO.	INSULATED BLADE	LENGTH	SIZE
37-18614		5½" (14CM)	8X4
37-18615	37-18715	6" (15CM)	



TO ORDER CALL: (224) 353-6446



RETRACTORS



MADE IN THE USA

RAKE AND SKIN

O'CONNER (IRIS) Hooks

SHARP

ITEM NO.	LENGTH
37-2001	5" (12.5CM)
37-2002	6¼" (16CM)



JOSEPH SKIN Hooks

LENGTH 6¼" (16 CM)

ROUND HANDLE	SHARP
37-2021	1 PRONG
37-2022	2MM, 2 PRONG
37-2023	5MM, 2 PRONG
37-2024	7MM, 2 PRONG
37-2025	10MM, 2 PRONG



McCOY Micro DERMAL HOOK

ITEM NO.	LENGTH
37-2040	5" (13CM)



FRAZIER DURA & SKIN Hooks

SHARP	BLUNT	LENGTH
37-190	37-191	5¼" (13CM)



GRAEFE (IRIS) HOOKLETS

LENGTH 6¼" (16CM)

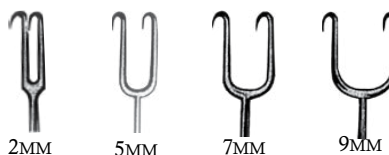
SHARP	BLUNT
37-240	37-242



CONVERSE SKIN Hooks

LENGTH 7½" (19 CM)

ITEM NO.	LENGTH
37-2011	SMALL
37-2012	LARGE



KLEINERT KUTZ HOOKLETS

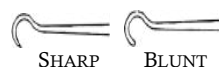
LENGTH 6¼" (16 CM)

ITEM NO.	TIP
37-2033	3MM
37-2035	5MM
37-2037	7MM



COTTLE MUCOS HOOK

ITEM NO.	LENGTH
37-760	6¼" (16CM)



TYRELL SKIN HOOK

SHARP	LENGTH
37-2050	5" (13CM)



WE DESIGN, MANUFACTURE & SELL THE TOOLS THE SURGEONS USE



RETRACTORS



MADE IN THE USA

SENN RETRACTORS

LENGTH 6¼" (16 CM) BLADE 7 x 8.5 MM

SHARP	BLUNT	PRONGS
37-370	37-372	3



RAKE AND NASAL



NON CONDUCTIVE INSULATED BLADE

SHARP	BLUNT	PRONGS
37-373	37-374	3

DESMARRRES LID RETRACTORS

5½" (14 CM), FULL BLADES

	BLADES	INSULATED BLADES
10MM	37-14410	37-14510
12MM	37-14412	37-14512
14MM	37-14414	37-14514
16MM	37-14416	37-14516



COTTLE ALAR NASAL HOOK

ITEM NO.	BLADE SIZE	LENGTH
37-80015	12 x 13MM	5½" (14CM)

JAEGER LID PLATE / SUTURING SPECULA

SHARP	INSULATED	LENGTH
37-150	37-152	4¾" (11CM)



KASDEN RETRACTOR

DOUBLE ENDED

ITEM NO.	LENGTH
37-2070	6½" (16.5CM)



SHEEN PARKES NASAL RETRACTOR

LENGTH 6¼" (16 CM)

ITEM NO.	LENGTH
37-54516	10MM



SHEEN RETRACTOR

LENGTH 6" (15 CM)

ITEM NO.	LENGTH
37-54615	6.5MM



TO ORDER CALL: (224) 353-6446



RETRACTORS



MADE IN THE USA

SKIN HOOKS

GUTHRIE HOOK RETRACTORS

LENGTH 5" (12.5 CM)

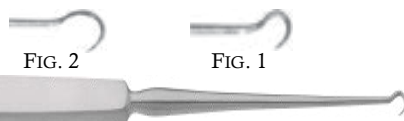
SHARP	FIG.	TIP
37-258		1.0 MM
37-260	1	1.5 MM
37-262	2	2.0 MM



KILNER SKIN HOOK

VERY DELICATE, WITH ROUND HANDLE

ITEM NO.	LENGTH
37-050	6" (15 CM)



COTTLE NASAL HOOKS

SHARP/SHARP	LENGTH
37-1016	6" (15CM)



MILLER RAKE RETRACTOR

9 PRONGS

BLUNT	SHARP	LENGTH
37-2069	37-2068	5 1/4" (13.5CM)



FOMON NASAL RETRACTORS

DOUBLE BALL END PRONGS

	LENGTH
37-1016	6 1/4" (16CM)



BARSKY DOUBLE SKIN HOOKS

	LENGTH	WIDTH
37-2045	6" (15 CM)	5 MM
37-2049	6 1/4" (16 CM)	9 MM



GILLIES SKIN HOOKS, DELICATE

LENGTH 7" (18 CM)

