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Serving The Medical Profession Since 1955

ARTHROSCOPY

WE DESIGN, MANUFACTURE & SELL THE TOOLS THE SURGEONS USE



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Containment and Protection
of the Environment.



Therefore, we manufacture
reusable products for a cleaner
world.

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Here at Elmed we understand and have a long history of flexibility with our instruments. And in keeping with that tradition we offer the most extensive line of handle choices with our Arthroscopy line. Below you will find different handles to choose from that suit the needs of all the Surgeon's in your facility, without having to go to several different companies for what you may need.

NON-RATCHET HANDLES



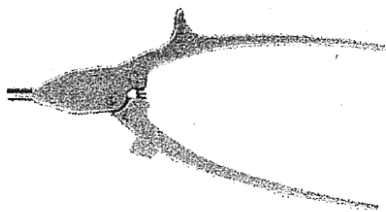
RING HANDLE DESIGN
(RH)



LOOP HANDLE DESIGN
(LH)



PRO HANDLE DESIGN
(PH)



WISHBONE HANDLE DESIGN
(WH)

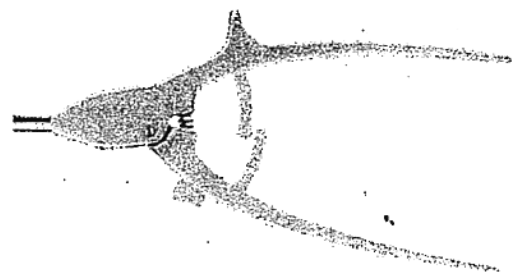


CIGAR HANDLE DESIGN
(CH)

RATCHET HANDLES



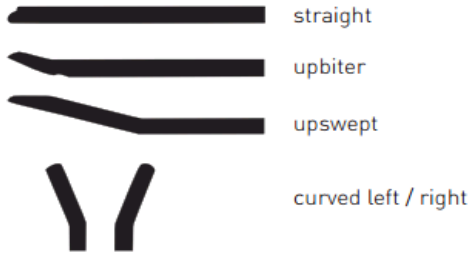
SLIDE LOCK HANDLE DESIGN
(SLH)



WISHBONE W/ RATCHET HANDLE DESIGN
(WHR)



PUNCHES



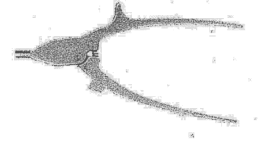
Ring Handle
Design
(RH)



Loop Handle
Design
(LH)



Pro Handle
Design
(PH)



Wishbone Handle
Design
(WH)



**BASKET PUNCH -
SCOOP**

SHAFT DESIGN	TIP HEIGHT	BITE WIDTH	RING HANDLE	LOOP HANDLE	PRO HANDLE	WISHBONE HANDLE
STRAIGHT	2.7 mm	1.8 mm	23-2011RH	23-2011LH	23-2011PH	23-2011WH
STRAIGHT	3.4 mm	2.0 mm	23-2012RH	23-2012LH	23-2012PH	23-2012WH
UPBITER	1.5 mm	1.6 mm	23-2020RH	23-2020LH	23-2020PH	23-2020WH
STRAIGHT	1.0 mm	1.6 mm	23-2029RH	23-2029LH	23-2029PH	23-2029WH
UPBITER	1.3 mm	1.6 mm	23-2030RH	23-2030LH	23-2030PH	23-2030WH
UPSWEPT	1.3 mm	1.6 mm	23-2031RH	23-2031LH	23-2031PH	23-2031WH
UPSWEPT	1.5 mm	1.6 mm	23-2032RH	23-2032LH	23-2032PH	23-2032WH
DOWNBITER	1.3 mm	1.6 mm	23-2033RH	23-2033LH	23-2033PH	23-2033WH
STRAIGHT	1.5 mm	1.6 mm	23-2034RH	23-2034LH	23-2034PH	23-2034WH
CURVED LEFT	1.3 mm	1.6 mm	23-2040RH	23-2040LH	23-2040PH	23-2040WH
CURVED RIGHT	1.3 mm	1.6 mm	23-2041RH	23-2041LH	23-2041PH	23-2041WH
UPBITER-CURVED LEFT	1.3 mm	1.6 mm	23-2042RH	23-2042LH	23-2042PH	23-2042WH
UPBITER-CURVED RIGHT	1.3 mm	1.6 mm	23-2043RH	23-2043LH	23-2043PH	23-2043WH



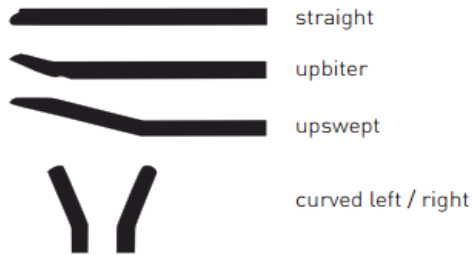
**BASKET PUNCH -
DUCKBILL**

SHAFT DESIGN	BITE WIDTH	RING HANDLE	LOOP HANDLE	PRO HANDLE	WISHBONE HANDLE
UPSWEPT	3.2 mm	23-2000RH	23-2000LH	23-2000PH	23-2000WH
STRAIGHT	3.2 mm	23-2013RH	23-2013LH	23-2013PH	23-2013WH
UPBITER	3.2 mm	23-2014RH	23-2014LH	23-2014PH	23-2014WH
UPBITER, CURVED LEFT	3.2 mm	23-2015RH	23-2015LH	23-2015PH	23-2015WH
UPBITER, CURVED RIGHT	3.2 mm	23-2016RH	23-2016LH	23-2016PH	23-2016WH





PUNCHES



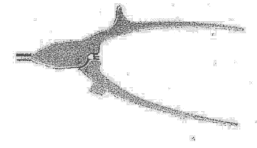
Ring Handle
Design
(RH)



Loop Handle
Design
(LH)



Pro Handle
Design
(PH)



Wishbone Handle
Design
(WH)



**BASKET PUNCH -
DUCKLING**

SHAFT DESIGN	BITE WIDTH	RING HANDLE	LOOP HANDLE	PRO HANDLE	WISHBONE HANDLE
UPSWEPT	3.2 mm	23-2044RH	23-2044LH	23-2044PH	23-2044WH
STRAIGHT	3.2 mm	23-2045RH	23-2045LH	23-2045PH	23-2045WH
UPBITER	3.2 mm	23-2046RH	23-2046LH	23-2046PH	23-2046WH
UPBITER, CURVED LEFT	3.2 mm	23-2047RH	23-2047LH	23-2047PH	23-2047WH
UPBITER, CURVED RIGHT	3.2 mm	23-2048RH	23-2048LH	23-2048PH	23-2048WH



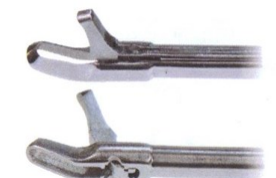
**BASKET PUNCH -
BLUNT NOSE**

SHAFT DESIGN	BITE WIDTH	RING HANDLE	LOOP HANDLE	PRO HANDLE	WISHBONE HANDLE
STRAIGHT	1.7 MM	23-2035RH	23-2035LH	23-2035PH	23-2035WH



