



LAPAROSCOPIC INSTRUMENTS

PRODUCT CATALOGUE

World-Class High Quality



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

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Advanced Energy



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Caiman

One seal confidence

Vessel sealing with only one energy activation

Uniform tissue compression

Leads to consistent sealing quality from distal to proximal tip

Tip first closure

Retains tissues within the jaws for improved compression

Long jaw tip

Enlarged vessel sealing length and improved surgical efficiency

80 degree articulation jaw

Allows simplified navigation in challenging anatomy



Item No.	Shaft Diameter	Working Length	Pieces per Box
CAIMAN® 12, ARTICULATING			
PL730SU	12 mm	24 cm	3
PL731SU	12 mm	44 cm	3
CAIMAN 5, NON ARTICULATING			
PL738SU	5 mm	24 cm	6
PL740SU	5 mm	36 cm	6
PL742SU	5 mm	44 cm	6
CAIMAN 5, ARTICULATING			
PL739SU	5 mm	24 cm	6
PL741SU	5 mm	36 cm	6
PL743SU	5 mm	44 cm	6
CAIMAN 5, NON ARTICULATING MARYLAND			
PL774SU	5 mm	12.5 cm	6
PL775SU	5 mm	17 cm	6
PL770SU	5 mm	36 cm	6
PL772SU	5 mm	44 cm	6
CAIMAN 5, ARTICULATING MARYLAND			
PL771SU	5 mm	36 cm	6
PL773SU	5 mm	44 cm	6
LEKTRAFUSE RF GENERATOR*			
GN200	*Please contact your local Aesculap sales representative prior to ordering.		
GENERATOR CART		W x H x D: 20.5" x 31.5" x 22.5"	
GN330			
WIRE BASKET		W x H x D: 14.5" x 8.7" x 11"	
PV951R			

Visit www.aesculapusa.com to learn more about what Caiman can do for your procedures and to see the latest additions to the Caiman family of advanced seal and cut instruments.

Monopolar Instruments



AdTec™ Single Use Monopolar Instruments



AdTec Single Use

- Single use instruments
- Insulated to the tips
- Ergonomic handle
- One-to-one tactile feedback

AdTec Reposable

- Convenience of single use instrument with cost savings of a reusable
- Easy assembly - one click mechanism
- Insulated to the tips
- Ergonomic handle
- One-to-one tactile feedback

AdTec™ Single Use Monopolar Instruments



mini 3.5 mm

Box of 5	Description	Item No.	Diam.	Length
	METZENBAUM Scissors	PO830SU	3.5 mm	29 cm
 1/1				
	MARYLAND Dissecting forceps	PO831SU	3.5 mm	29 cm
 1/1				
	Universal grasping forceps fenestrated	PO833SU	3.5 mm	29 cm
 1/1				

Monopolar Instruments

AdTec™ Single Use Monopolar Instruments

5 mm



Box of 5	Description	Item No.	Diam.	Length
	METZENBAUM Scissors	PO840SU	5 mm	31 cm



1/1

MARYLAND Dissecting forceps	PO841SU	5 mm	31 cm
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1/1

Pike mouth grasper	PO842SU	5 mm	31 cm
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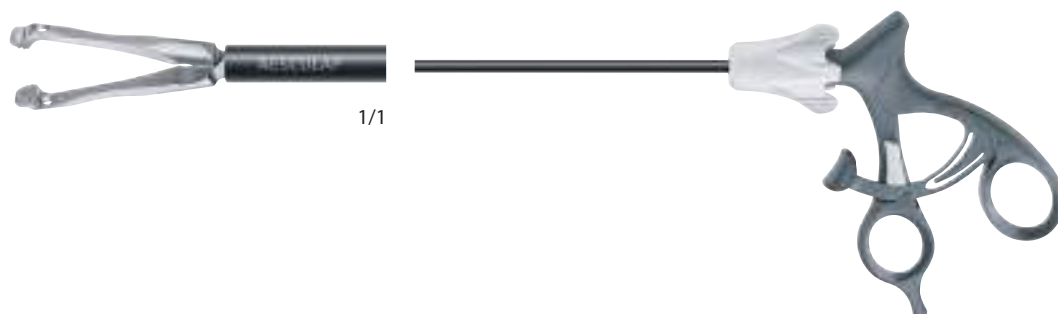
1/1

Box of 5	Description	Item No.	Diam.	Length
	Universal grasping forceps, fenestrated	PO843SU	5 mm	31 cm



1/1

BABCOCK Grasping forceps	PO844SU	5 mm	31 cm
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1/1

AdTec™ Reposable Monopolar Instruments

Scissors

Box of 10	Description	Item No.	Diam.	Length
	METZENBAUM Scissors, slightly curved	PO885SU	5 mm	31 cm
				
	1/1			
	Hook scissors	PO886	5 mm	31 cm
				
	1/1			
	Mini METZENBAUM Scissors	PO887	5 mm	31 cm
				
	1/1			
	METZENBAUM Scissors	PO888	5 mm	31 cm
				
	1/1			
	METZENBAUM Scissors	PO889	5 mm	42 cm
				
	1/1			

Optional Handles- Interchangeable for 5 mm and 10 mm Instruments					
PO958R Quick-Snap™ Non-Ratchet	PO959R Quick-Snap™ Ratchet	PO960R Quick-Snap™ Non-Ratchet	PO961R Quick-Snap™ Ratchet	PM950R Insulated Metal Non-Ratchet	PM951R Insulated Metal Ratchet
     					

Dissecting & Grasping Forceps

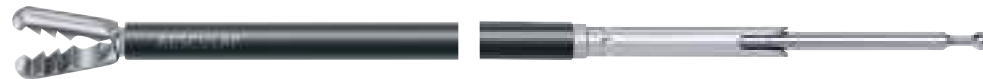


Box of 10	Description	Item No.	Diam.	Length
	MARYLAND Dissecting forceps	PO891SU	5 mm	31 cm



1/1

Pike mouth grasper	PO892SU	5 mm	31 cm
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1/1

Universal grasping forceps, fenestrated	PO893SU	5 mm	31 cm
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1/1

BABCOCK Grasping forceps	PO894SU	5 mm	31 cm
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1/1

Monopolar Instruments

Optional Handles- Interchangeable for 5 mm and 10 mm Instruments

PO958R Quick-Snap™ Non-Ratchet	PO959R Quick-Snap™ Ratchet	PO960R Quick-Snap™ Non-Ratchet	PO961R Quick-Snap™ Ratchet	PM950R Insulated Metal Non-Ratchet	PM951R Insulated Metal Ratchet
					



Jaw Construction

- Non-protruding joints help prevent sutures from getting caught inside joints and unintended tissue cauterization

PEEK Insulation

- PolyEtherEtherKetone (PEEK) provides durable insulation of handle and shaft
- Robust material maintains integrity during sterilization cycles



Modular Design

- Simple assembly and disassembly
- Complete disassembly of the instrument into four components for optimal cleaning
- Validated for sterilization while fully assembled

Cost Effective

- All handles and instrument jaw inserts are fully compatible and interchangeable
- If a component wears out, only the single part and not the entire instrument requires repair or replacement

Ergonomic Handle

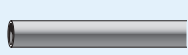
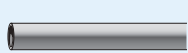
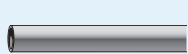
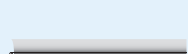
- Innovative design maintains surgeon comfort reduces hand fatigue
- Handle can be grasped in various positions
- Enlarged rotation knob with slip resistant ridges provides excellent control of the instrument
- Available in ratchet and non-ratchet styles

AdTec™ Reusable Monopolar Instruments

mini 3.5 mm

Complete Instrument				
	Description	Item No.	Diam.	Length
 1/1	METZENBAUM Scissors	PO300R	3.5 mm	29 cm
		PO320R	3.5 mm	20 cm
 1/1	Hook scissors	PO301R	3.5 mm	29 cm
		PO321R	3.5 mm	20 cm
 1/1	MARYLAND Dissecting forceps	PO302R	3.5 mm	29 cm
		PO322R	3.5 mm	20 cm
 1/1	Atraumatic dissecting forceps	PO303R	3.5 mm	29 cm
		PO323R	3.5 mm	20 cm
 1/1	Pyloric spreader	PO304R	3.5 mm	29 cm
		PO324R	3.5 mm	20 cm



Individual Components			Optional Handles - Interchangeable for 3.5 mm Instruments
Jaw Insert	Insulated Outer Tube	Standard Handle	
PO340R 	PM986P 	PO380R 	PO380 R (Quick-Snap™ Non-Ratchet) 
PO360R 	PM987P 		
PO341R 	PM986P 	PO380R 	PO381 R (Quick-Snap™ Ratchet) 
PO361R 	PM987P 		
PO342R 	PM986P 	PO380R 	
PO362R 	PM987P 		
PO343R 	PM986P 	PO380R 	
PO363R 	PM987P 		
PO344R 	PM986P 	PO380R 	
PO364R 	PM987P 		

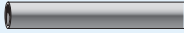
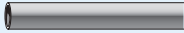
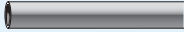
AdTec™ Reusable Monopolar Instruments

mini 3.5 mm



Complete Instrument				
	Description	Item No.	Diam.	Length
 1/1	DORSEY Intestinal forceps	PO305R	3.5 mm	29 cm
		PO325R	3.5 mm	20 cm
 1/1	Universal grasping forceps, fenestrated	PO306R	3.5 mm	29 cm
		PO326R	3.5 mm	20 cm
 1/1	BABCOCK Grasping forceps, double action	PO307R	3.5 mm	29 cm
		PO327R	3.5 mm	20 cm
 1/1	Biopsy forceps, fenestrated	PO308R	3.5 mm	29 cm
		PO328R	3.5 mm	20 cm
 1/1	Fundus grasper	PO309R	3.5 mm	29 cm
		PO329R	3.5 mm	20 cm



