

# ELMED

SERVING THE MEDICAL PROFESSION SINCE 1955



## SELF RETAINING RETRACTOR SYSTEMS



**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



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THEREFORE, WE  
MANUFACTURE  
REUSABLE  
PRODUCTS FOR A  
CLEANER WORLD

PH (224) 353-6446  
FAX (224) 653-8178  
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MEDICAL@ELMED.COM  
WWW.ELMED.COM

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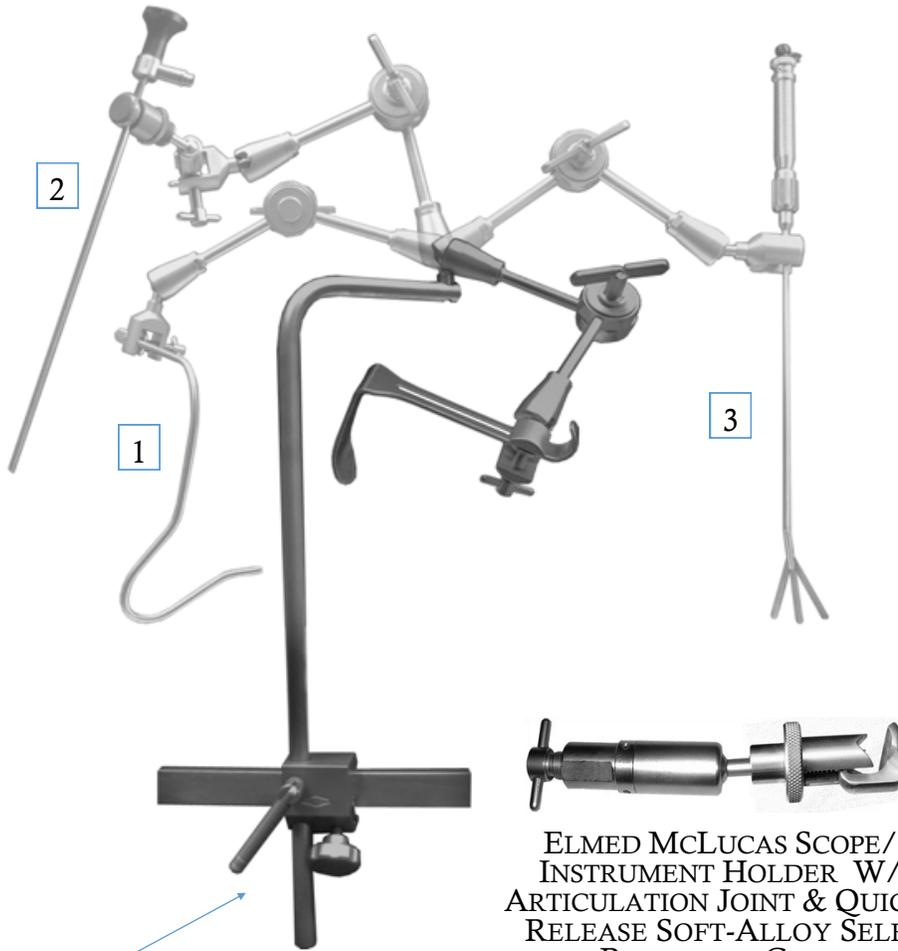
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# ELMED RETRACT ROBOT IN LAPAROSCOPIC SURGERY



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## VARIOUS INSTRUMENTS SHOWN WITH THE SINGLE-ARM RETRACT-ROBOT:

1) WITH THE NATHANSON LIVER RETRACTOR

2) WITH THE ARTICULATING SCOPE HOLDER: QUICK, STABLE & PRECISE ADJUSTMENT CAN BE MADE WITH THE TURN OF A KNOB.