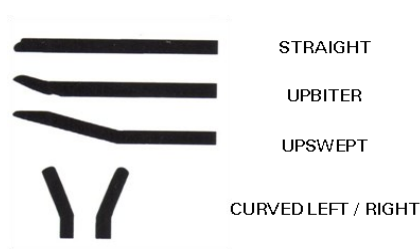
OVAL PUNCH

SHAFT DESIGN	BITE WIDTH	RING HANDLE	LOOP HANDLE	PRO HANDLE	WISHBONE HANDLE
UPBITER	4.4 MM	23-7200RH	23-7200LH	23-7200PH	23-7200PH
STRAIGHT	4.4 MM	23-7201RH	23-7201LH	23-7201PH	23-7201PH
UPBITER-CURVED LEFT	4.4 MM	23-7294RH	23-7294LH	23-7294PH	23-7294PH
UPBITER-CURVED RIGHT	4.4 MM	23-7295RH	23-7295LH	23-7295PH	23-7295PH
UPSWEPT	4.4 MM	23-7296RH	23-7296LH	23-7296PH	23-7296PH



**BASKET PUNCH -
NARROWLINE**

SHAFT DESIGN	BITE WIDTH	RING HANDLE	LOOP HANDLE	PRO HANDLE	WISHBONE HANDLE
UPBITER	1.7 MM	23-2051RH	23-2051LH	23-2051PH	23-2051WH
STRAIGHT	1.7 MM	23-2052RH	23-2052LH	23-2052PH	23-2052WH
UPBITER-CURVED LEFT	1.7 MM	23-2053RH	23-2053LH	23-2053PH	23-2053WH
UPBITER-CURVED RIGHT	1.7 MM	23-2054RH	23-2054LH	23-2054PH	23-2054WH
UPSWEPT	1.7 MM	23-2055RH	23-2055LH	23-2055PH	23-2055WH


PUNCHES


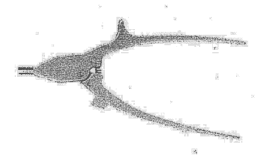
Ring Handle
Design
(RH)



Loop Handle
Design
(LH)



Pro Handle
Design
(PH)



Wishbone Handle
Design
(WH)



SCISSOR PUNCH

SHAFT DESIGN	BITE WIDTH	RING HANDLE	LOOP HANDLE	PRO HANDLE	WISHBONE HANDLE
STRAIGHT	0.7 MM	23-2036RH	23-2036LH	23-2036PH	23-2036WH
UPBITER	0.7 MM	23-2037RH	23-2037LH	23-2037PH	23-2037WH
UPBITER-CURVED LEFT	0.7 MM	23-2038RH	23-2038LH	23-2038PH	23-2038WH
UPBITER-CURVED RIGHT	0.7 MM	23-2039RH	23-2039LH	23-2039PH	23-2039WH



**BASKET PUNCH -
BACKBITER**

SHAFT DESIGN	BITE WIDTH	RING HANDLE	LOOP HANDLE	PRO HANDLE	WISHBONE HANDLE
RIGHT	2.4 MM	23-2058RH	23-2058LH	23-2058PH	23-2058WH
LEFT	2.4 MM	23-2059RH	23-2059LH	23-2059PH	23-2059WH



POSTERIOR PUNCH

SHAFT DESIGN	BITE WIDTH	RING HANDLE	LOOP HANDLE	PRO HANDLE	WISHBONE HANDLE
UPBITER	2.2 MM	23-2201RH	23-2201LH	23-2201PH	23-2201WH
UPSWEPT	2.2 MM	23-2202RH	23-2202LH	23-2202PH	23-2202WH
STRAIGHT	2.2 MM	23-2203RH	23-2203LH	23-2203PH	23-2203WH
CURVED LEFT	2.2 MM	23-2204RH	23-2204LH	23-2204PH	23-2204WH
CURVED RIGHT	2.2 MM	23-2205RH	23-2205H	23-2205PH	23-2205WH



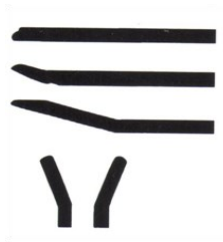
**MENISCAL PUNCH -
OVERBITER**

SHAFT DESIGN	BITE WIDTH	RING HANDLE	LOOP HANDLE	PRO HANDLE	WISHBONE HANDLE
OVERBITE	—	23-9878RH	23-9878LH	23-9878PH	23-9878WH





GRASPING FORCEPS



STRAIGHT
UPBITER
UPSWEPT
CURVED LEFT / RIGHT



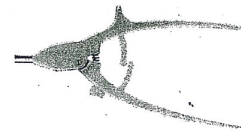
Ring Handle Design (RH)



Loop Handle Design (LH)



Pro Handle Design (PH)



Wishbone w/ Ratchet Design (WHR)

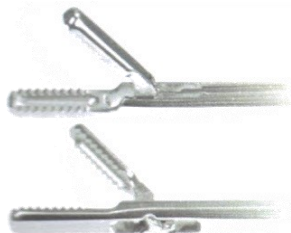


Slide Lock Handle Design (SLH)



GRASPING FORCEPS - PITBULL

SHAFT DESIGN	BITE WIDTH	RING HANDLE	LOOP HANDLE	PRO HANDLE	WISHBONE HANDLE W/ RATCHET	SLIDE LOCK HANDLE
STRAIGHT	3.4 MM	23-1022RH	23-1022LH	23-1022PH	23-1022WHR	23-1022SLH



GRASPING FORCEPS - CUPPED

SHAFT DESIGN	BITE WIDTH	RING HANDLE	LOOP HANDLE	PRO HANDLE	WISHBONE HANDLE W/ RATCHET	SLIDE LOCK HANDLE
STRAIGHT	2.7 MM	23-1012RH	23-1012LH	23-1012PH	23-1012WHR	23-1012SLH
STRAIGHT	3.4 MM	23-1014RH	23-1014LH	23-1014PH	23-1014WHR	23-1014SLH



GRASPING FORCEPS - RONGEUR

SHAFT DESIGN	BITE WIDTH	RING HANDLE	LOOP HANDLE	PRO HANDLE	WISHBONE HANDLE W/ RATCHET	SLIDE LOCK HANDLE
RAPTOR	—	23-4720RH	23-4720LH	23-4720PH	23-4720WHR	23-4720SLH
RAPTOR JR	—	23-4843RH	23-4843LH	23-4843PH	23-4843WHR	23-4843SLH

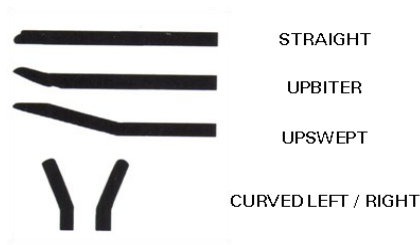


GRASPING FORCEPS - ALLIGATOR

SHAFT DESIGN	BITE WIDTH	RING HANDLE	LOOP HANDLE	PRO HANDLE	WISHBONE HANDLE W/ RATCHET	SLIDE LOCK HANDLE
STRAIGHT	3.0 MM	23-1020RH	23-1020LH	23-1020PH	23-1020WHR	23-1020SLH
UPCURVED	3.0 MM	23-1021RH	23-1021LH	23-1021PH	23-1021WHR	23-1021SLH
STRAIGHT	3.5 MM	23-1024RH	23-1024LH	23-1024PH	23-1024WHR	23-1024SLH



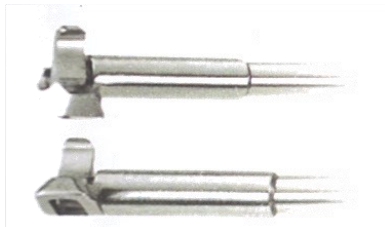
ROTARY PUNCHES



Cigar Handle
Design
(CH)