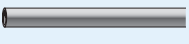
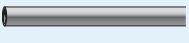
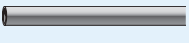
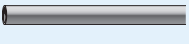
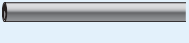
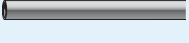
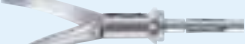
Individual Components			Optional Handles - Interchangeable for 3.5 mm Instruments
Jaw Insert	Insulated Outer Tube	Standard Handle	
PO345R 	PM986P 	PO381R 	PO380 R (Quick-Snap® Non-Ratchet) 
PO365R 	PM987P 		
PO346R 	PM986P 	PO381R 	PO381 R (Quick-Snap® Ratchet) 
PO366R 	PM987P 		
PO347R 	PM986P 	PO381R 	
PO367R 	PM987P 		
PO348R 	PM986P 		
PO368R 	PM987P 		
PO349R 	PM986P 		
PO369R 	PM987P 		

AdTec™ Reusable Monopolar Instruments

Scissors

Complete Instrument				
	Description	Item No.	Diam.	Length
 1/1	METZENBAUM Scissors, serrated tungsten carbide inserts, Noir™ coating	PO090R	5 mm	31 cm
 1/1	Mini METZENBAUM Scissors, serrated tungsten carbide inserts, Noir coating	PO091R	5 mm	31 cm
 1/1	METZENBAUM Scissors, serrated tungsten carbide inserts	Order by Component	5 mm	22 cm
		PO004R	5 mm	31 cm
		PO027R	5 mm	42 cm
 1/1	METZENBAUM Scissors, serrated tungsten carbide inserts insulated to tip	PM015R	5 mm	31 cm
 1/1	METZENBAUM Scissors, serrated tungsten carbide inserts	Order by Component	10 mm	31 cm



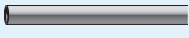
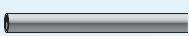
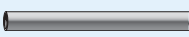
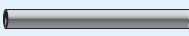
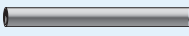
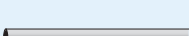
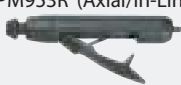
Individual Components			Optional Handles- Interchangeable for 5 mm and 10 mm Instruments
Jaw Insert	Insulated Outer Tube	Standard Handle	
PO790R 	PM973R 	PO958R 	PO958R (Quick-Snap™ Non-Ratchet) 
PO791R 	PM973R 	PO958R 	PO959R (Quick-Snap™ Ratchet) 
PO631R 	PM970R 	PO958R 	PO960R (Quick-Snap™ Non-Ratchet) 
PO603R 	PM973R 	PO958R 	PO961R (Quick-Snap™ Ratchet) 
PO746R 	PM981R 	PO958R 	PM950R (Insulated Metal Non-Ratchet) 
PM697R 	PM973R 	PM950R 	PM951R (Insulated Metal Ratchet) 
PM604R 	PM974R 	PO958R 	PM953R (Axial/In-Line) 
			PM954R (Ratchet) 
			PM957R (Ratchet with lock) 

AdTec™ Reusable Monopolar Instruments

Scissors

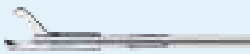
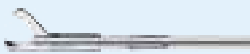
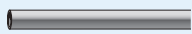
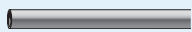
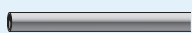
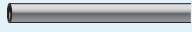
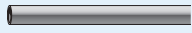
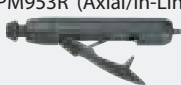
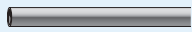
Complete Instrument				
	Description	Item No.	Diam.	Length
 1/1	Medium METZENBAUM Scissors, serrated, tungsten carbide inserts	PO030R	5 mm	31 cm
		PO031R	5 mm	42 cm
 1/1	Mini METZENBAUM Scissors, serrated, tungsten carbide inserts	PO023R	5 mm	22 cm
		PO011R	5 mm	31 cm
		PO028R	5 mm	42 cm
 1/1	Mini METZENBAUM Scissors, serrated, tungsten carbide inserts, insulated of the tip	PM016R	5 mm	31 cm
 1/1	Mini METZENBAUM Scissors, serrated, tungsten carbide inserts, insulated of the tip	Order by Component	5 mm	31 cm



Individual Components				Optional Handles- Interchangeable for 5 mm and 10 mm Instruments
Jaw Insert	Insulated Outer Tube	Standard Handle		
PO715R 	PM970R 	PO958R 		PO958R (Quick-Snap™ Non-Ratchet) 
PO716R 	PM981R 	PO958R 		PO959R (Quick-Snap™ Ratchet) 
PO738R 	PM970R 	PO958R 		PO960R (Quick-Snap™ Non-Ratchet) 
PO655R 	PM973R 	PO958R 		PO961R (Quick-Snap™ Ratchet) 
PO754R 	PM981R 	PO958R 		PM950R (Insulated Metal Non-Ratchet) 
PM698R 	PM973R 	PM950R 		PM951R (Insulated Metal Ratchet) 
PM710R 	PM973R 	PM950R 		PM953R (Axial/In-Line) 
				PM954R (Ratchet) 
				PM957R (Ratchet with lock) 

Complete Instrument				
	Description	Item No.	Diam.	Length
 1/1	Hook scissors	PO001R	5 mm	31 cm
		PO025R	5 mm	42 cm
 1/1	Peritoneal scissors, serrated	PO002R	5 mm	31 cm
 1/1	Peritoneal scissors with hook, serrated	PO006R	5 mm	31 cm
 1/1	Micro dissecting scissors	Order by Component	5 mm	22 cm
		PO003R	5 mm	31 cm
		Order by Component	5 mm	42 cm
 1/1	POTTSDEMARTELL Scissors	PO014R	10 mm	31 cm



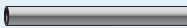
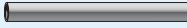
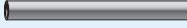
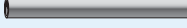
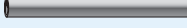
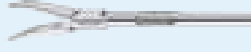
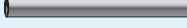
Individual Components			Optional Handles- Interchangeable for 5 mm and 10 mm Instruments
Jaw Insert	Insulated Outer Tube	Standard Handle	
PO600R 	PM973R 	PO958R 	PO958R (Quick-Snap® Non-Ratchet) 
PO744R 	PM981R 	PO958R 	PO959R (Quick-Snap® Ratchet) 
PO601R 	PM973R 	PO958R 	PO960R (Quick-Snap® Non-Ratchet) 
PO625R 	PM973R 	PO958R 	PO961R (Quick-Snap® Ratchet) 
PM630R 	PM970R 	PO958R 	PM950R (Insulated Metal Non-Ratchet) 
PO602R 	PM973R 	PO958R 	PM951R (Insulated Metal Ratchet) 
PO745R 	PM981R 	PO958R 	PM953R (Axial/In-Line) 
PO682R 	PM992R 	PO958R 	PM954R (Ratchet) 
			PM957R (Ratchet with lock) 

AdTec™ Reusable Monopolar Instruments

Dissecting Forceps

Complete Instrument				
	Description	Item No.	Diam.	Length
 1/1	MARYLAND Dissecting forceps	Order by Component	5 mm	22 cm
		PO102R	5 mm	31 cm
		PO202R	5 mm	42 cm
 1/1	MARYLAND Dissecting forceps insulated to tip	PM165R	5 mm	31 cm
 1/1	MARYLAND Dissecting forceps diamond serration	PO237R	5 mm	31 cm
		PO238R	5 mm	42 cm
 1/1	CROCE/OLMI Dissecting forceps, fenestrated	PO195R	5 mm	31 cm



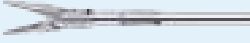
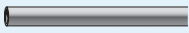
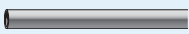
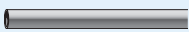
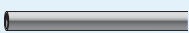
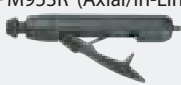
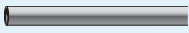
Individual Components				Optional Handles- Interchangeable for 5 mm and 10 mm Instruments
Jaw Insert	Insulated Outer Tube	Standard Handle		
PO632R 	PM970R 	PO958R 	PO958R (Quick-Snap™ Non-Ratchet) 	
PO608R 	PM973R 	PO958R 	PO959R (Quick-Snap™ Ratchet) 	
PO752R 	PM981R 	PO958R 	PO960R (Quick-Snap™ Non-Ratchet) 	
PM699R 	PM973R 	PM950R 	PO961R (Quick-Snap™ Ratchet) 	
PO717R 	PM973R 	PO958R 	PM950R (Insulated Metal Non-Ratchet) 	
PO718R 	PM981R 	PO958R 	PM951R (Insulated Metal Ratchet) 	
PO740R 	PM973R 	PO958R 	PM953R (Axial/In-Line) 	
			PM954R (Ratchet) 	
			PM957R (Ratchet with lock) 	

AdTec™ Reusable Monopolar Instruments

Dissecting Forceps

Complete Instrument				
	Description	Item No.	Diam.	Length
 1/1	Dolphin nose dissecting forceps	PO147R	5 mm	31 cm
 1/1	Atraumatic dissecting forceps, fine tip	PO100R	5 mm	31 cm
 1/1	Dissecting forceps, slim	Order by Component	5 mm	31 cm
 1/1	Dissecting forceps, slim	Order by Component	5 mm	31 cm
 1/1	Right angle 90° dissecting forceps	PO187R	5 mm	31 cm
 1/1	MIXTER 90° dissecting forceps	PO231R	5 mm	31 cm
 1/1	Duck bill blunt grasper	PO214R	5 mm	37 cm
 1/1	Duck bill dissecting forceps	PO151R	5 mm	31 cm



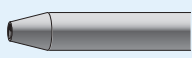
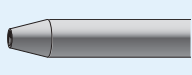
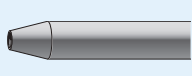
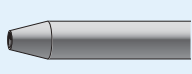
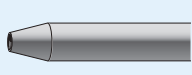
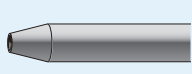
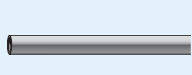
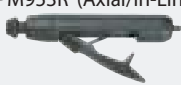
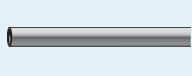
Individual Components			Optional Handles- Interchangeable for 5 mm and 10 mm Instruments
Jaw Insert	Insulated Outer Tube	Standard Handle	
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PO605R 	PM973R 	PO958R 	PO959R (Quick-Snap™ Ratchet) 
PM614R 	PM973R 	PO958R 	PO960R (Quick-Snap™ Non-Ratchet) 
PM647R 	PM973R 	PO958R 	PO961R (Quick-Snap™ Ratchet) 
PO730R 	PM973R 	PO958R 	PM950R (Insulated Metal Non-Ratchet) 
PO784R 	PM973R 	PO958R 	PM951R (Insulated Metal Ratchet) 
PO767R 	PM976R 	PO958R 	PM953R (Axial/In-Line) 
			PM954R (Ratchet) 
PO667R 	PM973R 	PO958R 	PM957R (Ratchet with lock) 