3) WITH THE FAN RETRACTOR; ANY TYPE OF

ELMED MCLUCAS SCOPE/ INSTRUMENT HOLDER W/ ARTICULATION JOINT & QUICK-RELEASE SOFT-ALLOY SELF-RETAINING CLAMP



ELMED EXTENSION CLAMP FOR BARIATRIC SURGERY (FITS INTO STERILE-CLAMP)

**THE ELMED STERIL-CLAMP:**  
PROVIDE SAFE AND STABLE MOUNTING IN STERILE CONDITION ON TOP OF THE DRAPE ON ANY OPERATING TABLE RAIL

ITEM No.	DESCRIPTION
15088-00	ELMED RETRACT-ROBOT SINGLE ARM INSTRUMENT
15088-01	ELMED RETRACT-ROBOT SINGLE ARM INSTRUMENT W/ EXTRA-LONG MOUNTING ROD (26") (BARIATRIC)
15090-53	ELMED STERIL-CLAMP HEAVY DUTY, 5/8" ROUND HOLE OR 1/2" X 1" SLOT (FOR EXTRA LONG ROBOT ARM)
15090-56	ELMED STERIL-CLAMP STANDARD, AUTOCLAVABLE W/ ROUND 5/8" ACCESSORY OPENING
15090-57	ELMED EXTENSION CLAMP FOR BARIATRIC SURGERY: AUTOCLAVABLE, 5/8" ACCESSORY OPENING
52410-01	ELMED SCOPE/INSTRUMENT HOLDER W/ ARTICULATION JOINT SELF-RETAINING CLAMP (SLEEVE STYLE)
52400-00	ELMED ENDOSCOPIC FIXATION DEVICE CONSISTING OF: ITEM No's: 15088-00, 15090-56, & 52410-01
52400-01	ELMED BARIATRIC ENDOSCOPIC FIXATION DEVICE CONSISTING OF ITEM No's: 15088-01, 15090-53, & 52410-01



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# ELMED RETRACT ROBOT IN LAPAROSCOPIC SURGERY



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ITEM NO.	DESCRIPTION
<b>15088-08</b>	ELMED RETRACT-ROBOT TABLE RETRACTOR ARM, 22" LONG WITH "SLIP-IN" INSTRUMENT CLAMP, ROTATING LOCK AND SLIP-IN INTERCHANGEABLE UNIVERSAL INSTRUMENT CLAMP. AUTOCLAVABLE
<b>15090-53</b>	ELMED STERIL-CLAMP HEAVY DUTY, 5/8" ROUND HOLE OR 1/2" X 1" SLOT (FOR EXTRA LONG ROBOT ARM)
<b>15090-56</b>	ELMED STERIL-CLAMP STANDARD, AUTOCLAVABLE W/ ROUND 5/8" ACCESSORY OPENING
<b>15090-57</b>	ELMED EXTENSION CLAMP FOR BARIATRIC SURGERY: AUTOCLAVABLE, 5/8" ACCESSORY OPENING
<b>15088-08-01</b>	SCOPE HOLDER CLAMP WITH 8MM POST
<b>15088-08-02</b>	INSTRUMENT HOLDER CLAMP WITH 8MM POST