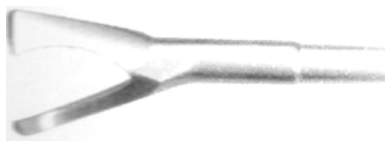


Loop Handle
Design
(LH)



BASKET PUNCH - 90° ROTARY

SHAFT DESIGN	TIP HEIGHT	BITE WIDTH	CIGAR HANDLE	LOOP HANDLE
90° - LEFT	3.9 MM	3.4 MM	23-0900CH	23-0900LH
90° - RIGHT	3.9 MM	3.4 MM	23-0901CH	23-0901LH
90° - LEFT	3.4 MM	2.2 MM	23-0906CH	23-0906LH
90° - RIGHT	3.4 MM	2.2 MM	23-0907CH	23-0907LH



HOOK ROTARY SCISSORS

SHAFT DESIGN	TIP HEIGHT	BITE WIDTH	CIGAR HANDLE	LOOP HANDLE
20° - LEFT	---	---	23-0800CH	23-0800LH
20° - RIGHT	---	---	23-0801CH	23-0801LH
60° - LEFT	---	---	23-0802CH	23-0802LH
60° - RIGHT	---	---	23-0803CH	23-0803LH



**ROTARY SCISSORS-
SERRATED**

SHAFT DESIGN	TIP HEIGHT	BITE WIDTH	CIGAR HANDLE	LOOP HANDLE
20° SERRATED - LEFT	---	---	23-0806CH	23-0806LH
20° SERRATED - RIGHT	---	---	23-0807CH	23-0807LH



HOOK SCISSORS, HOOK PUNCHES & WIDE JAW PUNCHES

AVAILABLE HANDLES FOR THE INSTRUMENTS BELOW...
Please see example for ordering

23-8903XX + Ring Handle = 23-8903RH



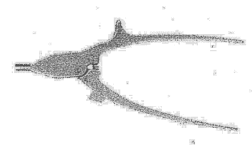
Ring Handle
Design
(RH)



Loop Handle
Design
(LH)



Pro Handle
Design
(PH)



Wishbone Handle
Design
(WH)



SHAFT DESIGN	SHAFT DIAMETER	HOOK SCISSORS	HOOK PUNCH W/ SCOOP	HOOK PUNCH, SET DOWN	HOOK PUNCH, ANGULAR
STRAIGHT	3.4 MM	23-2503XX	23-2903XX	23-3503XX	23-3703XX
	2.7 MM	23-2502XX	23-2902XX	23-3502XX	---
30°- RIGHT	3.4 MM	23-2513XX	23-2913XX	23-3513XX	23-3713XX
	2.7 MM	23-2512XX	23-2912XX	23-3512XX	---
30°- LEFT	3.4 MM	23-2533XX	23-2933XX	23-3533XX	23-3733XX
	2.7 MM	23-2532XX	23-2932XX	23-3532XX	---
45°- RIGHT	3.4 MM	23-2553XX	23-2953XX	23-3553XX	23-3753XX
	2.7 MM	23-2552XX	23-2952XX	23-3552XX	---
45°- LEFT	3.4 MM	23-2573XX	23-2973XX	23-3573XX	23-3773XX
	2.7 MM	23-2572XX	23-2972XX	23-3572XX	---
7°- UP	3.4 MM	23-2593XX	23-2993XX	23-3593XX	23-3793XX
	2.7 MM	23-2592XX	23-2992XX	23-3592XX	---
7°- DOWN	3.4 MM	23-2613XX	23-3013XX	23-3613XX	23-3813XX
	2.7 MM	23-2612XX	23-3012XX	23-3612XX	---
15°- UP	3.4 MM	23-2633XX	23-3033XX	23-3633XX	23-3833XX
	2.7 MM	23-2632XX	23-3032XX	23-3632XX	---
15°- DOWN	3.4 MM	23-2653XX	23-3053XX	23-3653XX	23-3853XX
	2.7 MM	23-2652XX	23-3052XX	23-3652XX	---



SHAFT DESIGN	SHAFT DIAMETER	HOOK PUNCH, 15° UPBITE	WIDE JAW PUNCH, 4.5 MM BITE	WIDE JAW PUNCH, 3.5 MM BITE	WIDE JAW PUNCH, 2.5 MM BITE
STRAIGHT	3.4 MM	23-3903XX	23-4903XX	23-5603XX	23-6303XX
30°- RIGHT	3.4 MM	23-3913XX	23-4913XX	23-5613XX	23-6313XX
30°- LEFT	3.4 MM	23-3933XX	23-4933XX	23-5633XX	23-6333XX
45°- RIGHT	3.4 MM	23-3953XX	23-4953XX	23-5653XX	23-6353XX
45°- LEFT	3.4 MM	23-3973XX	23-4973XX	23-5673XX	23-6373XX
7°- UP	3.4 MM	23-3993XX	23-4993XX	23-5693XX	23-6393XX
7°- DOWN	3.4 MM	23-4013XX	23-5013XX	23-5713XX	23-6413XX
15°- UP	3.4 MM	23-4033XX	23-5033XX	23-5733XX	23-6433XX
15°- DOWN	3.4 MM	23-4053XX	23-5053XX	23-5753XX	23-6453XX



ARTHROSCOPIC HAND INSTRUMENTS



AVAILABLE HANDLES FOR THE INSTRUMENTS BELOW...
Please see example for ordering

23-8903XX + Ring Handle = 23-8903RH



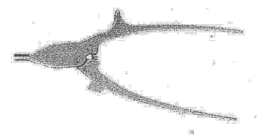
Ring Handle
Design
(RH)



Loop Handle
Design
(LH)



Pro Handle
Design
(PH)



Wishbone
Design
(WH)

WIDE JAW PUNCH - 15° UP-MILLED



	SHAFT DESIGN	SHAFT DIAMETER	WIDE JAW PUNCH, 4.5 MM	WIDE JAW PUNCH, 3.5 MM	WIDE JAW PUNCH, 2.5 MM	WIDE JAW PUNCH, 45° UP, 2.0 MM
	STRAIGHT	3.4 MM	23-5303XX	23-6003XX	23-6803XX	23-6983XX
	30°- RIGHT	3.4 MM	23-5313XX	23-6013XX	23-6813XX	---
	30°- LEFT	3.4 MM	23-5333XX	23-6033XX	23-6833XX	---
	45°- RIGHT	3.4 MM	23-5353XX	23-6053XX	23-6853XX	---
	45°- LEFT	3.4 MM	23-5373XX	23-6073XX	23-6873XX	---
	7°- UP	3.4 MM	23-5393XX	23-6093XX	23-6893XX	---
	7°- DOWN	3.4 MM	23-5413XX	23-6113XX	23-6913XX	---
	15°- UP	3.4 MM	23-5433XX	23-6133XX	23-6933XX	---
	15°- DOWN	3.4 MM	23-5453XX	23-6153XX	23-6953XX	---

SCISSOR PUNCHES



	SHAFT DESIGN	SHAFT DIAMETER	SCISSOR PUNCH	SCISSOR PUNCH, 15° UP-MILLED
	STRAIGHT	3.4 MM	23-7003XX	23-7203XX
	30°- RIGHT	3.4 MM	23-7013XX	23-7213XX
	30°- LEFT	3.4 MM	23-5333XX	23-7233XX
	45°- RIGHT	3.4 MM	23-7053XX	23-7253XX
	45°- LEFT	3.4 MM	23-7073XX	23-7273XX
	7°- UP	3.4 MM	23-7093XX	23-7293XX
	7°- DOWN	3.4 MM	23-7113XX	23-7313XX
	15°- UP	3.4 MM	23-7133XX	23-7333XX
	15°- DOWN	3.4 MM	23-7153XX	23-7353XX