AdTec™ Reusable Monopolar Instruments

Dissecting Forceps

Complete Instrument				
	Description	Item No.	Diam.	Length
 1/1	OVERHOLT 90° dissecting forceps	PO103R	10 mm	31 cm
 1/1	OVERHOLT 90° dissecting forceps, insulated to tip	Order by Component	10 mm	37 cm
 1/1	OVERHOLT 90° dissecting forceps, fine tip	PO219R	10 mm	37 cm
 1/1	OVERHOLT 60° dissecting forceps	PO141R	10 mm	31 cm
 1/1	OVERHOLT 60° dissecting forceps, insulated to tip	Order by Component	10 mm	31 cm
 1/1	OVERHOLT 60° dissecting forceps, fine tip	PO220R	10 mm	37 cm
 1/1	CRILE Dissecting forceps, curved	PO218R	5 mm	31 cm
		PO213R	5 mm	37 cm



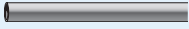
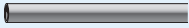
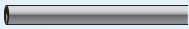
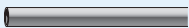
Individual Components			Optional Handles- Interchangeable for 5 mm and 10 mm Instruments
Jaw Insert	Insulated Outer Tube	Standard Handle	
PO606R 	PM975R 	PO958R 	PO958R (Quick-Snap™ Non-Ratchet) 
PM701R 	PM978R 	PM950R 	PO959R (Quick-Snap™ Ratchet) 
PO772R 	PM978R 	PO958R 	PO960R (Quick-Snap™ Non-Ratchet) 
PO661R 	PM975R 	PO958R 	PO961R (Quick-Snap™ Ratchet) 
PM700R 	PM975R 	PM950R 	PM950R (Insulated Metal Non-Ratchet) 
PO773R 	PM978R 	PO958R 	PM951R (Insulated Metal Ratchet) 
PO771R 	PM973R 	PO958R 	PM953R (Axial/In-Line) 
PO766R 	PM976R 	PO958R 	PM954R (Ratchet) 
			PM957R (Ratchet with lock) 

AdTec™ Reusable Monopolar Instruments

Grasping Forceps

Complete Instrument				
	Description	Item No.	Diam.	Length
 1/1	Alligator grasping forceps	PO109R	5 mm	31 cm
 1/1	Fixation forceps	PO127R	5 mm	31 cm
 1/1	Atraumatic wave grasper, single action	PO233R	5 mm	31 cm
		PO234R	5 mm	42 cm
 1/1	Atraumatic wave grasper, double action	PO235R	5 mm	31cm
		PO236R	5 mm	42cm



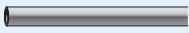
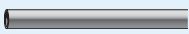
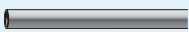
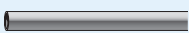
Individual Components			Optional Handles- Interchangeable for 5 mm and 10 mm Instruments
Jaw Insert	Insulated Outer Tube	Standard Handle	
PO615R 	PM973R 	PO959R 	PO958R (Quick-Snap™ Non-Ratchet) 
PO644R 	PM973R 	PO959R 	PO959R (Quick-Snap™ Ratchet) 
PO786R 	PM973R 	PO959R 	PO960R (Quick-Snap™ Non-Ratchet) 
PO787R 	PM981R 	PO959R 	PO961R (Quick-Snap™ Ratchet) 
PO788R 	PM973R 	PO959R 	PM950R (Insulated Metal Non-Ratchet) 
PO789R 	PM981R 	PO959R 	PM951R (Insulated Metal Ratchet) 
			PM953R (Axial/In-Line) 
			PM954R (Ratchet) 
			PM957R (Ratchet with lock) 

AdTec™ Reusable Monopolar Instruments

Grasping Forceps

Complete Instrument				
	Description	Item No.	Diam.	Length
 1/1	Fundus grasper	PO221R	5 mm	31 cm
		PO230R	5 mm	42 cm
 1/1	Bowel grasping forceps, fenestrated	PO216R	5 mm	31cm
		PO217R	5 mm	42 cm
 1/1	Universal grasping forceps, fenestrated	PO128R	5 mm	31 cm
		PO229R	5 mm	42 cm



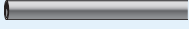
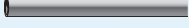
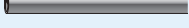
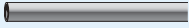
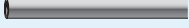
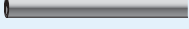
Individual Components			Optional Handles- Interchangeable for 5 mm and 10 mm Instruments
Jaw Insert	Insulated Outer Tube	Standard Handle	
PO774R 	PM973R 	PO959R 	PO958R (Quick-Snap™ Non-Ratchet) 
PO783R 	PM981R 	PO959R 	PO959R (Quick-Snap™ Ratchet) 
PO769R 	PM973R 	PO958R 	PO960R (Quick-Snap™ Non-Ratchet) 
PO770R 	PM981R 	PO958R 	PO961R (Quick-Snap™ Ratchet) 
PO647R 	PM973R 	PO959R 	PM950R (Insulated Metal Non-Ratchet) 
PO782R 	PM981R 	PO959R 	PM951R (Insulated Metal Ratchet) 
			PM953R (Axial/In-Line) 
			PM954R (Ratchet) 
			PM957R (Ratchet with lock) 

AdTec™ Reusable Monopolar Instruments

Grasping Forceps

Complete Instrument				
	Description	Item No.	Diam.	Length
 1/1	Universal grasper, fenestrated	PO191R	5 mm	31 cm
 1/1	CROCE/OLMI Atraumatic forceps	PO185R	5 mm	31 cm
 1/1	CROCE/OLMI Atraumatic forceps, fenestrated	PO232R	5 mm	31 cm
 1/1	Short grasper, fenestrated	PO222R	5 mm	31 cm
		PO223R	5 mm	42 cm
 1/1	DORSEY Intestinal forceps	PO112R	5 mm	31 cm
		Order by Component	5 mm	37 cm
		PO204R	5 mm	42 cm



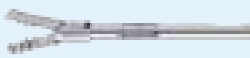
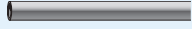
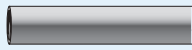
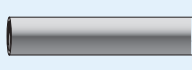
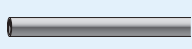
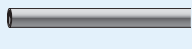
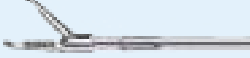
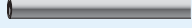
Individual Components			Optional Handles- Interchangeable for 5 mm and 10 mm Instruments
Jaw Insert	Insulated Outer Tube	Standard Handle	
PO736R 	PM973R 	PO959R 	PO958R (Quick-Snap™ Non-Ratchet) 
PO728R 	PM973R 	PO959R 	PO959R (Quick-Snap™ Ratchet) 
PO785R 	PM973R 	PO959R 	PO960R (Quick-Snap™ Non-Ratchet) 
PO775R 	PM973R 	PO959R 	PO961R (Quick-Snap™ Ratchet) 
PO776R 	PM981R 	PO959R 	PM950R (Insulated Metal Non-Ratchet) 
PO618R 	PM973R 	PO959R 	PM951R (Insulated Metal Ratchet) 
PM618R 	PM976R 	PO959R 	PM953R (Axial/In-Line) 
PO755R 	PM981R 	PO959R 	PM954R (Ratchet) 
			PM957R (Ratchet with lock) 

AdTec™ Reusable Monopolar Instruments

Grasping Forceps

Complete Instrument				
	Description	Item No.	Diam.	Length
 1/1	Pike mouth grasper	Order by Component	5 mm	22 cm
		PO107R	5 mm	31 cm
 1/1	Pike mouth grasper	Order by Component	10 mm	31 cm
 1/1	Claw grasper, 2 x 3 teeth	PO117R	10 mm	31 cm
 1/1	Grasping forceps, 2 x 4 teeth	PO132R	5 mm	31 cm
		PO201R	5 mm	42 cm
 1/1	Grasping forceps, 1 x 2 teeth	Order by Component	5 mm	31 cm
 1/1	Grasping forceps, fine teeth	PO134R	5 mm	31 cm



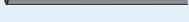
Individual Components			Optional Handles- Interchangeable for 5 mm and 10 mm Instruments
Jaw Insert	Insulated Outer Tube	Standard Handle	
PO634R 	PM970R 	PO959R 	PO958R (Quick-Snap™ Non-Ratchet) 
PO613R 	PM973R 	PO959R 	PO959R (Quick-Snap™ Ratchet) 
PM621R 	PM974R 	PO959R 	PO960R (Quick-Snap™ Non-Ratchet) 
PO623R 	PM974R 	PO959R 	PO961R (Quick-Snap™ Ratchet) 
PO648R 	PM973R 	PO959R 	PM950R (Insulated Metal Non-Ratchet) 
PO749R 	PM981R 	PO959R 	PM951R (Insulated Metal Ratchet) 
PM649R 	PM973R 	PO959R 	PM953R (Axial/In-Line) 
PO650R 	PM973R 	PO959R 	PM954R (Ratchet) 
			PM957R (Ratchet with lock) 

AdTec™ Reusable Monopolar Instruments

Grasping Forceps

Complete Instrument				
	Description	Item No.	Diam.	Length
 1/1	BABCOCK Grasping forceps, single action	PO113R	5 mm	31 cm
 1/1	BABCOCK Grasping forceps, single action For use with flexible 13 mm trocars	Order by Component	5 mm	31 cm
 1/1	BABCOCK Grasping forceps, single action	PO114R	10 mm	31 cm
		PO205R	10 mm	42 cm
 1/1	BABCOCK Grasping forceps, double action	PO212R	5 mm	31 cm
		PO209R	5 mm	42 cm
 1/1	BABCOCK Grasping forceps, double action	PO196R	10 mm	37 cm
 1/1	MEYER Grasping forceps, jaw length 90 mm	PO197R	10 mm	37 cm