	FIG.
37-051	1
37-052	2



ROLLET RAKE RETRACTOR

4 SHARP PRONGS

	LENGTH
37-2064	5" (13CM)



COTTLE-NEIVERT DOUBLE HOOK RETRACTOR

DOUBLE ENDED, BLUNT HOOKS, WITH NEEDLE GUIDE

ITEM NO.	LENGTH
37-1010	8 1/4" (21CM)



NON CONDUCTIVE INSULATED BLADE

37-1017	SINGLE BALL END BALL
37-1018	DOUBLE BALL END PRONGS



WE DESIGN, MANUFACTURE & SELL THE TOOLS THE SURGEONS USE



RETRACTORS (SKIN, SELF RETAINING)

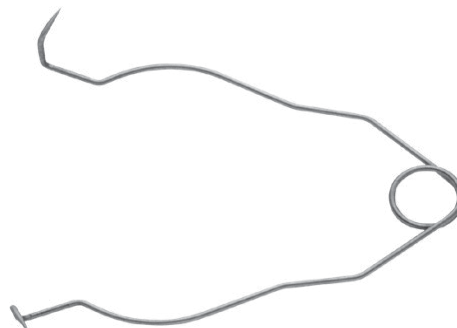


MADE IN THE USA

FARR SPRING RETRACTORS

LENGTH 5½" (14 CM)

	OPENING
37-80163	6.3CM



ALM SKIN RETRACTORS

SELF RETAINING

SHARP	BLUNT	LENGTH
37-872	37-873	4" (10CM)



HOLZHEIMER SKIN RETRACTORS

4 X 4 PRONGS, SELF RETAINING

SHARP	BLUNT	LENGTH
37-890	37-891	4" (10CM)



WEITLANER BABY RETRACTORS

2 X 3 PRONGS, SELF RETAINING

SHARP	BLUNT	LENGTH
37-930	37-931	4¼" (11CM)



WEITLANER RETRACTORS

3 X 4 PRONGS, SELF RETAINING

SHARP	BLUNT	LENGTH
37-940	37-941	5" (12.5CM)
37-942	37-943	6½" (16.5CM)



GELPI SKIN RETRACTORS

SELF RETAINING

	LENGTH
37-18211	4½" (11CM)
37-18216	6¼" (16CM)
37-18218	7" (18CM)



TO ORDER CALL: (224) 353-6446



RAKE RETRACTORS



MADE IN THE USA



FREEMAN FACE-LIFT RETRACTORS LENGTH 7" (18 CM), WITH BENT NECK

ITEM NO.	BLADE	PRONGS
37-1300	38MM	4 SHARP

FREEMAN RAKE RETRACTORS LENGTH 7" (18 CM)

ITEM NO.	BLADES	PRONGS	LENGTH
37-1305	19 MM	4 BLUNT (2 RECESSED)	
37-1306	19 MM	4 SHARP (2 RECESSED)	
37-1301	22 MM	4 SHARP	
37-1302	22 MM	4 SHARP (2 RECESSED)	
37-1303	38 MM	4 SHARP	
37-1304	38 MM	4 SHARP (2 RECESSED)	
37-1314	38 MM	4 SHARP (2 RECESSED)	4" (10 CM)
37-1317	25 MM	4 SHARP (2 RECESSED)	4 1/4" (10.8 CM)
37-1308	25 MM	4 SHARP (IN-LINE PRONGS)	4 1/4" (10.8 CM)
37-1319	25 MM	4 SHARP	4 3/4" (12.0 CM)



19MM



19MM
2 RECESSED
PRONGS



22MM



38MM
2 RECESSED
PRONGS



22MM



FREEMAN MINI RAKE RETRACTORS LENGTH 4" (10CM))

ITEM NO.	BLADES	PRONGS
37-1318	19 MM	4 SHARP
37-1316	38 MM	4 SHARP

FREEMAN RAKE RETRACTORS LENGTH 4" (10CM))

ITEM NO.	BLADES
37-1311	22 MM
37-1312	38 MM



GORNEY RAKE RETRACTORS LENGTH 3" (7.5CM)), WITH SPRING NECK

ITEM NO.	BLADES	PRONGS
37-1320	38MM	3" (7.5CM)
37-1321	38MM	4 1/4" (10.8CM)



WE DESIGN, MANUFACTURE & SELL THE TOOLS THE SURGEONS USE



RAKE RETRACTORS



MADE IN THE USA

MAXWELL FLAP RETRACTORS

LENGTH 4" (10 CM)