AVAILABLE HANDLES FOR THE INSTRUMENTS BELOW...
Please see example for ordering

23-8903XX + Ring Handle = 23-8903RH



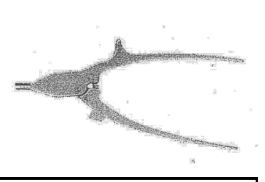
Ring Handle
Design
(RH)



Loop Handle
Design
(LH)



Pro Handle
Design
(PH)



Wishbone Handle
Design
(WH)

45° HOOK SCISSORS & PUNCHES



TIP DESIGN	SHAFT DIAMETER	HOOK SCISSOR	HOOK PUNCH W/ SCOOP	HOOK PUNCH, BLUNT
45° RIGHT	3.4 MM	23-2703XX	23-4103XX	23-4203XX
45° LEFT	3.4 MM	23-2803XX	23-4303XX	23-4403XX

90° HOOK PUNCHES & WIDE JAW PUNCHES



TIP DESIGN	SHAFT DIAMETER	HOOK PUNCH W/ SCOOP	HOOK PUNCH, BLUNT	WIDE JAW PUNCH, 3.0 MM	WIDE JAW PUNCH, 1.8 MM
90° RIGHT	3.4 MM	23-4503XX	23-4603XX	23-7403XX	23-7603XX
90° LEFT	3.4 MM	23-4703XX	23-4803XX	23-7503XX	23-7703XX

GRASPING FORCEPS



SHAFT DESIGN	SHAFT DIAMETER	GRASPING FORCEPS	GRASPING FORCEPS 1 X 2 TEETH, FINE	GRASPING FORCEPS 1 X 2 TEETH, CRASS
STRAIGHT	2.7 MM	23-8002XX	---	23-3202XX
STRAIGHT	3.4 MM	23-8003XX	23-8203XX	23-3203XX



SHAFT DESIGN	SHAFT DIAMETER	GRASPING & BIOPSY FORCEPS	BULLDOG GRASPING FORCEPS	BIOPSY FORCEP	BIOPSY FORCEP W/ SPIKE
STRAIGHT	2.7 MM			23-3602XX	23-3602-01XX
STRAIGHT	3.4 MM	23-8603XX	---	23-3603XX	23-3603-01XX
STRAIGHT	4.5 MM	---	23-8454XX	---	---





AVAILABLE HANDLES FOR THE INSTRUMENTS BELOW...
Please see example for ordering

23-8903XX + Ring Handle = 23-8903RH



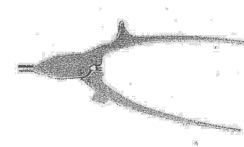
Ring Handle
Design
(RH)



Loop Handle
Design
(LH)

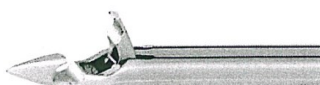


Pro Handle
Design
(PH)



Wishbone Handle
Design
(WH)

BIRD BEAK SUTURE FORCEPS



TIP DESIGN	SHAFT DIAMETER	BIRD BEAK SUTURE HOOK FORCEPS
STRAIGHT	3.4 MM	23-9003XX



TIP DESIGN	SHAFT DIAMETER	BIRD BEAK SUTURE HOOK FORCEPS
10° - UPMILLED	3.4 MM	23-8953XX



TIP DESIGN	SHAFT DIAMETER	BIRD BEAK SUTURE HOOK FORCEPS
20° - UPMILLED	3.4 MM	23-3122XX



TIP DESIGN	SHAFT DIAMETER	BIRD BEAK SUTURE HOOK FORCEPS
40° - UPMILLED	3.4 MM	23-3125XX



TIP DESIGN	SHAFT DIAMETER	BIRD BEAK SUTURE HOOK FORCEPS
45° - UPMILLED	3.4 MM	23-8933XX



TIP DESIGN	SHAFT DIAMETER	BIRD BEAK SUTURE HOOK FORCEPS
45°- LEFT	3.4 MM	23-3116XX



TIP DESIGN	SHAFT DIAMETER	BIRD BEAK SUTURE HOOK FORCEPS
45°- RIGHT	3.4 MM	23-3119XX



AVAILABLE HANDLES FOR THE INSTRUMENTS BELOW...
Please see example for ordering

23-8903XX + Ring Handle = 23-8903RH



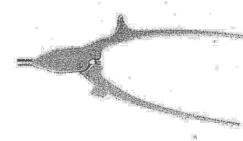
Ring Handle
Design
(RH)



Loop Handle
Design
(LH)



Pro Handle
Design
(PH)



Wishbone Handle
Design
(WH)

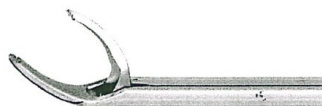
SUTURE GRASPING FORCEPS



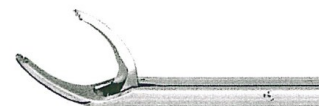
TIP DESIGN	SHAFT DIAMETER	SUTURE GRASPING FORCEPS
STRAIGHT	3.4 MM	23-8903XX



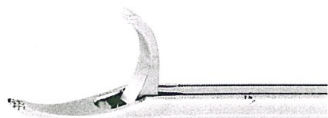
TIP DESIGN	SHAFT DIAMETER	SERRATED SUTURE GRASPING FORCEPS
STRAIGHT	3.4 MM	23-3136XX



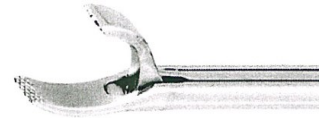
TIP DESIGN	SHAFT DIAMETER	SERRATED SUTURE GRASPING FORCEPS
45°- LEFT	3.4 MM	23-3138XX



TIP DESIGN	SHAFT DIAMETER	SERRATED SUTURE GRASPING FORCEPS
45°- RIGHT	3.4 MM	23-3140XX



TIP DESIGN	SHAFT DIAMETER	SERRATED SUTURE GRASPING FORCEPS
15°- UPMILLED	3.4 MM	23-3142XX



TIP DESIGN	SHAFT DIAMETER	KING SUTURE GRASPING FORCEPS
STRAIGHT	3.4 MM	23-3144XX



AVAILABLE HANDLES FOR THE INSTRUMENTS BELOW...
Please see example for ordering

23-8903XX + Ring Handle = 23-8903RH



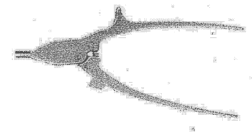
Ring Handle
Design
(RH)



Loop Handle
Design
(LH)



Pro Handle
Design
(PH)



Wishbone Handle
Design
(WH)