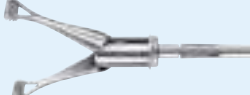
Individual Components			Optional Handles- Interchangeable for 5 mm and 10 mm Instruments
Jaw Insert	Insulated Outer Tube	Standard Handle	
PO619R 	PM973R 	PO959R 	PO958R (Quick-Snap™ Non-Ratchet) 
PM640R 	PM973R 	PO959R 	PO959R (Quick-Snap™ Ratchet) 
PO620R 	PM974R 	PO959R 	PO960R (Quick-Snap™ Non-Ratchet) 
PO757R 	PM982R 	PO959R 	PO961R (Quick-Snap™ Ratchet) 
PO765R 	PM973R 	PO959R 	PM950R (Insulated Metal Non-Ratchet) 
PO762R 	PM981R 	PO959R 	PM951R (Insulated Metal Ratchet) 
PO741R 	PM977R 	PO959R 	PM953R (Axial/In-Line) 
PO742R 	PM977R 	PO959R 	PM954R (Ratchet) 
			PM957R (Ratchet with lock) 

AdTec™ Reusable Monopolar Instruments

Grasping Forceps

Complete Instrument				
	Description	Item No.	Diam.	Length
 1/1	ALLIS Atraumatic grasping forceps	PO104R	5 mm	31 cm
 1/1	ALLIS Atraumatic grasping forceps For use with flexible 13 mm trocars	Order by Component	5 mm	31 cm
 1/1	LINDER Lung grasping forceps For use with flexible 13 mm trocars	Order by Component	5 mm	22 cm
		Order by Component	5 mm	31 cm
 1/1	DUVAL Atraumatic parenchyma fixation forceps	Order by Component	5 mm	31 cm
 1/1	DUVAL Atraumatic parenchyma fixation forceps	Order by Component	10 mm	37 cm
 1/1	KIEFER Atraumatic universal forceps, fenestrated	PO188R	10 mm	31 cm
 1/1	GLASSMAN Clamping forceps, jaw length 60 mm	PO215R	10 mm	31 cm



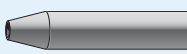
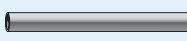
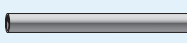
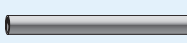
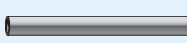
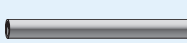
Individual Components			Optional Handles- Interchangeable for 5 mm and 10 mm Instruments
Jaw Insert	Insulated Outer Tube	Standard Handle	
PO610R 	PM973R 	PO958R 	PO958R (Quick-Snap® Non-Ratchet) 
PM670R 	PM973R 	PO959R 	PO959R (Quick-Snap® Ratchet) 
PM696R 	PM970R 	PO958R 	PO960R (Quick-Snap® Non-Ratchet) 
PM687R 	PM973R 	PO958R 	PO961R (Quick-Snap® Ratchet) 
PM609R 	PM973R 	PO959R 	PM950R (Insulated Metal Non-Ratchet) 
PM612R 	PM977R 	PO959R 	PM951R (Insulated Metal Ratchet) 
PO731R 	PM975R 	PO959R 	PM953R (Axial/In-Line) 
PO768R 	PM974R 	PO959R 	PM954R (Ratchet) 
			PM957R (Ratchet with lock) 

AdTec™ Reusable Monopolar Instruments

Grasping Forceps

Complete Instrument				
	Description	Item No.	Diam.	Length
 1/1	CROCE/OLMI Fixation forceps	PO186R	5 mm	31 cm
 1/1	HEYWOOD-SMITH Tissue grasping forceps	PO105R	10 mm	31 cm
 1/1	PENNINGTON Tissue grasping forceps	Order by Component	10 mm	37 cm
 1/1	Curved grasper	PO211R	5 mm	31 cm
		PO208R	5 mm	42 cm
 1/1	Fixation forceps, fenestrated, fine serration	PO149R	5 mm	31 cm
 1/1	Fixation forceps, fenestrated, medium size serration	PO206R	5 mm	31 cm
 1/1	Atraumatic grasping forceps, fenestrated	PO130R	5 mm	31 cm



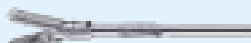
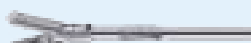
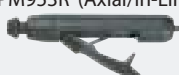
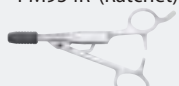
Individual Components				Optional Handles- Interchangeable for 5 mm and 10 mm Instruments
Jaw Insert	Insulated Outer Tube	Standard Handle		
PO729R 	PM973R 	PO959R 	PO958R (Quick-Snap™ Non-Ratchet) 	
PO611R 	PM975R 	PO959R 	PO959R (Quick-Snap™ Ratchet) 	
PM679R 	PM977R 	PO959R 	PO960R (Quick-Snap™ Non-Ratchet) 	
PO764R 	PM973R 	PO958R 	PO961R (Quick-Snap™ Ratchet) 	
PO761R 	PM981R 	PO958R 	PM950R (Insulated Metal Non-Ratchet) 	
PO680R 	PM973R 	PO958R 	PM951R (Insulated Metal Ratchet) 	
PO758R 	PM973R 	PO958R 	PM953R (Axial/In-Line) 	
PO646R 	PM973R 	PO958R 	PM954R (Ratchet) 	
			PM957R (Ratchet with lock) 	

AdTec™ Reusable Monopolar Instruments

Grasping Forceps

Complete Instrument				
	Description	Item No.	Diam.	Length
		Order by Component		
 1/1	Atraumatic fixation forceps		5 mm	22 cm
		PO101R	5 mm	31 cm
		PO199R	5 mm	42 cm
 1/1	Bullet nose grasper	PO190R	5 mm	31 cm
		PO203R	5 mm	42 cm



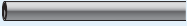
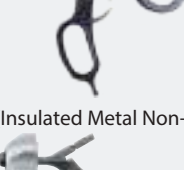
Individual Components			Optional Handles- Interchangeable for 5 mm and 10 mm Instruments
Jaw Insert	Insulated Outer Tube	Standard Handle	
PO633R 	PM970R 	PO958R 	PO958R (Quick-Snap® Non-Ratchet) 
PO607R 	PM973R 	PO958R 	PO959R (Quick-Snap® Ratchet) 
PO747R 	PM981R 	PO958R 	PO960R (Quick-Snap® Non-Ratchet) 
PO735R 	PM973R 	PO958R 	PO961 R (Quick-Snap® Ratchet) 
PO753R 	PM981R 	PO958R 	PM950R (Insulated Metal Non-Ratchet) 
			PM951R (Insulated Metal Ratchet) 
			PM953R (Axial/In-Line) 
			PM954R (Ratchet) 
			PM957R (Ratchet with lock) 

AdTec™ Reusable Monopolar Instruments

Grasping Forceps

Complete Instrument				
	Description	Item No.	Diam.	Length
 1/1	Tube fixation forceps	PO129R	5 mm	31 cm
		PO200R	5 mm	42 cm
 1/1	Oval grasper	PO210R	5 mm	31 cm
		PO207R	5 mm	42 cm
 1/1	Fixation forceps	Order by Component	10 mm	31 cm
 1/1	MASSOUND Delicate forceps For use with flexible 13 mm trocars	PO189R	5 mm	31 cm
 1/1	ALLIS Grasping forceps	PO111R	5 mm	31 cm



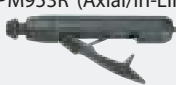
Individual Components			Optional Handles- Interchangeable for 5 mm and 10 mm Instruments
Jaw Insert	Insulated Outer Tube	Standard Handle	
PO645R 	PM973R 	PO958R 	PO958R (Quick-Snap™ Non-Ratchet) 
PO748R 	PM981R 	PO958R 	PO959R (Quick-Snap™ Ratchet) 
PO763R 	PM973R 	PO958R 	PO960R (Quick-Snap™ Non-Ratchet) 
PO760R 	PM981R 	PO958R 	PO961R (Quick-Snap™ Ratchet) 
PM681R 	PM974R 	PO959R 	PM950R (Insulated Metal Non-Ratchet) 
PO734R 	PM973R 	PO958R 	PM951R (Insulated Metal Ratchet) 
PO617R 	PM973R 	PO959R 	PM953R (Axial/In-Line) 
			PM954R (Ratchet) 
			PM957R (Ratchet with lock) 

AdTec™ Reusable Monopolar Instruments

Grasping Forceps

Complete Instrument				
	Description	Item No.	Diam.	Length
 1/1	Tenaculum forceps	PO224R	5 mm	31 cm
 1/1	Tenaculum forceps	PO225R	10 mm	31 cm
 1/1	Lymph node grasping forceps	PO194R	5 mm	22 cm
 1/1	Lymph node fixation forceps	Order by Component	10 mm	31 cm



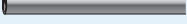
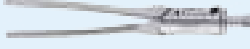
Individual Components				Optional Handles- Interchangeable for 5 mm and 10 mm Instruments
Jaw Insert	Insulated Outer Tube	Standard Handle		
PO777R 	PM973R 	PO959R 	PO958R (Quick-Snap™ Non-Ratchet) 	
PO778R 	PM974R 	PO959R 	PO959R (Quick-Snap™ Ratchet) 	
PO739R 	PM970R 	PO959R 	PO960R (Quick-Snap™ Non-Ratchet) 	
PM688R 	PM974R 	PO959R 	PO961R (Quick-Snap™ Ratchet) 	
			PM950R (Insulated Metal Non-Ratchet) 	
			PM951R (Insulated Metal Ratchet) 	
			PM953R (Axial/In-Line) 	
			PM954R (Ratchet) 	
			PM957R (Ratchet with lock) 	

AdTec™ Reusable Monopolar Instruments

Grasping Forceps

Complete Instrument				
	Description	Item No.	Diam.	Length
 1/1	DE BAKEY Atraumatic forceps, jaw length 40 mm	Order by Component	5 mm	31 cm
 1/1	DE BAKEY Atraumatic forceps, jaw length 50 mm	PO137R	5 mm	42 cm
 1/1	DE BAKEY Atraumatic forceps, jaw length 65 mm	Order by Component	5 mm	31 cm
 1/1	DE BAKEY Atraumatic forceps, jaw length 30 mm	Order by Component	10 mm	37 cm
 1/1	DE BAKEY Atraumatic forceps, jaw length 50 mm	Order by Component	10 mm	22 cm
		PO118R	10 mm	37 cm