TO ORDER CALL: (224) 353-6446



# NATHANSON LIVER RETRACTORS



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ITEM NO.	DESCRIPTION
<b>52420-00-H</b>	ELMED NATHANSON STYLE LIVER RETRACTORS 6.5MM DIA. SET OF 3 - SIZES: SMALL MEDIUM LARGE (8MM)
<b>52420-01-H</b>	ELMED NATHANSON STYLE LIVER RETRACTORS 6.5MM DIA.- SMALL (8MM)
<b>52420-02-H</b>	ELMED NATHANSON STYLE LIVER RETRACTORS 6.5MM DIA.- MEDIUM (8MM)
<b>52420-03-H</b>	ELMED NATHANSON STYLE LIVER RETRACTORS 6.5MM DIA.- LARGE (8MM)
<b>52430-00-H</b>	ELMED NATHANSON STYLE LIVER RETRACTORS 5MM DIA. SET OF 3 - SIZES: SMALL MEDIUM LARGE (8MM)
<b>52430-01-H</b>	ELMED NATHANSON STYLE LIVER RETRACTORS 5MM DIA.- SMALL (8MM)
<b>52430-02-H</b>	ELMED NATHANSON STYLE LIVER RETRACTORS 5MM DIA.- MEDIUM (8MM)
<b>52430-03-H</b>	ELMED NATHANSON STYLE LIVER RETRACTORS 5MM DIA.- LARGE (8MM)
<b>52430-04-H</b>	ELMED NATHANSON STYLE LIVER RETRACTORS 5MM DIA.- X-SMALL (8MM)
<b>52430-05-H</b>	ELMED NATHANSON STYLE LIVER RETRACTORS 5MM DIA.- X-LARGE (8MM)
<b>52460-00-H</b>	ELMED NATHANSON STYLE LIVER RETRACTORS 3.0MM DIA. SET OF 3 - SIZES: SMALL MEDIUM LARGE (8MM)
<b>52460-03-H</b>	ELMED NATHANSON STYLE LIVER RETRACTORS 3.0MM DIA.- SMALL (8MM)
<b>52460-04-H</b>	ELMED NATHANSON STYLE LIVER RETRACTORS 3.0MM DIA.- MEDIUM (8MM)
<b>52460-05-H</b>	ELMED NATHANSON STYLE LIVER RETRACTORS 3.0MM DIA.- LARGE (8MM)
<b>52460-06-H</b>	ELMED NATHANSON STYLE LIVER RETRACTORS 3.0MM DIA.- X-SMALL (8MM)





# NATHANSON LIVER RETRACTORS FOR ROBOTIC USE



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ITEM NO.	DESCRIPTION
<b>52409-00</b>	SET OF 6.5MM NATHANSON RETRACTORS, ROBOTIC SHAFT 9CM: SMALL, MEDIUM, LARGE
<b>52409-01</b>	SMALL 6.5MM NATHANSON RETRACTOR, ROBOTIC SHAFT 9CM
<b>52409-02</b>	MEDIUM 6.5MM NATHANSON RETRACTOR, ROBOTIC SHAFT 9CM
<b>52409-03</b>	LARGE, 6.5MM, ROBOTIC SHAFT 9CM
<b>52409-04</b>	SET OF 5.0MM NATHANSON RETRACTORS, ROBOTIC SHAFT 9CM: SMALL, MEDIUM, LARGE
<b>52409-05</b>	SMALL 5.0MM NATHANSON RETRACTOR, ROBOTIC SHAFT 9CM
<b>52409-06</b>	MEDIUM 5.0MM NATHANSON RETRACTOR, ROBOTIC SHAFT 9CM
<b>52409-07</b>	LARGE 5.0MM NATHANSON RETRACTOR, ROBOTIC SHAFT 9CM
<b>52412-00</b>	SET OF 6.5MM NATHANSON RETRACTORS, ROBOTIC SHAFT 12CM: SMALL, MEDIUM, LARGE
<b>52412-01</b>	SMALL 6.5MM NATHANSON RETRACTOR, ROBOTIC SHAFT 12CM
<b>52412-02</b>	MEDIUM 6.5MM NATHANSON RETRACTOR, ROBOTIC SHAFT 12CM
<b>52412-03</b>	LARGE 6.5MM NATHANSON RETRACTOR, ROBOTIC SHAFT 12CM
<b>52450-00</b>	SET OF 5.0MM NATHANSON HOOKS: SMALL, MEDIUM, LARGE
<b>52450-01</b>	SMALL 5.0MM NATHANSON RETRACTOR
<b>52450-02</b>	MEDIUM 5.0MM NATHANSON RETRACTOR
<b>52450-03</b>	LARGE 5.0MM NATHANSON RETRACTOR
<b>52450-04</b>	EXTRA SMALL 5.0MM NATHANSON RETRACTOR



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# NATHANSON LIVER RETRACTORS FOR ROBOTIC USE



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<b>52440-00</b>	SET OF 6.5MM NATHANSON HOOKS: SMALL, MEDIUM, LARGE
<b>52440-01</b>	SMALL 6.5MM NATHANSON RETRACTOR
<b>52440-02</b>	MEDIUM 6.5MM NATHANSON RETRACTOR
<b>52440-03</b>	LARGE, 6.5MM NATHANSON RETRACTOR, LONG TIP, ROBOTIC SHAFT 9CM
<b>15088-08-03</b>	INSTRUMENT HOLDER CLAMP WITH HEX FITTING
<b>15088-08-04</b>	UNIVERSAL INSTRUMENT HOLDER CLAMP WITH HEX FITTING