SUTURE HOOKS



TIP DESIGN	SHAFT DIAMETER	SUTURE HOOK
POINTED LEFT	3.4 MM	23-3128XX



TIP DESIGN	SHAFT DIAMETER	SUTURE HOOK
POINTED RIGHT	3.4 MM	23-3130XX



TIP DESIGN	SHAFT DIAMETER	SUTURE HOOK
TURNED LEFT	3.4 MM	23-3132XX

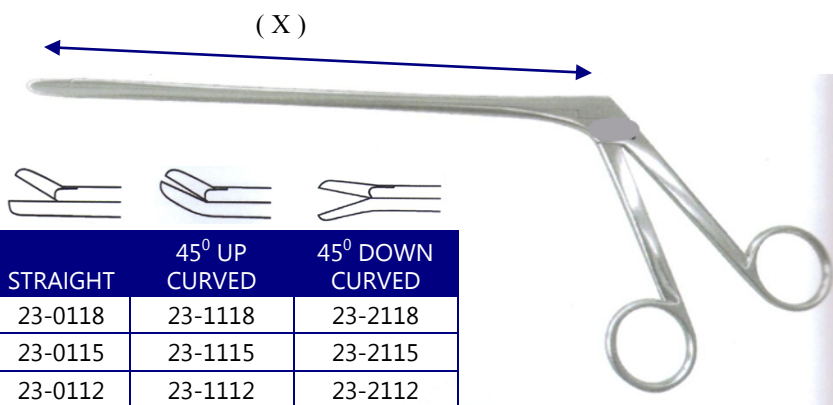


TIP DESIGN	SHAFT DIAMETER	SUTURE HOOK
TURNED RIGHT	3.4 MM	23-3134XX



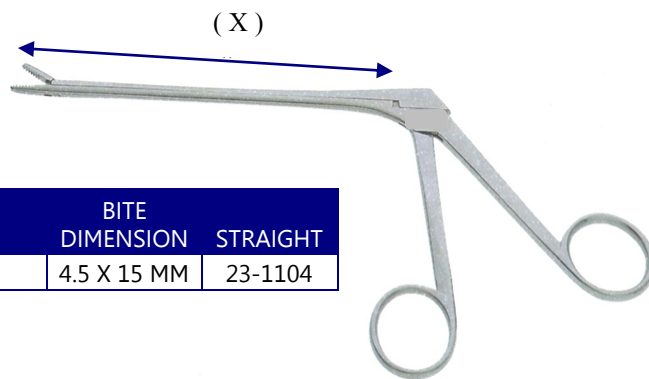


ARTHROSCOPIC PUNCHES



	WORKING LENGTH	BITE DIMENSION	STRAIGHT	45° UP CURVED	45° DOWN CURVED
CUSHING 2 X 10 MM	X=180 MM	2 X 10 MM	23-0118	23-1118	23-2118
	X=150 MM	2 X 10 MM	23-0115	23-1115	23-2115
	X=120MM	2 X 10 MM	23-0112	23-1112	23-2112
LOVE - GRUNWALD 3 X 10 MM	X=180 MM	3 X 10 MM	23-0218	23-1218	23-2218
	X=150 MM	3 X 10 MM	23-0215	23-1215	23-2215
	X=120MM	3 X 10 MM	23-0212	23-1212	23-2212
SPURLING 4 X 10 MM	X=180 MM	4 X 10 MM	23-0318	23-1318	23-2318
	X=150 MM	4 X 10 MM	23-0315	23-1315	23-2315
	X=120MM	4 X 10 MM	23-0312	23-1312	23-2312

MENISCUS GRASPING FORCEPS



WORKING LENGTH	BITE DIMENSION	STRAIGHT
X=120 MM	4.5 X 15 MM	23-1104

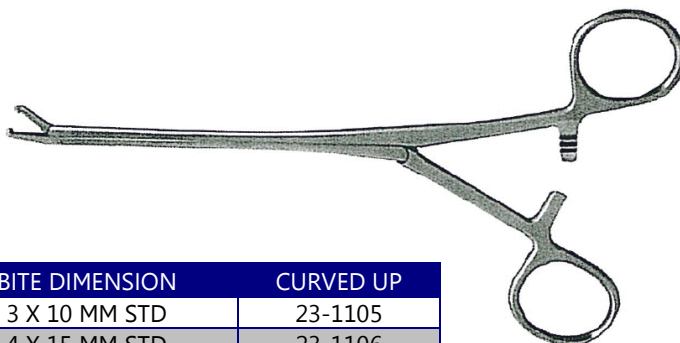
MENISCUS RETRACTING FORCEPS



STANDARD TIP



1x2 TEETH



WORKING LENGTH	OVERALL LENGTH	BITE DIMENSION	CURVED UP
85 CM	15 CM	3 X 10 MM STD	23-1105
120 MM	19 CM	4 X 15 MM STD	23-1106
85 MM	15 CM	3 X 10 MM 1x2 TEETH	23-1107
120 MM	19 CM	4 X 15 MM 1x2 TEETH	23-1108





TENDON GRASPING FORCEPS - STRAIGHT, RIGHT & LEFT

(X)

WORKING
LENGTH

STRAIGHT

X=190 MM

23-0045

(X)

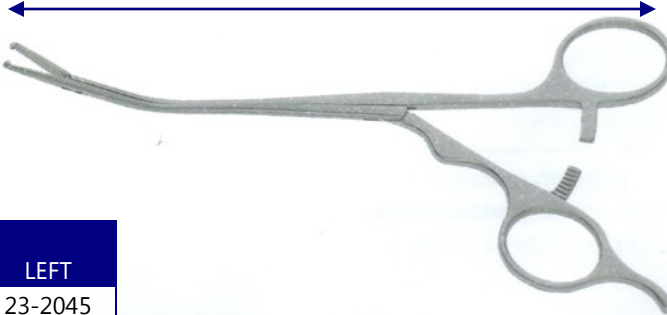
WORKING
LENGTH

RIGHT

X=190 MM

23-1045

(X)

WORKING
LENGTH

LEFT

X=190 MM

23-2045

CAROLL TENDON GRASPING FORCEPS

WORKING
LENGTH

STRAIGHT

X=190 MM

23-0101





ARTHROSCOPIC INSTRUMENTS

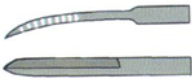
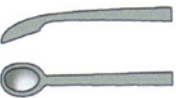


2 PIECE INSTRUMENT W/ ROUND HANDLE

240MM OVERALL
LENGTH



1 PIECE INSTRUMENT W/ TRIANGLE HANDLE

23-0012C	 HOOK PROBE & RETRACTOR, POINTED	23-0012A
23-0022C	 KNIFE, 45° ANGLED	23-0022A
23-0032C	 BAYONET KNIFE	23-0032A
23-0042C	 BANANA KNIFE, SERRATED	23-0042A
23-0052C	 BANANA KNIFE, SMOOTH	23-0052A
23-0062C	 SPOON, CURVED 30°, 3MM	23-0062A
23-0072C	 RING CURETTE, 15° ANGLED, 3MM	23-0072A
23-0082C	 RING CURETTE, 15° ANGLED, 7MM	23-0082A
23-0092C	 HOOK PROBE, GRADUATED, 3MM	23-0092A





ARTHROSCOPIC INSTRUMENTS



2 PIECE INSTRUMENT W/ ROUND HANDLE

240MM OVERALL
LENGTH



1 PIECE INSTRUMENT W/ TRIANGLE HANDLE

23-0102C	 HOOK PROBE, GRADUATED, 5MM	23-0102A
23-0112C	 SMILLIE MENISCOTOME, 3MM	23-0112A
23-0122C	 SMILLIE MENISCOTOME, 5MM	23-0122A
23-0132C	 SMILLIE MENISCOTOME, 7MM	23-0132A
23-0142C	 SCALPEL KNIFE	23-0142A
23-0152C	 ROSETTE, STRAIGHT, SERRATED	23-0152A
23-0162C	 ROSETTE, CURVED LEFT 30°, SERRATED	23-0162A
23-0172C	 ROSETTE, CURVED RIGHT 30°, SERRATED	23-0172A
23-0182C	 SICKLE KNIFE	23-0182A
23-0192C	 HOOK KNIFE, 90°, LATERAL CUTTING	23-0192A