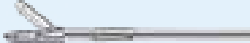
Individual Components			Optional Handles- Interchangeable for 5 mm and 10 mm Instruments
Jaw Insert	Insulated Outer Tube	Standard Handle	
PM657R 	PM973R 	PO959R 	PO958R (Quick-Snap® Non-Ratchet) 
PO657R 	PM981R 	PO959R 	PO959R (Quick-Snap® Ratchet) 
PM658R 	PM973R 	PO959R 	PO960R (Quick-Snap® Non-Ratchet) 
PM651R 	PM977R 	PO959R 	PO961R (Quick-Snap® Ratchet) 
PM712R 	PM992R 	PM959R 	PM950R (Insulated Metal Non-Ratchet) 
PO624R 	PM977R 	PO959R 	PM951R (Insulated Metal Ratchet) 
			PM953R (Axial/In-Line) 
			PM954R (Ratchet) 
			PM957R (Ratchet with lock) 

AdTec™ Reusable Monopolar Instruments

Biopsy Forceps

Complete Instrument				
	Description	Item No.	Diam.	Length
 1/1	Large biopsy forceps	PO500R	10 mm	31 cm
 1/1	Biopsy forceps, fenestrated	PO501R	5 mm	31 cm
		PO509R	5 mm	42 cm
 1/1	Biopsy forceps with teeth	PO505R	5 mm	31 cm
		PO511R	5 mm	42 cm



Individual Components			Optional Handles- Interchangeable for 5 mm and 10 mm Instruments
Jaw Insert	Insulated Outer Tube	Standard Handle	
PO705R 	PM974R 	PO958R 	PO958R (Quick-Snap™ Non-Ratchet) 
PO626R 	PM973R 	PO958R 	PO959R (Quick-Snap™ Ratchet) 
PO750R 	PM981R 	PO958R 	PO960R (Quick-Snap™ Non-Ratchet) 
PO652R 	PM973R 	PO958R 	PO961R (Quick-Snap™ Ratchet) 
PO756R 	PM981R 	PO958R 	PM950R (Insulated Metal Non-Ratchet) 
			PM951R (Insulated Metal Ratchet) 
			PM953R (Axial/In-Line) 
			PM954R (Ratchet) 
			PM957R (Ratchet with lock) 

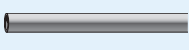
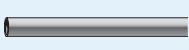
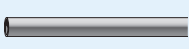
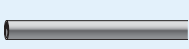
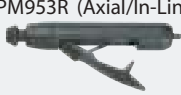
AdTec™ Reusable Monopolar Instruments

Biopsy Forceps

Monopolar Instruments

Complete Instrument				
Description		Item No.	Diam.	Length
 1/1	Biopsy punch forceps	Order by Component	5 mm	22 cm
		PO502R	5 mm	31 cm
		PO512R	5 mm	42 cm
 1/1	Biopsy punch forceps	Order by Component	5 mm	31 cm
		PO510R	5 mm	42 cm



Individual Components			Optional Handles- Interchangeable for 5 mm and 10 mm Instruments
Jaw Insert	Insulated Outer Tube	Standard Handle	
PM635R 	PM970R 	PO958R 	PO958R (Quick-Snap™ Non-Ratchet) 
PO627R 	PM973R 	PO958R 	PO959R (Quick-Snap™ Ratchet) 
PO759R 	PM981R 	PO958R 	PO960R (Quick-Snap™ Non-Ratchet) 
PM653R 	PM973R 	PO958R 	PO961R (Quick-Snap™ Ratchet) 
PO751R 	PM981R 	PO958R 	PM950R (Insulated Metal Non-Ratchet) 
			PM951R (Insulated Metal Ratchet) 
			PM953R (Axial/In-Line) 
			PM954R (Ratchet) 
			PM957R (Ratchet with lock) 

AdTec™ Reusable Monopolar Instruments

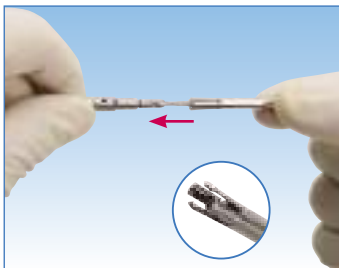
Spare Parts

3.5 mm Instruments		Item No.	Diam.	Length
		PO362810	3.5 mm	20 cm
		PO342810	3.5 mm	29 cm
		PM987P	3.5/3.5 mm	20 cm
		PM986P	3.5/3.5 mm	29 cm
5 mm and 10 mm Instruments		Item No.	Diam.	Length
		PM630201	-	22 cm
		PM600201	-	31 cm
		PM618201	-	37 cm
		PM434201	-	42 cm
		PM970R	5/5 mm	22 cm
		PM971R	5/10 mm	22 cm
		PM992R	10/10 mm	22 cm
		PM973R	5/5 mm	31 cm
		PM975R	5/10 mm	31 cm
		PM974R	10/10 mm	31 cm
		PM976R	5/5 mm	37 cm
		PM978R	5/10 mm	37 cm
		PM977R	10/10 mm	37 cm
		PM981R	5/5 mm	42 cm
		PM982R	10/10 mm	42 cm

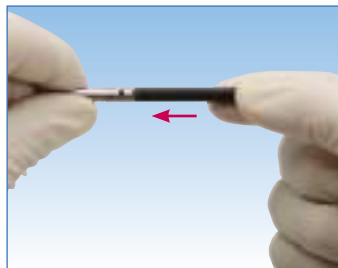
HF Contact Pin	Description	Item No.
	PO handles package of 5 pieces	PO950400
	PM handles and monopolar electrode package of 5 pieces	PL170251
Rotation Knobs	Description	Item No.
	Rotation knob for PM950R and PM951R only. Package of 5 pieces	PM950250
Reusable Monopolar Cables	Description	Item No.
	Erbe T, Wolf, 12 ft.	GK245
	Bovie, Conmed, Valleylab, 10 ft.	US354
	Disposable Monopolar Cord, 10 ft.	US357SU

Instructions for quick and easy assembly and disassembly For use with PM950R and PM951R insulated metal handles

Assembly



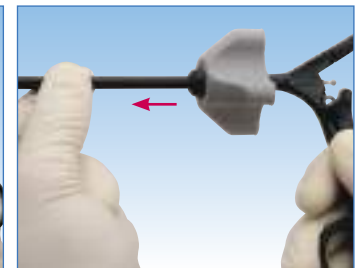
STEP 1
Slide the inner metal tube onto the jaw insert with its four spring tongues towards the working end until the tongues snap into place.



STEP 2
Slide the outer insulation tube as far as it will go over the inner metal tube.



STEP 3
Hold the shaft firmly by its tip and pull back the handle rotation knob with fingers and maintain hold. Fully insert the shaft and release the rotation knob. repeat step 3 and step 4.



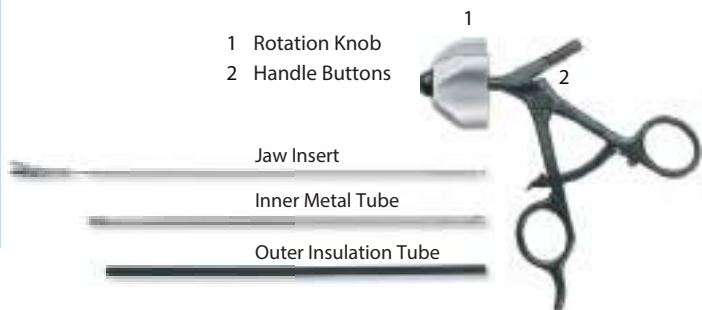
STEP 4
Test that the instrument is secured in the handle by pulling on the shaft. If the shaft pulls out of the handle, then the shaft and release the rotation knob. repeat step 3 and step 4.



STEP 5
Connect the handle with the jaw insert ball joint, by depressing the black handle buttons on both sides of the handle. Continue to depress and lift the rear ring of the handle under the ball joint of the jaw insert until captured by the handle. Release the buttons.



STEP 6
Test the assembly of the instrument by opening and closing the handle to ensure the jaw is opening and closing with handle movement.



Maintenance:

This product can be sterilized in a disassembled or assembled condition
For advice on cleaning, disinfection and sterilization, please follow the instructions for use found at www.aesculapusa.com/IFU

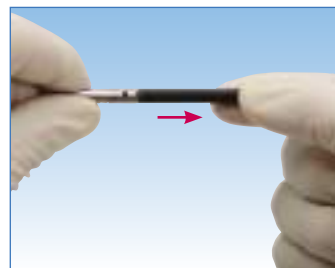
Disassembly



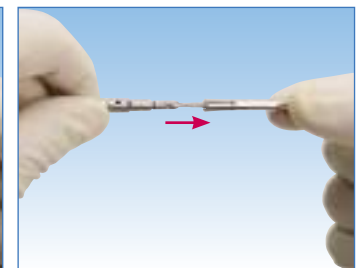
STEP 1
Depress the black handle buttons on both sides of handle, continue to depress, pull rear ring down to release ball of jaw insert. Release the buttons.



STEP 2
Pull back the rotation knob and pull out the shaft with other hand. Release the rotation knob.



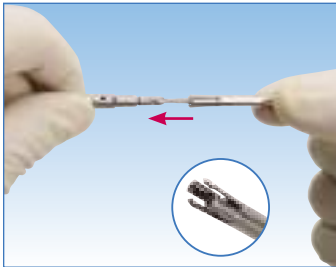
STEP 3
Hold the jaw insert at the tip and remove the outer insulation tube.



STEP 4
Hold the jaw insert at the tip and remove the inner metal tube.

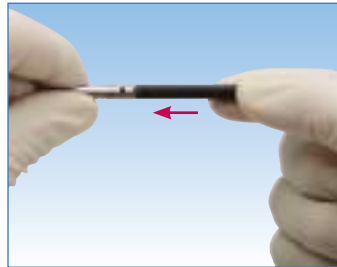
Instructions for quick and easy assembly and disassembly For use with QUICK-SNAP™ PO958R and PO959R handles

Assembly



STEP 1

Slide the inner metal tube onto the jaw insert with its four spring tongues towards the working end until the tongues snap into place.