# ELMED GOOSE NECK RETRACTOR IN LAPAROSCOPIC SURGERY



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## FEATURES OF THE GOOSE-NECK SYSTEM:

- ALL COMPONENTS ARE MADE OF A HIGH GRADE STAINLESS STEEL.
- THE COMPLETE SYSTEM, INCLUDING THE STERIL-CLAMP™, MAY BE FLASH AUTOCLAVED
- THE SELF-RETAINING JOINTS ROTATE & TWIST IN EVERY DESIRABLE POSITION
- THE INSTRUMENT SHAFT FITS INTO TABLE ACCESSORY CLAMPS SUCH AS THOSE USED FOR STIRRUPS & LEG HOLDERS, AS WELL AS ALL OF THE OTHER OVER-THE-DRAPE CLAMPS WITH AN OPENING OF 5/8"
- THE VERTICAL SHAFT (5/8") MAY BE LOWERED OF THE HEIGHTENED WITHIN THE CLAMP FOR FLEXIBLE ADJUSTMENT
- TWO DIFFERENT MODELS WITH DIFFERENT INSTRUMENT HOLDERS AVAILABLE

ITEM No.	DESCRIPTION
15090-60	ELMED GOOSE-NECK RETRACTOR SYSTEM WITH SELF-RETAINING SCOPE CLAMP WITH ARTICULATING JOINT FOR HOLDING TELESCOPE INCLUDES 15090-56: STERIL-CLAMP™ FOR ATTACHING TO TABLE
15090-61	ELMED GOOSE-NECK RETRACTOR SYSTEM WITH UNIVERSAL MOUNTING CLAMP FOR HOLDING ALL TYPES OF INSTRUMENTS INCLUDES 15090-56: STERIL-CLAMP™ FOR ATTACHING TO TABLE



## RETRACT ROBOT & GOOSE NECK RETRACTOR STERILIZATION CONTAINERS



ITEM No.	DESCRIPTION
55040-03	ELMED ALUMINUM STORAGE/STERILIZATION CONTAINER W/ PERFORATED LID & BOTTOM, W/ BRACKETS FOR MOUNTING RETRACT-ROBOT #15088-00 & #15090-53 OR 15090-56. (FOR WRAPPING) DIMENSIONS: 26"L x 10"W x 7"H (63.5CM x 25CM x 13CM).
55040-02	ELMED ALUMINUM STORAGE/STERILIZATION CONTAINER W/ PERFORATED LID & BOTTOM, W/ BRACKETS FOR MOUNTING RETRACT-ROBOT #15088-01 OR 15088-03 & STERIL-CLAMP #15090-53 OR 15090-56. (FOR WRAPPING.) DIMENSIONS: 30"L x 10"W x 6"H (76CM x 25CM x 15CM).