ARTHROSCOPIC INSTRUMENTS-ECONOMY LINE



190MM OVERALL
LENGTH

HOOK PROBE &
RETRACTOR, POINTED

23-0012E



KNIFE, 45° ANGLED

23-0022E



BAYONET KNIFE

23-0032E



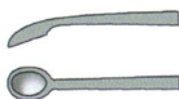
BANANA KNIFE,
SERRATED

23-0042E



BANANA KNIFE,
SMOOTH

23-0052E



SPOON, CURVED 30°,
3MM

23-0062E



RING CURETTE, 15°
ANGLED, 3MM

23-0072E



RING CURETTE, 15°
ANGLED, 7MM

23-0082E



HOOK PROBE,
GRADUATED, 3MM

23-0092E



HOOK PROBE,
GRADUATED, 5MM

23-0102E



SMILLIE MENISCOTOME,
3MM

23-0112E



SMILLIE MENISCOTOME,
5MM

23-0122E



SMILLIE MENISCOTOME,
7MM

23-0132E



SCALPEL KNIFE

23-0142E



ROSETTE, STRAIGHT,
SERRATED

23-0152E



ROSETTE, CURVED LEFT
30°, SERRATED

23-0162E



ROSETTE, CURVED RIGHT
30°, SERRATED

23-0172E



SICKLE KNIFE

23-0182E



HOOK KNIFE, 90°,
LATERAL CUTTING

23-0192E





MONOPOLAR ELECTRODES & PENCIL FOR ARTHROSCOPY



BLADE ELECTRODE, 45° ANGLED
LIST #23-1110



BLADE ELECTRODE, 90° ANGLED
LIST #23-2110



BALL ELECTRODE, 4 MM
LIST #23-3110



SCALPEL BLADE, "CLASSIC"
LIST #23-4110



SCALPEL BLADE, "ROUND"
LIST #23-5110



LIST
#5750

HANDSWITCHING HANDLE, DUAL MICRO-TOUCH SWITCH FOR CUTTING/COAGULATING, ATTACHED W/10 FT. CABLE W/THREE PRONG PLUG FOR VALLEYLAB AND OTHER HANDSWITCHING UNITS. FOR USE W/STANDARD ELECTRODES 3MM (3/32") DIA. SHAFT





ARTHROSCOPIC SCOPES & CANNULAS - ELMED / STORZ™ STYLE

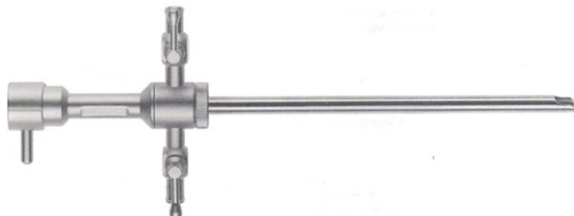


LIST NO.	DESCRIPTION
37270-00	ELMED EOS™ HD ARTHROSCOPE: 2.7 MM Ø, 0 DEGREE VIEWING
37270-30	ELMED EOS™ HD ARTHROSCOPE: 2.7 MM Ø, 30 DEGREE VIEWING
37270-45	ELMED EOS™ HD ARTHROSCOPE: 2.7 MM Ø, 45 DEGREE VIEWING
37270-70	ELMED EOS™ HD ARTHROSCOPE: 2.7 MM Ø, 70 DEGREE VIEWING

LIST NO.	DESCRIPTION
37400-00	ELMED EOS™ HD ARTHROSCOPE: 4.0 MM Ø, 0 DEGREE VIEWING
37400-30	ELMED EOS™ HD ARTHROSCOPE: 4.0 MM Ø, 30 DEGREE VIEWING
37400-45	ELMED EOS™ HD ARTHROSCOPE: 4.0 MM Ø, 45 DEGREE VIEWING
37400-70	ELMED EOS™ HD ARTHROSCOPE: 4.0MM Ø, 70 DEGREE VIEWING



LIST NO. 23-1755	2.7 MM, 175 MM, ARTHROSCOPY SHEATH, SINGLE ROTATING STOPCOCK, STORZ™ STYLE
LIST NO. 23-1756	4.0 MM, 175 MM ARTHROSCOPY SHEATH, SINGLE ROTATING STOPCOCK, STORZ™ STYLE
LIST NO. 23-1757	5.8 MM, 175 MM, ARTHROSCOPY SHEATH, SINGLE ROTATING STOPCOCK, STORZ™ STYLE
LIST NO. 23-1758	6.5 MM, 175 MM ARTHROSCOPY SHEATH, SINGLE ROTATING STOPCOCK, STORZ™ STYLE



LIST NO. 23-1759	2.7 MM, 175 MM, ARTHROSCOPY SHEATH, DUAL ROTATING STOPCOCK, STORZ™ STYLE
LIST NO. 23-1760	4.0 MM, 175 MM ARTHROSCOPY SHEATH, DUAL ROTATING STOPCOCK, STORZ™ STYLE
LIST NO. 23-1761	5.8 MM, 175 MM, ARTHROSCOPY SHEATH, DUAL ROTATING STOPCOCK, STORZ™ STYLE
LIST NO. 23-1762	6.5 MM, 175 MM ARTHROSCOPY SHEATH, DUAL ROTATING STOPCOCK, STORZ™ STYLE



LIST NO. 23-1751PT	2.7 MM, 175 MM, PYRAMIDAL TROCAR, STORZ™ STYLE
LIST NO. 23-1752PT	4.0 MM, 175 MM PYRAMIDAL TROCAR, STORZ™ STYLE
23-1753PT	5.8 MM, 175 MM, PYRAMIDAL TROCAR, STORZ™ STYLE
23-1554PT	6.5 MM, 175 MM PYRAMIDAL TROCAR, STORZ™ STYLE



LIST NO. 23-1751BT	2.7 MM, 175 MM, BLUNT TROCAR, STORZ™ STYLE
LIST NO. 23-1752BT	4.0 MM, 175 MM BLUNT TROCAR, STORZ™ STYLE
LIST NO. 23-1753BT	2.7 MM, 175 MM, BLUNT TROCAR, STORZ™ STYLE
LIST NO. 23-1754BT	4.0 MM, 175 MM BLUNT TROCAR, STORZ™ STYLE



ARTHROSCOPIC SCOPES & CANNULAS - STRYKER™ STYLE



LIST NO.	DESCRIPTION
37270-00-STRYKER	ELMED EOS™ HD ARTHROSCOPE: 2.7 MM Ø, 0 DEGREE VIEWING, STRYKER™ STYLE
37270-30-STRYKER	ELMED EOS™ HD ARTHROSCOPE: 2.7 MM Ø, 30 DEGREE VIEWING, STRYKER™ STYLE
37270-45-STRYKER	ELMED EOS™ HD ARTHROSCOPE: 2.7 MM Ø, 45 DEGREE VIEWING, STRYKER™ STYLE
37270-70-STRYKER	ELMED EOS™ HD ARTHROSCOPE: 2.7 MM Ø, 70 DEGREE VIEWING, STRYKER™ STYLE