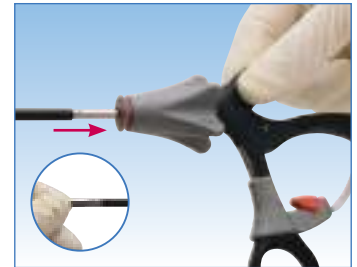
STEP 2

Slide the outer insulation tube as far as it will go over the inner metal tube.



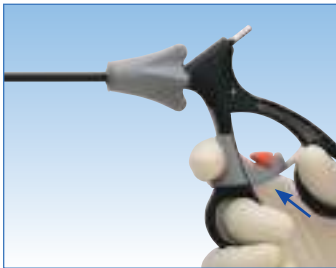
STEP 3

If the red ring is not visible, pull the rotation knob back. If you are using the ratchet style handle, deactivate the ratchet by flipping down the red toggle switch.



STEP 4

Hold the shaft firmly by its tip and the handle behind the rotation knob. Push the shaft into the handle until it locks in place and the red ring disappears. Note: Do not hold onto the movable handle component.



STEP 5

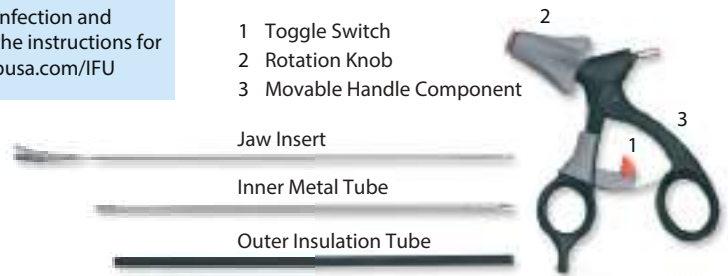
Test the assembly of the instrument by opening and closing the handle to ensure the jaw is opening and closing with handle movement.

Maintenance:

This product can be sterilized in a disassembled or assembled condition

For advice on cleaning, disinfection and sterilization, please follow the instructions for use found at www.aesculapusa.com/IFU

- 1 Toggle Switch
- 2 Rotation Knob
- 3 Movable Handle Component



Disassembly



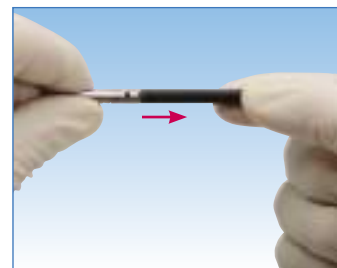
STEP 1

If ratchet style handle, deactivate the ratchet by flipping down the red toggle switch.



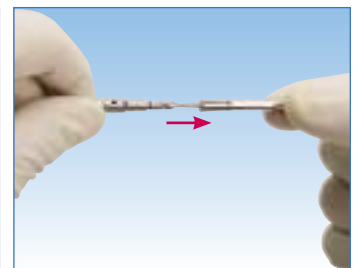
STEP 2

Pull the rotation knob back until it locks into place. A red ring will become visible. Once visible remove the shaft by pulling the instrument shaft out of the handle.



STEP 3

Hold the jaw insert at the tip and remove the outer insulation tube.



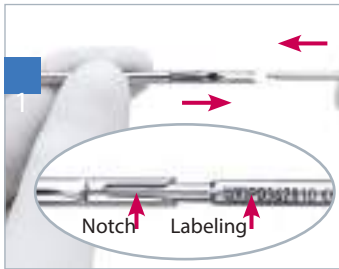
STEP 4

Hold the jaw insert at the tip and remove the inner metal tube.

AdTec™ mini Reusable Monopolar Instruments

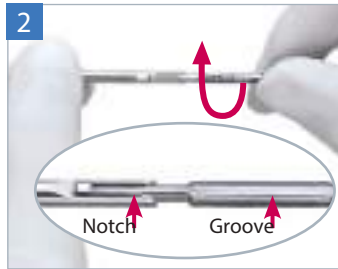
Instructions for quick and easy assembly and disassembly
For use with QUICK-SNAP™ PO380R and PO381R handles

Assembly



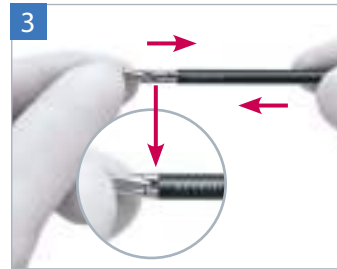
Assemble shaft

Slide the push rod into the jaw insert as far as it will go making sure that the labeling on the push rod is in line with the notch of the jaw insert.



Assemble shaft

Rotate the push rod 90° clockwise until it locks into place. The groove is then in line with the jaw insert.



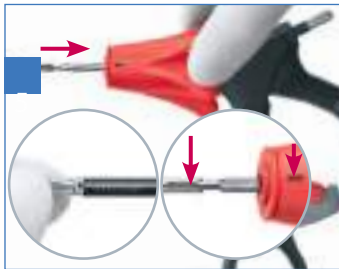
Assemble shaft

Slide the outer tube as far as it will go



Deactivate ratchet on ratchet handle

Flip down the red toggle switch.



Connect shaft and handle

Hold the tip of the shaft and the rotation knob of the handle firmly. Slide the shaft into the handle until it locks into place, making sure that the jaw insert notch is in line with the mark on the rotating knob.

Important: Do not touch the movable part of the handle.



Function test

Test the assembly of the instrument by opening and closing the handle to ensure the jaw is functioning properly.

Disassembly



Deactivate ratchet on ratchet handle

Flip down red toggle switch.



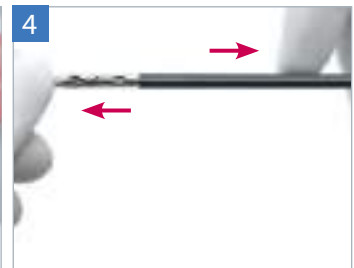
Disconnect shaft and handle

Pull rotation knob back and let movable part of the handle move downwards.



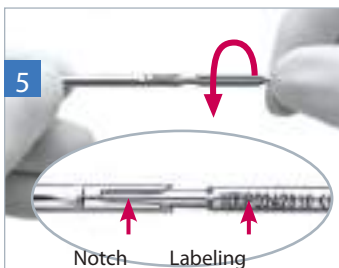
Remove shaft from handle

Remove the shaft by pulling the instrument shaft out of the handle.



Disassemble shaft

Hold the jaw insert at the tip and remove the outer tube.



Disassemble shaft

Rotate the push rod 90° counterclockwise until the labeling is in line with the notch of the jaw part.



Disassemble shaft

Remove the push rod.

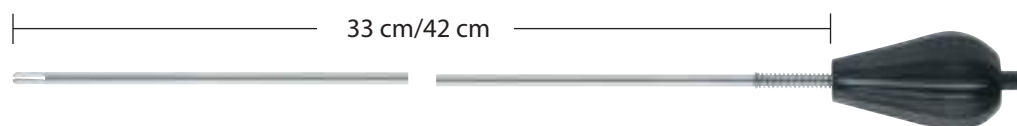
Monopolar Electrodes

Monopolar Electrodes	Description	Item No.	Diam.	Length
	Handle for monopolar laparoscopy electrodes	GK372R	5 mm	33 cm
		GK374R	5 mm	42 cm

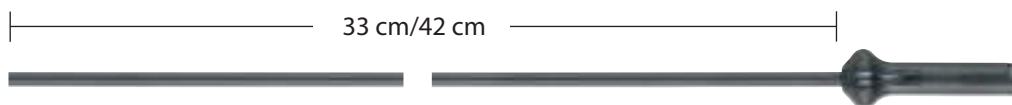


	J Hook electrode tip	GK383R		
	L Hook electrode tip	GK384R		
	Ball electrode tip	GK385R		
	Spatula electrode tip	GK386R		

Spare Parts (Components of GK372R / GK374R)	Description	Item No.	Diam.	Length
	Handle with inner tube	GK373R	5 mm	33 cm
		GK375R	5 mm	42 cm



	Separate outer tube	GK370P	5 mm	33 cm
		GK376P	5 mm	42 cm



Monopolar Electrode	Description	Item No.	Diam.	Length
	L-Hookelectrode for use withelectrode handle GN230	GK397R	3.5 mm	20 cm
		GK398R	3.5 mm	29 cm
	Electrodehandle for use withelectrodes GK397R/GK398R and Aesculap, Berchtold, Conmed, Martin and Valleylabgenerators	GN230		



Bipolar Single Use Instruments

- Excellent coagulation results
- Jaws feature ceramic insulation
- Insulated to the tip
- Non-protruding joints
- Ergonomic handle design
- One-to-one tactile feedback
- Compatible with all bipolar generators

Scissors (box of 6)	Description	Item No.	Diam.	Length
 1/1	METZENBAUM Scissors	PL700	5 mm	31 cm



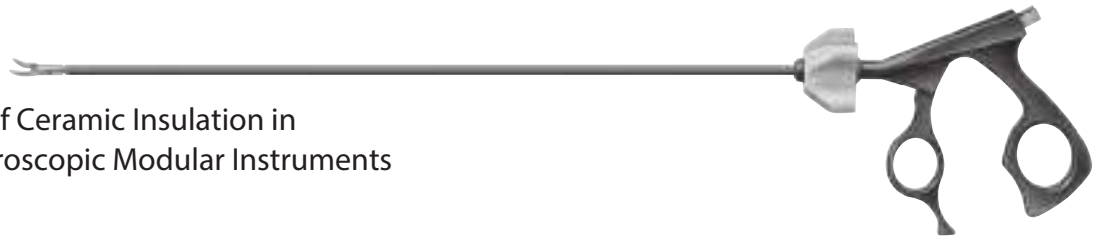
Forceps (box of 6)	Description	Item No.	Diam.	Length
 1/1	MARYLAND Dissection forceps, fenestrated	PL701	5 mm	31 cm
 1/1	MARYLAND Dissection forceps	PL702SU	5 mm	31 cm
 1/1	Macro grasping forceps	PL703SU	5 mm	31 cm