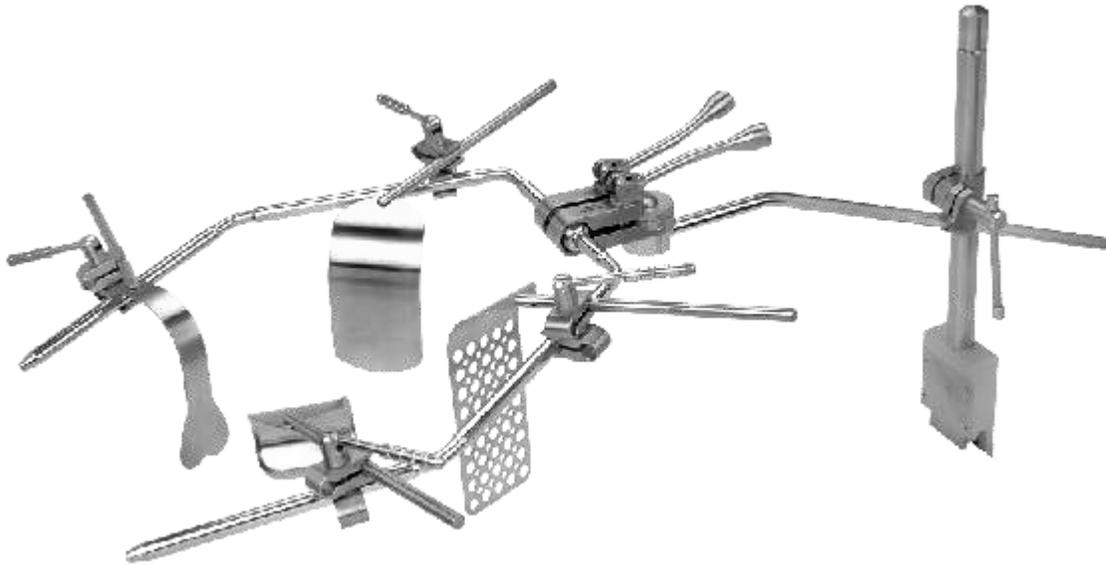




# FLEX FRAME RETRACTOR SET



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**18-88502** | COMPLETE “OMNI-STYLE” STANDARD RETRACTOR SET

CONSISTING OF:

ITEM NO.	DESCRIPTION	DIMENSIONS		QTY
<b>18-10244</b>	TABLE CLAMP W/VERTICAL POST			1
<b>18-4040</b>	RETRACTOR CLAMP			6
<b>18-4020</b>	VISION FRAME			1
<b>18-3335</b>	MAYO SWIVEL	2 ¾ X 2 IN	70 X 51 MM	2
<b>18-3784</b>	DEAVER SWIVEL	2 ¾ X 4 ½ IN	70 X 114 MM	1
<b>18-3796</b>	HARRINGTON “SWEETHEART”	2 X 5 IN	51 X 127 MM	1
<b>18-3862</b>	KELLY SWIVEL “MODIFIED”	3 X 2 ½ IN	76 X 64 MM	1
<b>18-3864</b>	KELLY SWIVEL “MODIFIED”	3 X 4 IN	76 X 102 MM	1
<b>18-3788</b>	MALLEABLE SWIVEL, PERFORATED	2 X 6 IN	51 X 152 MM	1
<b>18-3790</b>	MALLEABLE SWIVEL, PERFORATED	3 X 6 ½ IN	76 X 165 MM	1
<b>18-3772</b>	FENCE SWIVEL, PERFORATED	4 X 6 IN	102 X 152 MM	1
<b>18-3774</b>	SPLANCHNIC SWIVEL	2 X 6 IN	51 X 152 MM	1
<b>18-3424</b>	STERILIZATION CASE			1