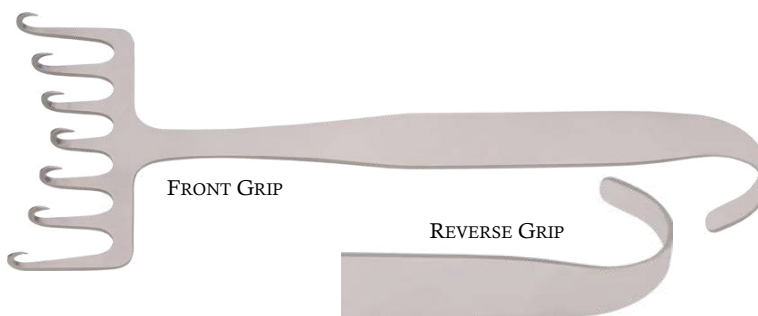
ITEM NO.	BLADE
37-1331	22MM
37-1332	38MM



CORONAL BROW LIFT RETRACTORS

LENGTH 7" (18 CM), 7 PRONGS

ITEM NO.	BLADES WIDTH	GRIP
37-1341	70MM	FRONT
37-1342	70MM	REVERSE



CORONAL LIFT RETRACTOR

LENGTH 8¼" (21 CM), 6 PRONGS

ITEM NO.	BLADES WIDTH
37-1350	7" (18CM)



YANCOSKIE ABDOMINOPLASTY RETRACTOR

LENGTH 7½" (19 CM), 6 PRONGS

ITEM NO.	BLADES WIDTH
37-1354	6" (15CM)



TO ORDER CALL: (224) 353-6446



BREAST MARKERS



MADE IN THE USA

GROSSMAN AREOLA MARKER

	BLADES
37-1800	4 SIZES IN 1 40/44/48/52MM



FREEMAN AREOLA MARKERS

WITH INNER MARKINGS, MADE FROM LIGHT WEIGHT ALUMINUM

	SIZE (2 IN 1)
37-18134	34/36MM
37-18138	38/42MM
37-18145	45/50MM



FREEMAN AREOLA MARKERS

STAINLESS STEEL

	SIZE (1 IN 1)
37-18232	32 MM
37-18234	34 MM
37-18236	36 MM
37-18238	38 MM
37-18242	42 MM
37-18245	45 MM
37-18250	50 MM



FREEMAN AREOLA MARKERS

STAINLESS STEEL, DOUBLE SIDED

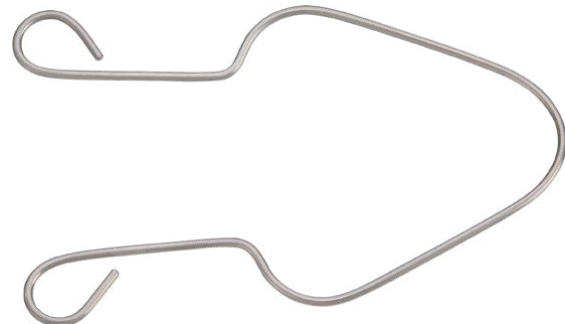
	SIZE (1 IN 1)
37-18034	34/36 MM
37-18038	38/42 MM
37-18042	42/45 MM
37-18045	45/50 MM



ACKERMANN AREOLA MARKERS

LENGTH 4" (10 CM)

	SIZE
37-18314	5½" (14CM) SMALL
37-18316	6¼" (16CM), LARGE



WE DESIGN, MANUFACTURE & SELL THE TOOLS THE SURGEONS USE



MARKERS & RULERS



MADE IN THE USA

FLAP AND FACE LIFT MARKERS

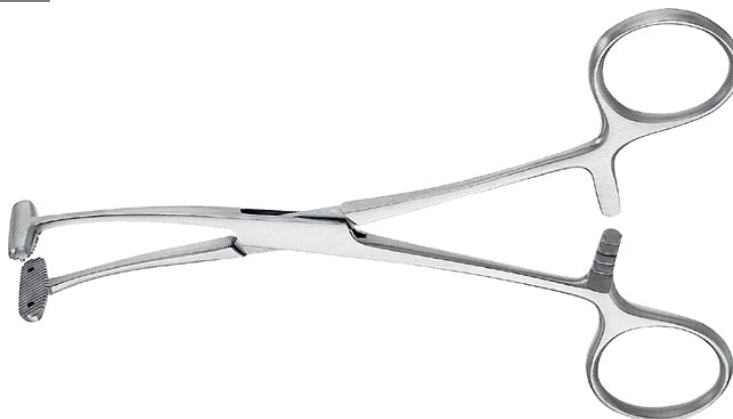
MCKISSOCK KEYHOLE MARKERS/CALIPERS LENGTH 5½" (14 CM)