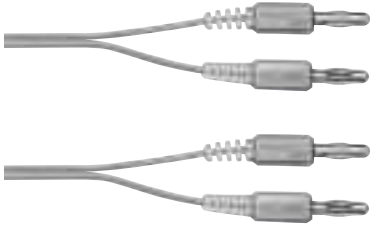
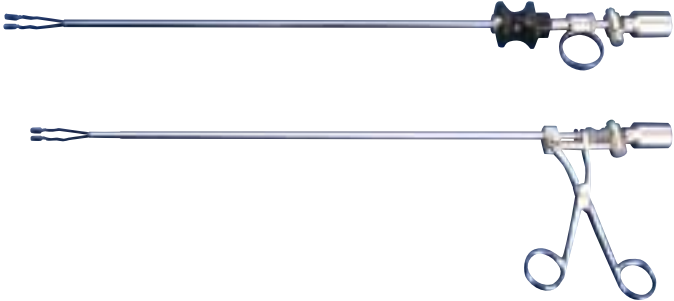
Bipolar Cables (box of 10)	Description	Item No.
	Disposable bipolar cable for Bovie, Conmed, Valleylab, 12 ft.	US349SP

AdTec™ Reusable Bipolar Instruments

The enhanced safety of Ceramic Insulation in
Reusable Bipolar Laparoscopic Modular Instruments



	Complete Instrument	Individual Components		
		Jaw Insert	Insulated Outer Tube	Standard Handle
 1/1	PM409R - METZENBAUM Scissors, 5 mm, 22 cm	PM439R	PM970R	PM450R
	PM400R - METZENBAUM Scissors, 5 mm, 31 cm	PM430R	PM973R	PM450R
	PM404R - METZENBAUM Scissors, 5 mm, 42 cm	PM434R	PM981R	PM450R
 1/1	PM414R - Mini METZENBAUM Scissors, 5 mm, 22 cm	PM444R	PM970R	PM450R
	PM407R - Mini METZENBAUM Scissors, 5 mm, 31 cm	PM437R	PM973R	PM450R
 1/1	PM410R - MARYLAND dissecting forceps, 5 mm, 22 cm	PM440R	PM970R	PM450R
	PM401R - MARYLAND dissecting forceps, 5 mm, 31 cm	PM431R	PM973R	PM450R
	PM405R - MARYLAND dissecting forceps, 5 mm, 42 cm	PM435R	PM981R	PM450R
 1/1	PM413R - MARYLAND dissecting forceps, fenestrated, 5 mm, 22 cm	PM443R	PM970R	PM450R
	PM408R - MARYLAND dissecting forceps, fenestrated, 5 mm, 31 cm	PM438R	PM973R	PM450R
	PM415R - MARYLAND dissecting forceps, fenestrated, 5 mm, 42 cm	PM445R	PM981R	PM450R
 1/1	PM402R - Micro forceps, 5 mm, 31 cm	PM432R	PM973R	PM450R
	PM412R - Macro forceps, 5 mm, 22 cm	PM442R	PM970R	PM450R
 1/1	PM403R - Macro forceps, 5 mm, 31 cm	PM433R	PM973R	PM450R
	PM406R - Macro forceps, 5 mm, 42 cm	PM436R	PM981R	PM450R
	PM433220 - Jaw protection cap			

Bipolar Cables		Description	Item No.	
		Disposable bipolar cable for Bovie, Conmed, Valleylab, Box of 10, 12 ft.	US349SP	
		Reusable bipolar cable for Bovie, Conmed, Valleylab, 12 ft.	US359	
Classic "Kleppinger-Style" Forceps for Tubal Ligation		Description	Item No.	
			32 cm	45 cm
		Syringe handle forceps	MF970	MF980
		Scissors handle forceps	MF975	MF985
		Jaw insert only	MF971	MF981
		MF966 Reusable bipolar cable for Wolf		
		MF967 Reusable bipolar cable for Bovie, Conmed, Valleylab		
		MF979 Reusable sealing cap for scissors handle forceps (box of 10)		

Assembly



1. Assemble Shaft I

Slide the metal inner tube onto the jaw insert with its four spring tongues towards the working end until the tongues snap in place.

2. Assemble Shaft II

Slide the outer insulation tube as far as it will go over the inner metal tube.

3. Prepare Handle

Push the grey rotation knob onto the handle from the front. Bring the movable handle component into its forward position.

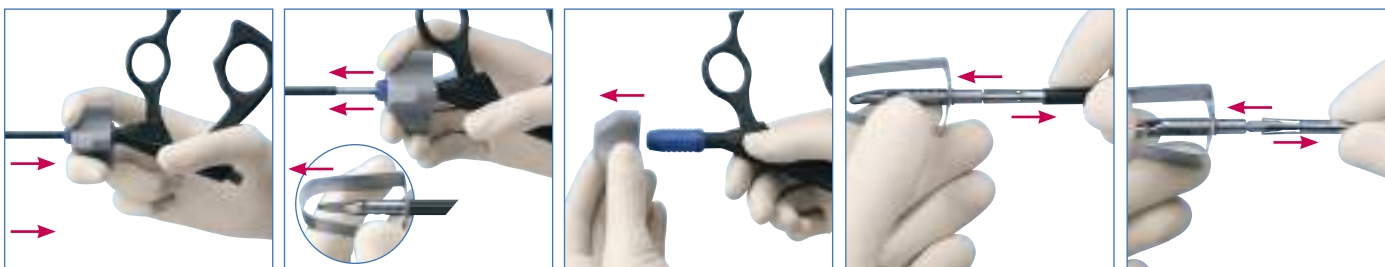
4. Connect Shaft and Handle

Pull the rotation knob back and hold it. Hold the shaft firmly by its protecting cap and push it into the handle. Release the rotation knob, which moves forward.
Important: Do not hold on to the movable handle component.

5. Function Test

Test the assembly of the instrument by opening and closing the handle to ensure the jaw is opening and closing.

Disassembly



1. Disconnect Shaft and Handle

Pull the rotation knob back and hold it in this position.

2. Remove Shaft from Handle

Hold the jaw insert firmly by its protecting cap and pull it out of the handle.
Important: Do not hold on to the movable handle component.

3. Disassemble Handle

Pull the grey rotation knob forwards off the handle.

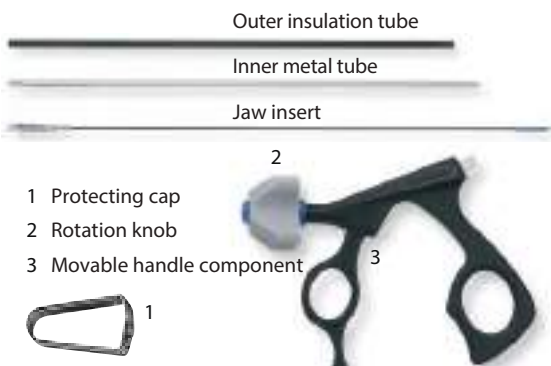
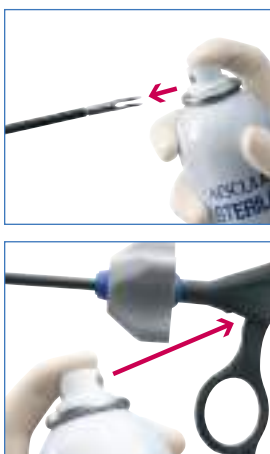
4. Disassemble Shaft I

Hold the jaw insert at the protecting cap and remove the outer insulation tube.

5. Disassemble Shaft II

Hold the jaw insert at the protecting cap and remove the inner metal tube.

Care



Lubricate the defined places on the instruments (instruments jaw and red toggle switch) with Aesculap Sterilit® Oil after each cleaning cycle.

Reprocessing & Accessories

Reprocess the product immediately after use.
The product can be sterilized either in disassembled or in assembled condition.
For advice on cleaning, disinfection and sterilization, please follow the instructions for use. For effective cleaning, particularly of the jaws, we recommend B. Braun Stabimed.
For the latest information on reprocessing, please also refer to the Aesculap website at www.aesculapusa.com.
For accessories and spare parts, please refer to Brochure C758 or visit www.endoscopy-catalog.com.

Repairs

In order to ensure the preservation of full guarantee and warranty rights, only persons authorized by Aesculap may carry out repairs.
Please send articles for repair to: Aesculap Technical Service, Am Aesculap-Platz, D-78532 Tuttlingen, Germany.
Additional service addresses may be obtained from the same address or via ats@aesculap.de.

Specialty Instruments



Slide Lock Graspers

Proven durability and holding power
Excellent tissue and grip control
Single and dual action models
Fingertip rotation knob for optimal one-handed control
Single piece instrument, flush port cleanable

	Description	Sovereign®		Prestige™
		36 cm	42 cm	36 cm
 1/1	Atraumatic grasper, single action, non-rotatable, 5 mm	PL230R	PL231R	8360-00
 1/1	Atraumatic grasper, double action, rotatable, 5 mm	PL232R	PL233R	8360-10
 1/1	Retraction grasper, single action, non-rotatable, 5 mm	PL234R	—	8361-00
 1/1	Retraction grasper, double action, rotatable, 5 mm	PL235R	—	8361-10

Specialty Instruments



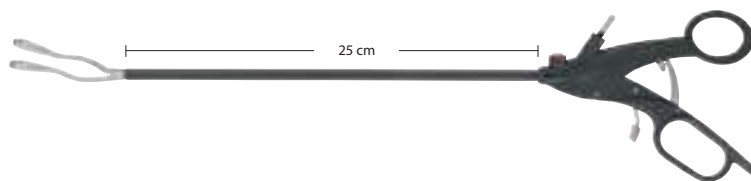
Bulldog Clips

	Description	Item No.	Closing Force	Jaw Length	Jaw Shape
	Intestinal bulldog clip for temporary atraumatic occlusion	PL541S	400 g	70 mm	Straight
	Vessel bulldog clips with DEBAKEY jaws for temporary atraumatic occlusion	PL544S	350 g	25 mm	Straight
		PL545S	450 g	45 mm	Straight
		PL548S	350 g	25 mm	Curved
		PL549S	450 g	45 mm	Curved