LIST NO.	DESCRIPTION
37400-00-STRYKER	ELMED EOS™ HD ARTHROSCOPE: 4.0 MM Ø, 0 DEGREE VIEWING, STRYKER™ STYLE
37400-30-STRYKER	ELMED EOS™ HD ARTHROSCOPE: 4.0 MM Ø, 30 DEGREE VIEWING, STRYKER™ STYLE
37400-45-STRYKER	ELMED EOS™ HD ARTHROSCOPE: 4.0 MM Ø, 45 DEGREE VIEWING, STRYKER™ STYLE
37400-70-STRYKER	ELMED EOS™ HD ARTHROSCOPE: 4.0 MM Ø, 70 DEGREE VIEWING, STRYKER™ STYLE



LIST NO. 23-1755-STRYKER	2.7 MM, 175 MM, ARTHROSCOPY SHEATH, SINGLE ROTATING STOPCOCK, STRYKER™ STYLE
LIST NO. 23-1756-STRYKER	4.0 MM, 175 MM ARTHROSCOPY SHEATH, SINGLE ROTATING STOPCOCK, STRYKER™ STYLE
LIST NO. 23-1757-STRYKER	5.8 MM, 175 MM, ARTHROSCOPY SHEATH, SINGLE ROTATING STOPCOCK, STRYKER™ STYLE
LIST NO. 23-1758-STRYKER	6.5 MM, 175 MM ARTHROSCOPY SHEATH, SINGLE ROTATING STOPCOCK, STRYKER™ STYLE



LIST NO. 23-1759-STRYKER	2.7 MM, 175 MM, ARTHROSCOPY SHEATH, DUAL ROTATING STOPCOCK
LIST NO. 23-1760-STRYKER	4.0 MM, 175 MM ARTHROSCOPY SHEATH, DUAL ROTATING STOPCOCK, STRYKER™ STYLE
LIST NO. 23-1761-STRYKER	5.8 MM, 175 MM, ARTHROSCOPY SHEATH, DUAL ROTATING STOPCOCK
LIST NO. 23-1762-STRYKER	6.5 MM, 175 MM ARTHROSCOPY SHEATH, DUAL ROTATING STOPCOCK, STRYKER™ STYLE



LIST NO. 23-1751PT-STRYKER	2.7 MM, 175 MM, PYRAMIDAL TROCAR, STRYKER™ STYLE
LIST NO. 23-1752PT-STRYKER	4.0 MM, 175 MM PYRAMIDAL TROCAR, STRYKER™ STYLE
LIST NO. 23-1753PT-STRYKER	5.8 MM, 175 MM, PYRAMIDAL TROCAR, STRYKER™ STYLE
LIST NO. 23-1754PT-STRYKER	6.5 MM, 175 MM PYRAMIDAL TROCAR, STRYKER™ STYLE

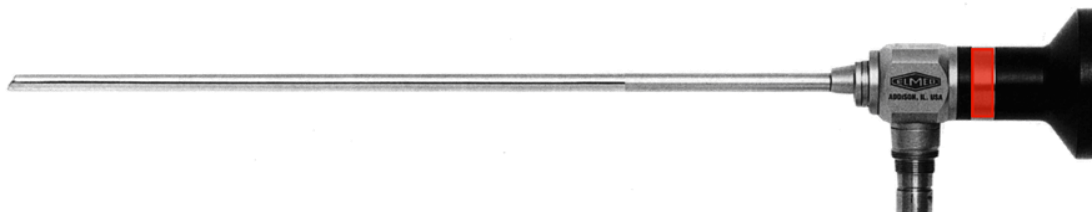


LIST NO. 23-1751BT-STRYKER	2.7 MM, 175 MM, BLUNT TROCAR STRYKER™ STYLE
LIST NO. 23-1752BT-STRYKER	4.0 MM, 175 MM BLUNT TROCAR STRYKER™ STYLE
LIST NO. 23-1753BT-STRYKER	5.8 MM, 175 MM, BLUNT TROCAR STRYKER™ STYLE
LIST NO. 23-1754BT-STRYKER	6.5 MM, 175 MM BLUNT TROCAR STRYKER™ STYLE





ARTHROSCOPIC SCOPES & CANNULAS - DYONICS™ STYLE



LIST NO.	DESCRIPTION
37270-00-DYONICS	ELMED EOS™ HD ARTHROSCOPE: 2.7 MM Ø, 0 DEGREE VIEWING, DYONICS™ SCOPE LOCK
37270-30-DYONICS	ELMED EOS™ HD ARTHROSCOPE: 2.7 MM Ø, 30 DEGREE VIEWING, DYONICS™ SCOPE LOCK
37270-45-DYONICS	ELMED EOS™ HD ARTHROSCOPE: 2.7 MM Ø, 45 DEGREE VIEWING, DYONICS™ SCOPE LOCK
37270-70-DYONICS	ELMED EOS™ HD ARTHROSCOPE: 2.7 MM Ø, 70 DEGREE VIEWING, DYONICS™ SCOPE LOCK

LIST NO.	DESCRIPTION
37400-00-DYONICS	ELMED EOS™ HD ARTHROSCOPE: 4.0 MM Ø, 0 DEGREE VIEWING, DYONICS™ SCOPE LOCK
37400-30-DYONICS	ELMED EOS™ HD ARTHROSCOPE: 4.0 MM Ø, 30 DEGREE VIEWING, DYONICS™ SCOPE LOCK
37400-45-DYONICS	ELMED EOS™ HD ARTHROSCOPE: 4.0 MM Ø, 45 DEGREE VIEWING, DYONICS™ SCOPE LOCK
37400-70-DYONICS	ELMED EOS™ HD ARTHROSCOPE: 4.0 MM Ø, 70 DEGREE VIEWING, DYONICS™ SCOPE LOCK



LIST NO. 23-1755-DYONICS	2.7 MM, 175 MM, ARTHROSCOPY SHEATH, SINGLE ROTATING STOPCOCK, DYONICS™ SCOPE LOCK
LIST NO. 23-1756-DYONICS	4.0 MM, 175 MM ARTHROSCOPY SHEATH, SINGLE ROTATING STOPCOCK, DYONICS™ SCOPE LOCK
LIST NO. 23-1757-DYONICS	5.8 MM, 175 MM, ARTHROSCOPY SHEATH, SINGLE ROTATING STOPCOCK, DYONICS™ SCOPE LOCK
LIST NO. 23-1758-DYONICS	6.5 MM, 175 MM ARTHROSCOPY SHEATH, SINGLE ROTATING STOPCOCK, DYONICS™ SCOPE LOCK



LIST NO. 23-1759-DYONICS	2.7 MM, 175 MM, ARTHROSCOPY SHEATH, DUAL ROTATING STOPCOCK, DYONICS™ SCOPE LOCK
LIST NO. 23-1760-DYONICS	4.0 MM, 175 MM ARTHROSCOPY SHEATH, DUAL ROTATING STOPCOCK, DYONICS™ SCOPE LOCK
LIST NO. 23-1761-DYONICS	5.8 MM, 175 MM, ARTHROSCOPY SHEATH, DUAL ROTATING STOPCOCK, DYONICS™ SCOPE LOCK
LIST NO. 23-1762-DYONICS	6.5 MM, 175 MM ARTHROSCOPY SHEATH, DUAL ROTATING STOPCOCK, DYONICS™ SCOPE LOCK