	SIZE
37-18438	38 MM
37-18442	42 MM
37-18445	45 MM
37-18450	50 MM



PITANGUY FLAP GRASPING FORCEPS

	LENGTH
37-1850	5½" (14CM)



D'ASSUMPCAO FACE-LIFT MARKERS LENGTH 6¼" (16 CM)

	LENGTH
37-1860	WITHOUT RATCHET
37-1862	WITH RATCHET



PITANGUY FACIAL DEMARCATORS

	LENGTH
37-1870	6¼" (16 CM)
37-1871	10" (25.5 CM)



TO ORDER CALL: (224) 353-6446



MARKERS & RULERS



MADE IN THE USA

FLAP AND FACE LIFT MARKERS, CALIPER

MARTEN FLAP MARKERS

LENGTH 5 $\frac{3}{4}$ " (14.5 CM)

	RATCHET
37-1880	WITHOUT RATCHET
37-1882	WITH RATCHET



LOCKWOOD ABDOMINAL DEMARCATOR

LENGTH 12 $\frac{3}{4}$ " (32.5 CM), WITHOUT RATCHET, WITH ANGLED HINGE

ITEM NO.	WIDTH
37-1866	9.5MM



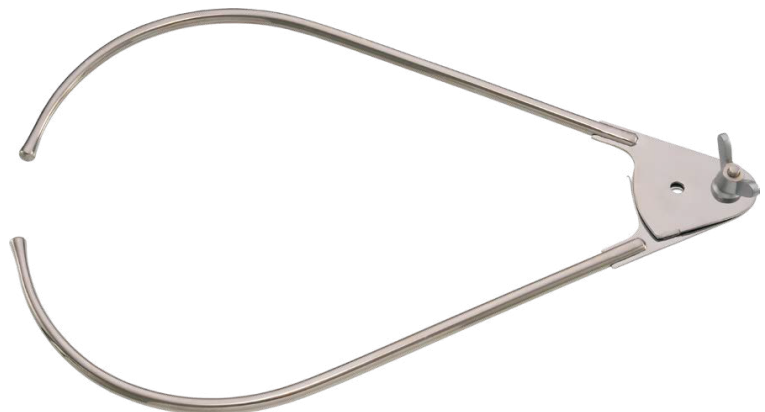
METAL RULERS

WITH INCH AND CM GRADUATIONS

ITEM NO.	MEASURING RANGE
37-18015	6" (15CM)
37-18020	8" (20CM)

McKISSOCK (COLLYER) CALIPER

ITEM NO.	SIZE
37-1910	12" (30CM)



WE DESIGN, MANUFACTURE & SELL THE TOOLS THE SURGEONS USE



CALIPERS



MADE IN THE USA

GRID, BREAST CALIPERS

SHEEN GRID

WITH MM GRADUATION, MADE FROM
LIGHT WEIGHT ALUMINUM

	GRADUATION
37-1925	70 x 40MM



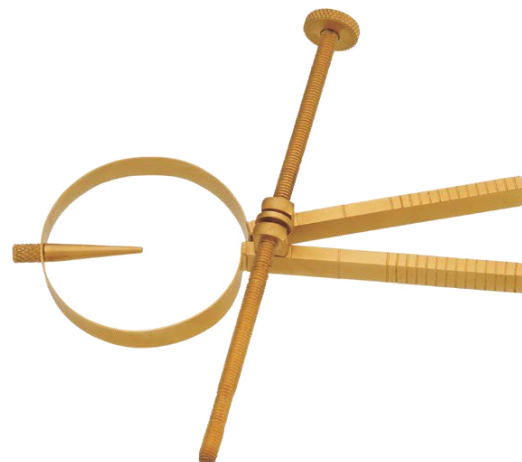
GRUBER CARTILAGE CUTTING BLOCK

	GRADUATION
37-1930	4" x 4" x 1/4"



HALPREN BREAST CALIPERS

	SIZE
37-1934	34MM
37-1938	38MM
37-1942	42MM



TO ORDER CALL: (224) 353-6446



CALIPERS



MADE IN THE USA

JAMESON CALIPERS

SCALE 0—80MM

	SIZE
37-31710	3 $\frac{3}{4}$ " (9.5CM)



THORPE (MARCHAC) CALIPERS

SCALE 0—80MM

	SIZE
37-31912	4 $\frac{3}{4}$ " (12CM)



CASTRIVIEJO CALIPERS

SCALE 0—20MM

	SIZE
37-58320	3 $\frac{1}{2}$ " (9CM)



WE DESIGN, MANUFACTURE & SELL THE TOOLS THE SURGEONS USE



DERMATOLOGY



MADE IN THE USA

FOX DERMAL CURETTES LENGTH 5½" (14CM)