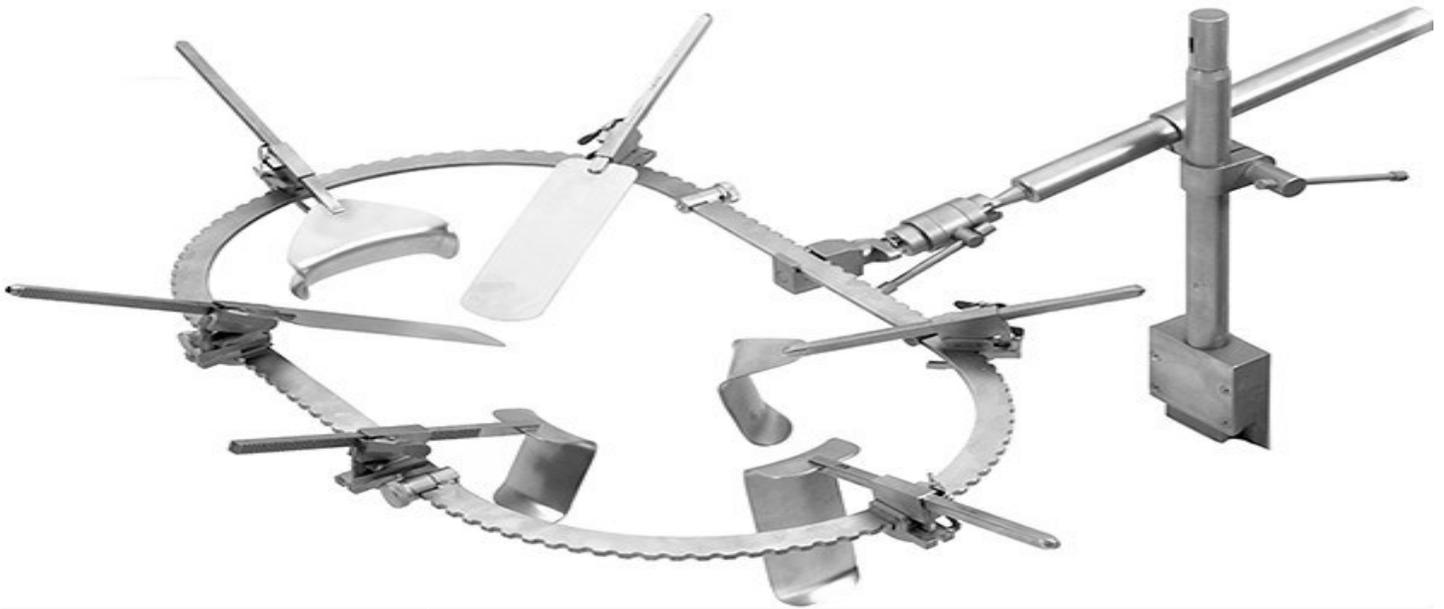
TO ORDER CALL: (224) 353-6446



# MULTI-RING TABLE MOUNT RETRACTOR

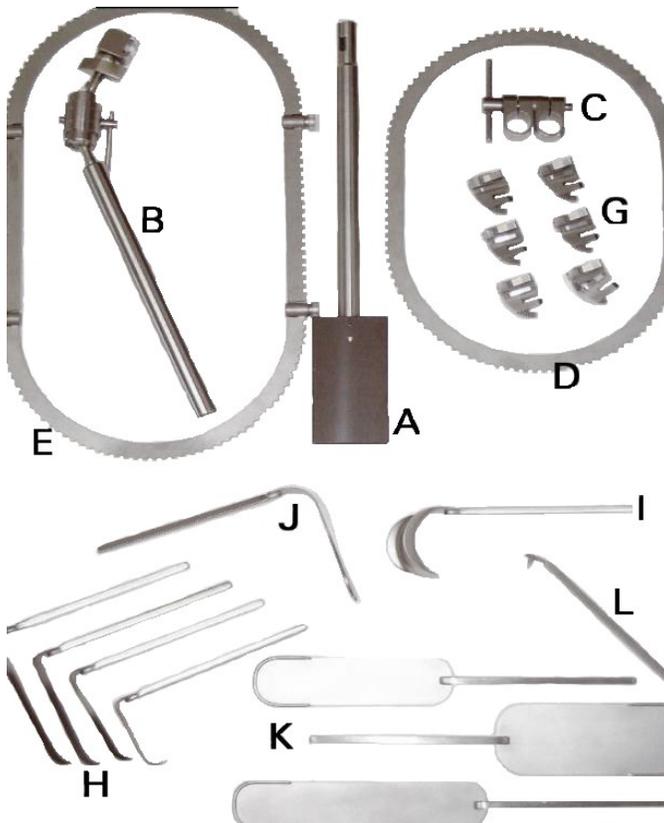


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## 15800-00 GENERAL SURGERY FRAME RETRACTOR SYSTEM

CONSISTING OF:



QTY	ITEM NO.	DESCRIPTION	
1	15800-10	TABLE POST 1"(2CM) x 19"(49CM)	A
1	15800-12	HORIZONTAL FLEX BAR 3/4"(2CM)	B
1	15800-15	S.S. POST COUPLING 1" x 1"(2.5CM X	C
1	15800-20	OVAL MEDIUM RING 9"x9"x19.5 I.D.	D
1	15800-30	SEGMENTED MEDIUM RING	E
2	15800-40	RATCHET MECHANISM	F
6	15800-41	TILT RATCHET MECHANISM	G
2	15800-50	KELLY RETRACTOR 2"x3"	H
1	15800-51	KELLY RETRACTOR 2"x4"	
1	15800-52	KELLY RETRACTOR 2"x5"	
1	15800-53	KELLY RETRACTOR 2"x6"	I
1	15800-60	BALFOUR RETRACTOR 3 3/4" x 2 3/4"	
1	15800-65	HARRINGTON RETRACTOR	J
1	15800-70	MALLEABLE RETRACTOR	K
2	15800-71	MALLEABLE RETRACTOR	





# MULTI-FLEX TABLE MOUNT RETRACTOR



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ITEM NO.	DESCRIPTION
<b>15900-01</b>	MULTI-FRAME TABLE MOUNT RETRACTOR SYSTEM
CONSISTING OF:	
<b>15099-91</b>	MULTI-FLEX ARM WITH QUICK RELEASE, ROUND ENDO SCOPE AND INSTRUMENT CLAMP, 1 x 6' (2.5CM X 15CM) MOUNTING BAR
<b>1800-11</b>	TABLE POST, 1" (2.5CM) X 19"(49CM)
<b>15800-15</b>	S.S. POST COUPLING CLAMP, 1" X 1" (25.CM X 2.5CM)



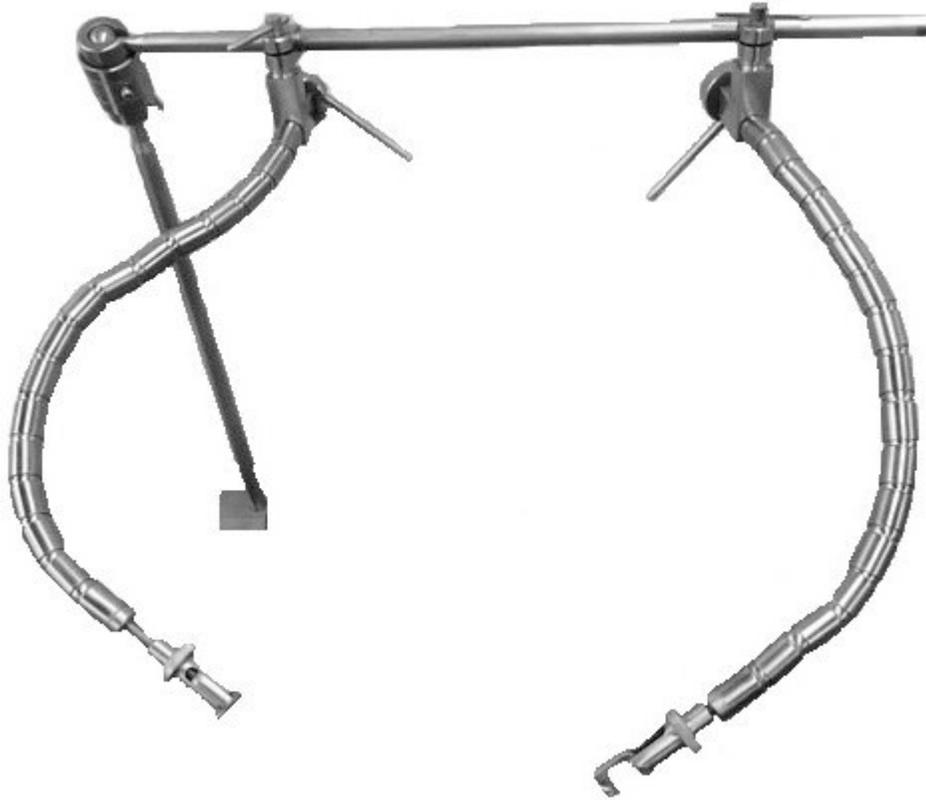
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## FRAME RETRACTOR SYSTEM