LIST NO. 23-1751PT-DYONICS	2.7 MM, 175 MM, CONICAL TROCAR, DYONICS™ STYLE
LIST NO. 23-1752PT-DYONICS	4.0 MM, 175 MM CONICAL TROCAR, DYONICS™ STYLE
LIST NO. 23-1753PT-DYONICS	5.8 MM, 175 MM, CONICAL TROCAR, DYONICS™ STYLE
LIST NO. 23-1754PT-DYONICS	6.5 MM, 175 MM CONICAL TROCAR, DYONICS™ STYLE



LIST NO. 23-1751BT-DYONICS	2.7 MM, 175 MM, SHARP TROCAR, DYONICS™ STYLE
LIST NO. 23-1752BT-DYONICS	4.0 MM, 175 MM SHARP TROCAR, DYONICS™ STYLE
LIST NO. 23-1753BT-DYONICS	5.8 MM, 175 MM, SHARP TROCAR, DYONICS™ STYLE
LIST NO. 23-1754BT-DYONICS	6.5 MM, 175 MM SHARP TROCAR, DYONICS™ STYLE


ARTHROSCOPIC IRRIGATION CANNULAS - ELMED STYLE


LIST NO. 23-1032	3.2 MM, 7.0 CM, IRRIGATION CANNULA W/ 4 HOLES, STOPCOCK, LUER-LOCK CONNECTION
LIST NO. 23-1045	4.5 MM, 7.0 CM, IRRIGATION CANNULA W/ 4 HOLES, STOPCOCK, LUER-LOCK CONNECTION



LIST NO. 23-3032	3.2 MM, 7.0 CM, TROCAR
LIST NO. 23-3045	4.5 MM, 7.0 CM, TROCAR



LIST NO. 23-4032	3.2 MM, 7.0 CM, OBTURATOR
LIST NO. 23-4045	4.5 MM, 7.0 CM, OBTURATOR

ARTHROSCOPIC IRRIGATION CANNULAS - DYONICS™ STYLE


LIST NO. 23-3000	4.5 MM, 8.3CM, IRRIGATION CANNULA W/ 2 HOLES, LUER-LOCK CONNECTION
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LIST NO. 23-3001	4.5 MM, 8.3CM, SHARP OBTURATOR
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LIST NO. 23-3002	4.5 MM, 8.3CM, BLUNT OBTURATOR
---------------------	--------------------------------



LIST NO. 23-3003	IRRIGATION ADAPTER W/ TUBE CONNECTION
---------------------	---------------------------------------





ELMED TM 930



Technical Data:

-Dimensions (W x D x H)	323 x 267 x 118 mm
-Weight	5.5 kg
-Voltage	90-230 VAC (50Hz/60Hz)
-Max. power consumption	100 VA
-Primary fuse	2 x T6.3A
-Protection	I
-Field of application	Type B
-Operating mode	Continuous Operation
-Protection Class	IP XO
-EN-class	IIa
-EMV	EN 60601-1-2

- Model TM 930 is designed for surgical interventions on small and large joints. Ergonomic hand pieces guarantee easy working with less fatigue. Quiet running and large suction capacity are further attributes of the units
- The Model TM 930 is clearly structured for user friendly application. The user may change settings for rotation speed and direction either on the front panel, or via the footswitch. The footswitch is nonskid and waterproof.
- The Model TM 930 offers three connectors for different hand pieces, e.g. shaver, drill or saw. All hand pieces are autoclavable at 134⁰ C.



LIST NO.	DESCRIPTION
23-81001	MODEL TM 930 SHAVER SYSTEM, CONTROL UNIT W/ 3 CONNECTIONS FOR HAND PIECES



LIST NO.	DESCRIPTION
23-80007	HAND PIECE FOR MODEL TM 930 SHAVER SYSTEM (1000 / 2000 / 3000 / 4000 / 5000 / 6000 / 7000 / 8000 U/MIN +/-10%)



LIST NO.	DESCRIPTION
23-81012	FOOTSWITCH FOR MODEL 930 SHAVER SYSTEM (FUNCTIONS: RIGHT, LEFT, OSCILLATION, SPEED-CHANGE, HAND PIECE SELECTION)

MODEL TM 930 ACCESSORIES



LIST NO.	DESCRIPTION
23-81004	DRILL, CANNULATED, AUTOCLAVABLE, FOR USE WITH MODEL TM 930 (SPEED: 150 / 300 / 600 / 900 / 1100 R/MIN +/-10%)



LIST NO.	DESCRIPTION
23-81005	OSCILLATING SAW, AUTOCLAVABLE, W/OUT SAW BLADE FOR USE WITH MODEL TM 930 (SPEED: 20,000 OSZ/MIN +/-10%)



LIST NO.	DESCRIPTION
23-81006	SAW BLADE FOR OSCILLATING SAW, 7MM, 50MM LENGTH





COMPATIBLE SHAVER BLADES IN ALL STYLES



Elmed / Linvatec /
Arthrex



Dyonis Shaver PS3500 &
PS 3500EP
(ADD "A" AFTER ITEM #)



Dyonis Shaver EP1
(ADD "B" AFTER ITEM #)



Stryker
(ADD "C" AFTER ITEM #)

PLASTIC SHAFT SHAVER BLADES (PKG. OF 5)

AUTOCLAVABLE 134° C / 273° F



***For Elmed TM 930, Linvatec/Concept, & Arthrex



SHAFT DIAMETER	END CUTTER	FULL RADIUS RESECTOR	AGGRESSIVE FULL RADIUS RESECTOR	MENISCUS CUTTER
3.5 MM	—	23-20330	23-20310	23-20320
4.2 MM	23-20406	23-20430	23-20410	23-20420
5.5 MM	23-20506	23-20530	23-20510	23-20520



SHAFT DIAMETER	AGGRESSIVE MENISCUS CUTTER	ROUND BURR	TAPERED BURR	OVAL BURR	DOUBLE AGGRESSIVE FULL RADIUS
3.5 MM	23-20304	—	—	—	—
4.2 MM	23-20404	23-20460	—	23-20480	23-20750
5.5 MM	23-20504	23-20560	23-20570	23-20580	23-20850

ARTHROSCOPIC SHAVER SYSTEM



COMPATIBLE SHAVER BLADES IN ALL STYLES



Elmed / Linvatec /
Arthrex



Dyonis Shaver PS3500 &
PS 3500EP
(ADD "A" AFTER ITEM #)



Dyonis Shaver EP1
(ADD "B" AFTER ITEM #)



Stryker
(ADD "C" AFTER ITEM #)

STAINLESS STEEL SHAVER BLADES (PKG. OF 5)

AUTOCLAVABLE 134⁰ C / 273⁰ F



***For Elmed, Linvatec/Concept, & Arthrex



SHAFT DIAMETER	TRIMMER	FULL RADIUS RESECTOR	AGGRESSIVE FULL RADIUS RESECTOR	MENISCUS CUTTER
3.5 MM	23-20603	23-20630	23-20610	23-20620
4.2 MM	23-20703	23-20730	23-20710	23-20720
5.5 MM	23-20803	23-20830	23-20810	23-20820



SHAFT DIAMETER	AGGRESSIVE MENISCUS CUTTER	ROUND BURR	TAPERED BURR	OVAL BURR
3.5 MM	23-20605	—	—	—
4.2 MM	23-20705	23-20760	—	—
5.5 MM	23-20805	23-20860	23-20870	23-20880



LIST NO.	DESCRIPTION
23-20200	CLEANING ADAPTER FOR SHAVING BLADES