FIG./SPOON	OVAL	ROUND
00 (1 MM)	37-019	37-025
0 (2 MM)	37-020	37-026
1 (3 MM)	37-021	37-027
2 (4 MM)	37-022	37-028
3 (5 MM)	37-023	37-029
4 (6 MM)	37-024	37-030



SCHAMBERG COMEDON EXTRACTORS WORKING LENGTH 4" (10CM)

MEDIUM, WITH CRIMP	37-080
EXTRA FINE, WITH CRIMP	37-081
DELICATE, WITH CRIMP	37-082
HEAVY, WITH CRIMP	37-084
DELICATE, WITHOUT CRIMP	37-083



UNNA COMEDON EXTRACTORS DOUBLE ENDED OVAL, WITH HOLE

	WORKING LENGTH
37-060	5¾" (14.5CM)



UNNA COMEDON EXTRACTORS DOUBLE ENDED OVAL, WITH HOLE

	WORKING LENGTH
37-061	4¾" (12CM)
37-062	5½" (14CM)



CONVERSE CURETTES DOUBLE ENDED, 6.5 x 8.5MM/7 x 10MM WITH HOLE

	WORKING LENGTH
37-76321	8½" (21CM)



WILLIGER BONE SPOON

LENGTH 5¼" (13.5CM), OVAL, SHARP, DOUBLE ENDED

FIGURE	
00/0	37-520
0/1	37-522
1/2	37-524

MARTINI BONE SPOON

LENGTH 5¼" (13.5CM), ROUND, SHARP, DOUBLE ENDED

FIGURE	
00/0	37-530
0/1	37-532
1/2	37-534



CURETTES AND EXTRACTORS



TO ORDER CALL: (224) 353-6446



CURETTES, CHISELS, OSTETOMES



MADE IN THE USA

ROWE ZYGOMATIC BONE ELEVATOR

LENGTH	ITEM NO.
10" (25.5CM)	37-55025



GORNEY SUCTION ELEVATORS

4MM SHARP TIP, W/ STYLET

LENGTH	ITEM NO.
7½" (19CM)	37-40019



FREER ELEVATORS—DOUBLE ENDED

WIDTH	LENGTH	ITEM NO.
	7"(18CM) SHARP/BLUNT	37-594
5MM	7½" (19.5CM) BLUNT/BLUNT	37-595
6.5MM	7½" (19.5CM) SHARP/BLUNT	37-596



COTTLE SEPTUM ELEVATOR

DOUBLE ENDED, GRADUATED

LENGTH	ITEM NO.
9" (23CM)	37-53022



WOODSON ELEVATOR

LENGTH 7" (18CM), DOUBLE ENDED

LENGTH	ITEM NO.
4X10MM, FLAT EDGE END	37-50318
2X11MM, SEMI SHARP TIP	



MCCOLLOUGH ELEVATOR

DOUBLE ENDED

LENGTH	ITEM NO.
7¼" (18.5CM)	37-50418



MITCHELLS TRIMMER/ELEVATOR

KNIFE BLADE & SPOON SHAPED ELEVATOR

LENGTH	ITEM NO.
6¾"(17CM)	37-43317



WILLIGER ELEVATOR

LENGTH 6¼"(16CM)

TIP	ITEM NO.
4MM	37-54616

ELEVATORS



WE DESIGN, MANUFACTURE & SELL THE TOOLS THE SURGEONS USE



CURETTES, CHISELS, OSTETOMES



MADE IN THE USA

McKENTY ELEVATORS

LENGTH 6" (15CM), SHARP

TIP	CURVED
4MM	37-42004
5MM	37-42005



JOSEPH PERIOSTEAL ELEVATOR

LENGTH 6¼" (16CM)

TIP	CURVED
4MM	37-53416

COTTLE PERIOSTEAL ELEVATOR

LENGTH	ITEM NO.
7½" (19CM)	37-54019



OBWEGESSER PERIOSTEAL ELEVATOR

LENGTH 7" (17.5CM)

TIP	ITEM NO.
6MM	37-56406
7MM	37-56407
9MM	37-56409
11MM	37-56411



BOTES ELEVATOR

LENGTH	ITEM NO.
7¾" (19.5CM)	37-57719



BALLENGER SWIVEL KNIVES

LENGTH 7¾" (20CM)

STRAIGHT	BAYONET	BLADE WIDTH
37-40003	37-40103	3MM
37-40004	37-40104	4MM
37-40005	37-40105	5MM
37-40006	37-40106	6MM



BAYONET

SILVER RHINOPLASTIC CHISELS

LENGTH 7" (18CM)