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ITEM NO.	DESCRIPTION
<b>15089-10</b>	ELMED FRAME RETRACTOR SYSTEM: BASIC SET CONSISTING OF #15089-16 ONE EA. 90° MOUNTING BAR, # 15089-15 TWO EA. UNIVERSAL INSTRUMENT CLAMP AND # 15090-56 ONE EA. ELMED STERILE CLAMP
<b>15089-11</b>	ELMED FRAME RETRACTOR SYSTEM: MAJOR SET CONSISTING OF; # 15089-16 ONE EA. 90° MOUNTING BAR, #15089-17 ONE EA. 90° HORIZONTAL BAR # 15089-15 FOUR EA. UNIVERSAL INSTRUMENT CLAMP AND # 15090-56 ONE EA. ELMED STERILE CLAMP





# SERVICE AND REPAIR



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IN NEED OF INSTRUMENT REPAIRS? SEND THEM TO THE *ER!*

## ELMED REPAIR

60 YEARS OF EXPERIENCE AND KNOWLEDGE IN DESIGNING, ENGINEERING, MANUFACTURING AND REPAIRING FOR THE MEDICAL COMMUNITY HAS GIVEN ELMED, INC. ONE OF THE BEST REPUTATIONS IN THE INDUSTRY. WE REPAIR WHAT OTHERS ARE UNABLE OR UNWILLING TO DO AND WE REPAIR ALL COMPETITIVE BRANDS. OUR WORK IS PERFORMED BY SKILLED TECHNICIANS, ALL OF WHICH HAVE BEEN WITH ELMED FOR THE PAST 10-30 YEARS.

*COMPLETE IN-HOUSE MACHINE SHOP, POWDER COATING, LASER WELDING, & MARKING FINISHING, ELECTRONICS AND OPTICAL DEPARTMENTS*

### AREAS OF SPECIALTY

- LAPAROSCOPIC AND ENDOSCOPIC INSTRUMENTS
- ELECTROSURGICAL UNITS AND ACCESSORIES
- FIBER OPTIC LIGHT CABLES AND RETRACTORS
- RIGID ENDOSCOPES & FLEXIBLE SINUSCOPES
- STAINLESS STEEL HAND INSTRUMENTS
- LIGHT SOURCES AND HEADLIGHTS
- DEBRIDER UNITS, HAND PIECES AND BLADES
- SELF RETAINING RETRACTOR SYSTEMS

### HOW TO PACKAGE AND SHIP INSTRUMENTS

- **IMPORTANT:** ELMED CANNOT ACCEPT INSTRUMENTS THAT HAVE NOT BEEN PROPERLY CLEANED, DISINFECTED OR STERILIZED.
- INCLUDE CUSTOMER NAME AND ALL CONTACT INFORMATION (NAME, ADDRESS, PHONE NO., FAX NO., EMAIL ADDRESS, ETC.)
- INCLUDE CUSTOMER P.O. (PURCHASE ORDER), IF USED
- INCLUDE REASON FOR RETURN - BRIEF DESCRIPTION OF REPAIR PROBLEM IF AVAILABLE
- WRAP INSTRUMENT FOR PROTECTION DURING TRANSPORT

**PLEASE FILL OUT, DETACH, AND INCLUDE THE FORM BELOW WITH YOUR REPAIR:**

FROM:	
FACILITY:	CONTACT PERSON:
ADDRESS:	
CITY, STATE, ZIP	
EMAIL:	PHONE NO.
PO. NO.	QTY.

INSTRUMENT DESCRIPTION:

(NOTE: PLEASE INCLUDE MODEL NO. AND SERIAL NO. IN INSTRUMENT DESCRIPTION FOR SCOPES)

FAST SERVICE: INCOMING REPAIRS COMING IN BY NEXT DAY AIR WILL BE COMPLETED WITHIN 24 HRS (WHEN PARTS ARE AVAILABLE)

SHIP TO: **ELMED** 35 N BRANDON DR., GLENDALE HEIGHTS, IL 60139