STRAIGHT	37-6141
RIGHT	37-6142
LEFT	37-6143



ELEVATORS AND KNIVES



TO ORDER CALL: (224) 353-6446



CURETTES, CHISELS, OSTETOMES



MADE IN THE USA

GUNTER RHINOPLASTIC CHISELS LENGTH 8¼" (21CM)

	ITEM NO.
STRAIGHT	37-4631
RIGHT	37-4632
LEFT	37-4633



NEIVERT RHINOPLASTIC CHISELS

	ITEM NO.
STRAIGHT	37-4691
RIGHT	37-4692
LEFT	37-4693

RISTOW RHINOPLASTIC CHISELS LENGTH 8" (20.5CM)

	ITEM NO.
RIGHT	37-4771
LEFT	37-4772



PARKES LATERAL OSTEOTOME LENGTH 7" (18CM), 4MM TIP W/ GUARD

	ITEM NO.
STRAIGHT	37-47518

REES OSTEOTOME LENGTH 8" (20.5CM)

	ITEM NO.
3MM	37-4483



FREER CHISELS LENGTH 6¼" (16CM)

	ITEM NO.
STRAIGHT	37-58016
CURVED	37-58216

PARKES GOUGE LENGTH 7" (18CM)

	ITEM NO.
6.5MM	37-47918



CONVERSE OSTEOTOMES—LENGTH 7" (18CM)

TIP	ITEM NO.	TIP NO.	ITEM NO.
2MM	37-47102	7MM	37-47107
3MM	37-47103	8MM	37-47108
4MM	37-47104	9MM	37-47109
5MM	37-47105	10MM	37-47110
6MM	37-47106	11MM	37-47111



CHISELS & OSTETOMES



WE DESIGN, MANUFACTURE & SELL THE TOOLS THE SURGEONS USE



CURETTES, CHISELS, OSTETOMES



MADE IN THE USA

SHEEN RADIX CHISELS

LENGTH 7" (18CM), 10MM WIDE TIP

ANGLE	ITEM NO.
10°	37-44710
20°	37-44720



SHEEHAN OSTEOTOMES

LENGTH 6¼" (16 CM)

TIP	ITEM NO.	TIP	ITEM NO.
2 MM	37-64002	8 MM	37-64008
3 MM	37-64003	9 MM	37-64009
4 MM	37-64004	10 MM	37-64010
5 MM	37-64005	11 MM	37-64011
6 MM	37-64006	12 MM	37-64012
7 MM	37-64007	15 MM	37-64015



RUBIN TYPE OSTEOTOMES

LENGTH 7" (18 CM)

6 MM	37-64406
8 MM	37-64408
10 MM	37-64410
11 MM	37-64411
12 MM	37-64412
14 MM	37-64414
16 MM	37-64416



CINELLI CHISELS

LENGTH 6¼" (16 CM), DOUBLE GUARDED

TIP	ITEM NO.
10 MM	37-63410
12 MM	37-63412
14 MM	37-63414
16 MM	37-63416



COTTLE OSTEOTOMES

LENGTH 7" (18 CM), GRADUATED

TIP	ITEM NO.	TIP	ITEM NO.
2 MM	37-62202	8 MM	37-62208
4 MM	37-62204	9 MM	37-62209
6 MM	37-62206	10 MM	37-62210
7 MM	37-62207	12 MM	37-62212



LAMBOTTE OSTEOTOMES

LENGTH 6¾" (17 CM)

TIP	STRAIGHT	CURVED
2MM	37-09202	37-09302
3MM	37-09203	37-09303
4MM	37-09204	37-09304
6MM	37-09206	37-09306



CHISELS & OSTETOMES



TO ORDER CALL: (224) 353-6446



MALLETS



MADE IN THE USA

GERZOG Mallet

HEAD 225 G (8 OZ.), Ø 1" (25 MM)

LENGTH	ITEM NO.
7" (18CM)	37-18018



MEAD Mallet

HEAD DIA.. 26 MM, 320 G (11 1/4 OZ.), WITH PLASTIC FACINGS

LENGTH	ITEM NO.
6¾" (17CM)	37-320
SPARE NYLON HEAD	37-32099



Mallet

HEAD DIA. Ø 1" (25 MM), 250 G (8 7/8 OZ.), WITH PLASTIC FIBER HANDLE

LENGTH	ITEM NO.
7" (18CM)	37-16218

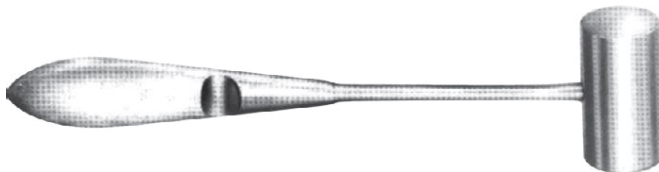


Mallet (Nylon/Steel)

HEAD DIA. Ø 1" (25 MM), 265 G (9 3/8 OZ.), WITH ONE FACE STEEL AND ONE FACE NYLON

LENGTH	ITEM NO.
7¼" (18.5CM)	37-16318

NOT
PICTURED



BONE Mallet

HEAD DIA. Ø 3/4" (19 MM), 140 G (5 OZ.)

LENGTH	ITEM NO.
6½" (16.5CM)	37-14016



WE DESIGN, MANUFACTURE & SELL THE TOOLS THE SURGEONS USE



MALLETS



MADE IN THE USA

MALLET (NYLON)

HEAD DIA. Ø 1" (25 MM), 255 G (9 OZ.), WITH NYLON HEADS

LENGTH	ITEM NO.
7¼" (18.5)	37-16418
SPARE NYLON HEAD	37-16499

HEAD DIA. Ø 3/4" (19 MM), 218 G (7 5/8 OZ.), DELICATE, WITH NYLON HEADS	
7" (18CM)	37-16518
SPARE NYLON HEAD	37-16599



COTTLE (LUCAE) MALLET

HEAD DIA. Ø 30 MM, 240 G, WITH 1 SIDE FLAT AND 1 SIDE CONVEX

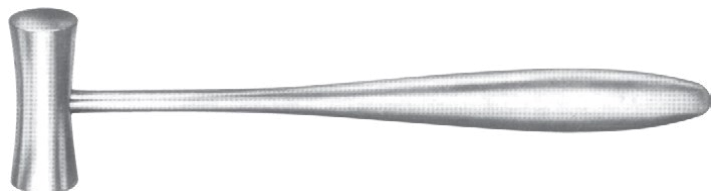


LENGTH	ITEM NO.	HEAD DIA.	HEAD WEIGHT
7" (18 CM)	528-14425	Ø 1" (25 MM)	265 G (9 3/8 OZ.)
8" (20 CM)	528-14430	Ø 1-3/16" (30 MM)	200 G (7 3/4 OZ.)

LUCAE BONE MALLET

LENGTH 7½" (19 CM), HEAD DIA. Ø 3/4" (19 MM)

WEIGHT	ITEM NO.
230G (8OZ.)	37-15019
260G (9OZ.)	37-15025



TO ORDER CALL: (224) 353-6446



BONE INSTRUMENTS



MADE IN THE USA

BEYER BONE RONGEURS 3MM JAW

LENGTH	CURVED
7" (16CM)	37-1201
7" (18CM)	37-1201



LEMPERT BONE RONGEURS

LENGTH	STRAIGHT	CURVED
8" (20CM)	37-1110	37-1111

FRIEDMAN BONE RONGEURS

LENGTH	CURVED
5½" (14CM)	37-1101



MINI-FRIEDMAN BONE RONGEURS

LENGTH	CURVED
4¾" (12CM)	37-1091

BONE RONGEURS



WE DESIGN, MANUFACTURE & SELL THE TOOLS THE SURGEONS USE



BONE INSTRUMENTS



MADE IN THE USA

CLEVELAND BONE RONGEURS

LENGTH	CURVED
5½" (14CM)	37-1171



LISTON BONE CUTTING FORCEPS

LENGTH	STRAIGHT	CURVED
5½" (14CM)	37-1280	37-1281
6¾" (17CM)	37-1282	37-1283

RUSKIN-LISTON BONE CUTTING FORCEPS DOUBLE ACTION

LENGTH	STRAIGHT	CURVED
6" (15CM)	37-1306	37-1307
7¼" (18.5CM)	37-1310	37-1311



KLEINERT-KUTZ BONE CUTTING FORCEPS

LENGTH	STRAIGHT	CURVED
5½" (14CM)	37-128214	37-128314

BONE RONGEURS & BONE CUTTING FORCEPS



TO ORDER CALL: (224) 353-6446



WIRE INSTRUMENTS



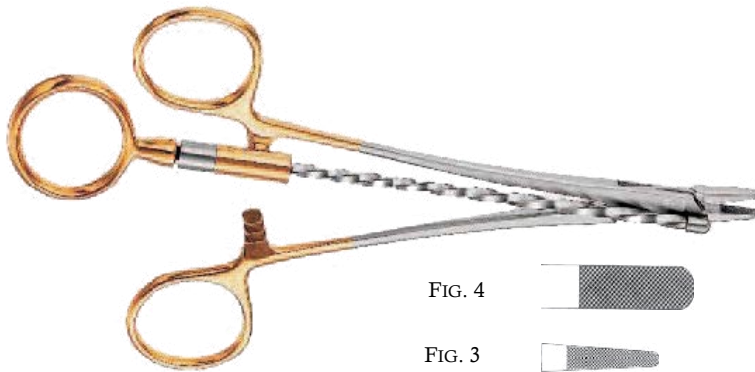
MADE IN THE USA

CARROLL TENDON SEIZING FORCEPS

	WORKING LENGTH
37-95911	4¼" (11CM)



SEIZING FORCEPS & WIRE TWISTER



CORWIN AUTOMATIC WIRE TWISTERS

LENGTH	FIG.	TC
6" (15 CM)	1	37-5281
6" (15 CM)	2	37-5282
6¼" (16 CM)	3	37-5283
7" (18 CM)	4	37-5284

FIG. 4



FIG. 3



FIG. 2



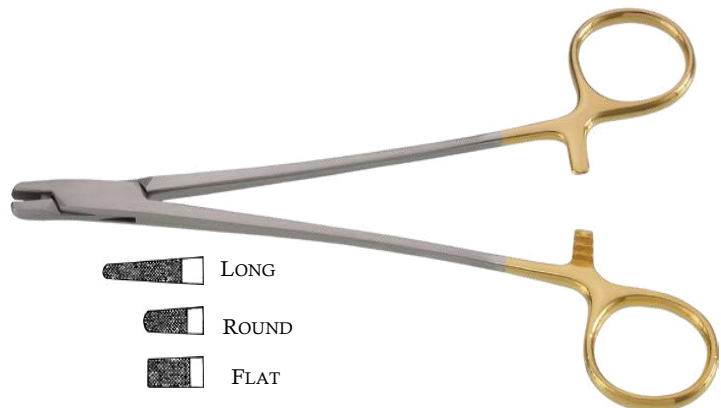
FIG. 1



WIRE TWISTERS

LENGTH 6¼" (16 CM)

FIG.	TC
LONG JAW	37-53016
FLAT JAW	37-53216
ROUND JAW	37-53416



LONG



ROUND



FLAT



WE DESIGN, MANUFACTURE & SELL THE TOOLS THE SURGEONS USE



WIRE INSTRUMENTS



MADE IN THE USA

WIRE & PIN SIDE CUTTER

FOR HARD WIRE UP TO 1.7 MM DIA.

LENGTH	TC
7" (18CM)	37-54518



WIRE & PIN SIDE CUTTER

FOR HARD WIRE UP TO 2.5 MM DIA.

LENGTH	TC
8 3/4" (22CM)	37-54522



WIRE & PIN FACE AND SIDE CUTTER

FOR HARD WIRE UP TO 1.7 MM DIA.

LENGTH	TC
7" (18CM)	37-54618



WIRE CUTTERS



TO ORDER CALL: (224) 353-6446



WIRE INSTRUMENTS

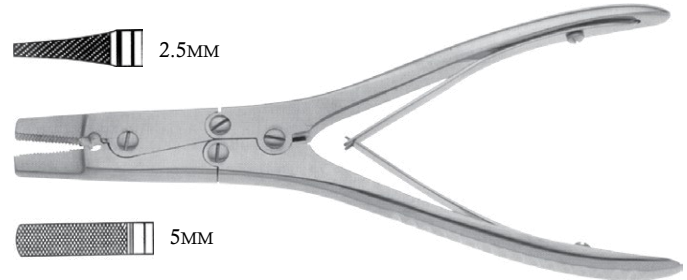


MADE IN THE USA

WIRE SEIZING FORCEPS

LENGTH 7" (18 CM), PARALLEL GRIP, DOUBLE ACTION

STANDARD	TC	TIP
37-2541	37-2551	2.5MM
37-2542	37-2552	5MM



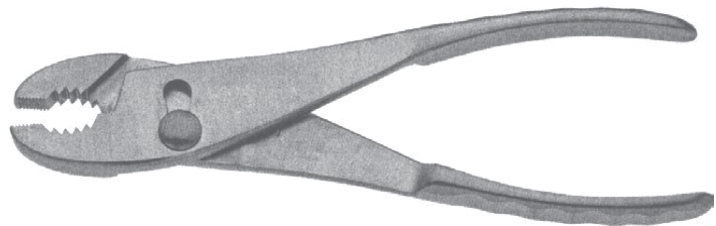
WIRE FLAT PLIERS

FACE CUTTING, FOR 2.0 MM WIRE

LENGTH	ITEM NO.
6¾" (17CM)	37-2501
6¾" (17CM)	37-2502

UNIVERSAL FLAT NOSE PLIERS

LENGTH	ITEM NO.
8" (20CM)	37-53820



WIRE PLIERS

NEEDLE NOSE PLIERS

CROSS SERRATED

LENGTH	ITEM NO.
5½" (14CM)	37-56814



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