	Description	Item No.	Diameter	Length
	Articulating bulldog clip applicator/remover	PL530R	12.5 mm	35 cm
	Fixed bulldog clip applicator/remover	PL531R	12.5 mm	35 cm
	Replacement rotation knob	PL664P		

VATS Instruments

Video-Assisted Thoracoscopic Surgery



Standard Instrument - Complete

	Description	Item No.	Diameter	Length
	FOERSTER LUNG GRASPER 15 mm oval ring jaws, 15° angled, 63 mm jaw length, double action	FC810R	7 mm	25 cm
	TISSUE GRASPING FORCEPS 30° angled, 65 mm jaw length, single action	FC811R	7 mm	25 cm
	MARYLAND DISSECTING FORCEPS curved, 21 mm jaw length, double action	FC812R	7 mm	25 cm
	DISSECTING FORCEPS straight, 25 mm jaw length, double action	FC813R	7 mm	25 cm



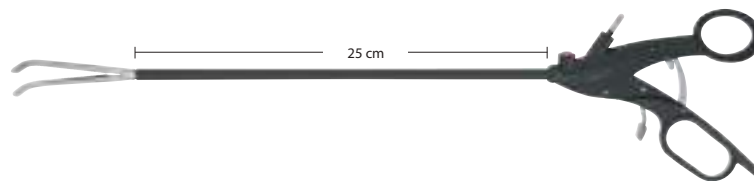
Single Components

Jaw Insert	Insulated Outer Tube	Handle
 FC860R 1/2		
 FC861R 1/2		 without ratchet FC800R
 FC862R 1/2	 FC808P	 with ratchet, disengageable FC801R
 FC863R 1/2		



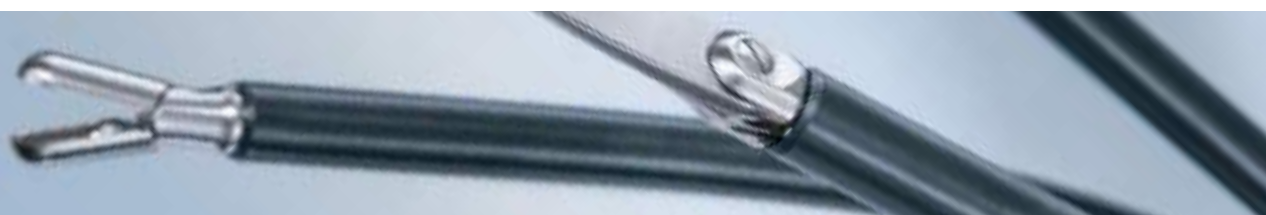
VATS Instruments

Video-Assisted Thoracoscopic Surgery



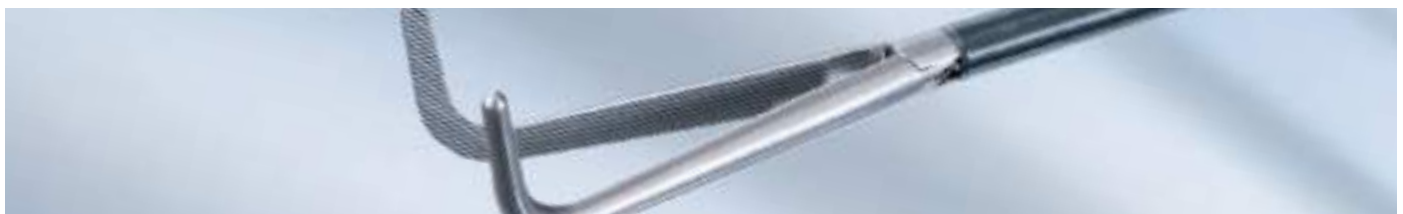
Standard Instrument - Complete

	Description	Item No.	Diameter	Length
 1/1	OVERHOLT DISSECTING FORCEPS 90° 65 mm jaw length, double action	FC814R	7 mm	25 cm
 1/1	OVERHOLT DISSECTING FORCEPS 90° delicate, 64 mm jaw length, double action	FC815R	7 mm	25 cm
 1/1	OVERHOLT DISSECTING FORCEPS 60° 40 mm jaw length, double action	FC816R	7 mm	25 cm
 1/1	BIOPSY FORCEPS 30° curved, 14 mm jaw length, double action	FC820R	7 mm	25 cm



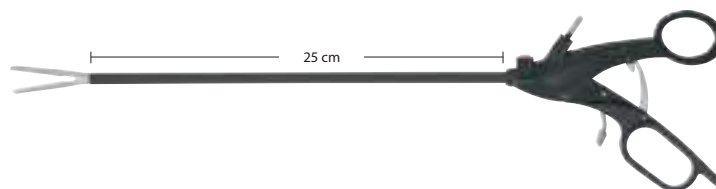
Single Components

Jaw Insert	Insulated Outer Tube	Handle
 FC864R 1/2		
 FC865R 1/2		 without ratchet FC800R
 FC866R 1/2	 FC808P	 with ratchet, disengageable FC801R
 FC870R 1/2		



VATS Instruments

Video-Assisted Thoracoscopic Surgery



Standard Instrument - Complete

	Description	Item No.	Diameter	Length
	DEBAKEY CLAMP 2 x 3 DeBakey jaws, straight, 43 mm jaw length, double action	FC824R	7 mm	25 cm
	CRAFOORD CLAMP 1 x 2 DeBakey jaws, curved, 55 mm jaw length, double action	FC825R	7 mm	25 cm
	SATINSKY PARENCHYMAL CLAMP 1 X 2 DeBakey jaws, 55 mm jaw length, double action	FC826R	7 mm	25 cm
	SATINSKY PARENCHYMAL CLAMP 1 x 2 DeBakey jaws, 71 mm jaw length, double action	FC827R	7 mm	25 cm



Single Components

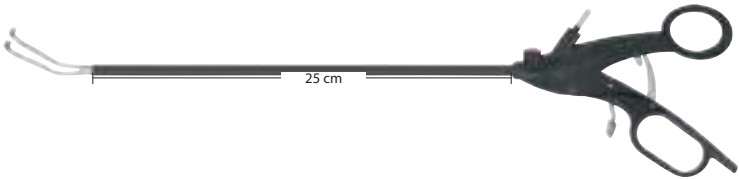
Jaw Insert	Insulated Outer Tube	Handle
 1/2 FC874R		
 1/2 FC875R		 without ratchet FC800R
 1/2 FC876R	 FC808P	 with ratchet, disengageable FC801R
 1/2 FC877R		



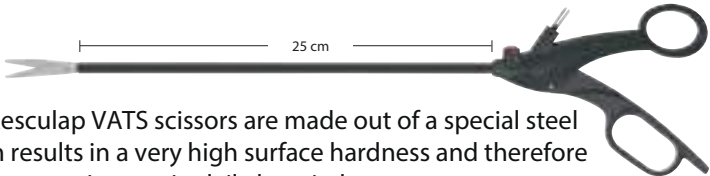
VATS Instruments

Video-Assisted Thoracoscopic Surgery

Standard Instrument - Complete



Description		Item No.	Diameter	
	DEBAKEY PULMONALIS CLAMP 1 x 2 DeBakey jaws, 50 mm jaw length, double action	FC828R	7 mm	Length
				25 cm



The Aesculap VATS scissors are made out of a special steel which results in a very high surface hardness and therefore high wear resistance in daily hospital use.



METZENBAUM SCISSORS
curved,
wavecut,
22 mm jaw length,
double action

FC834W

7 mm

25 cm



METZENBAUM SUPERCUT SCISSORS
curved,
wavecut,
microtome edge,
38 mm jaw length,
double action

FC835W

7 mm

25 cm

Wavecut reduces tissue from slipping out during the cutting process.



Single Components

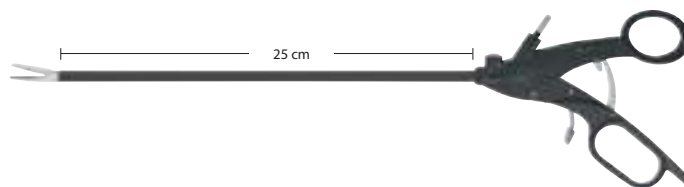
Jaw Insert	Insulated Outer Tube	Handle
 1/2 FC878R		 without ratchet FC800R
 1/2 FC884W	 FC808P	 with ratchet, disengageable FC801R
 1/2 FC885W		

Microtome Edge - the very sharp cutting edge of the scissors blade facilitates gentle cutting of tissue with minimal use of force



VATS Instruments

Video-Assisted Thoracoscopic Surgery

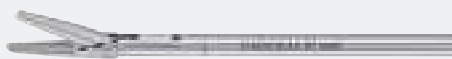


Standard Instrument - Complete

	Description	Item No.	Diameter	Length
 1/1	DUROGRIP NEEDLE HOLDER straight, tungsten carbide inserts with 0.5 mm pitch of serration, 25 mm jaw length	FC844R	7 mm	25 cm
 1/1	DUROGRIP NEEDLE HOLDER curved, tungsten carbide inserts with 0.5 mm pitch of serration, 25 mm jaw length	FC845R	7 mm	25 cm
 1/1	NEEDLE HOLDER SELF-RIGHTING straight, 25 mm jaw length	FC846R	7 mm	25 cm



Single Components

Jaw Insert	Insulated Outer Tube	Handle
 FC894R 1/2		
 FC895R 1/2		 without ratchet FC800R
 FC896R 1/2	 FC808P	 with ratchet, disengageable FC801R



VATS Instruments

Video-Assisted Thoracoscopic Surgery



Additional Instruments

	Description	Item No.	Diameter	Length
 1/1	MONOPOLAR SUCTION TUBE 30° curved, side holes prevent adhering to tissue	FC852R	7 mm	25 cm
 1/1	PLEURA WINDERS serrated, 37 mm jaw length,	FC858R	6 mm	29 cm



Spare Parts

PUSH ROD FOR VATS INSTRUMENTS
straight



FC864810

1/2

PUSH ROD FOR BIOPSY FORCEPS FC870R
curved



FC870810

1/2

SUCTION TIP FOR FC852R



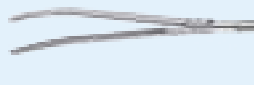
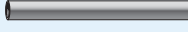
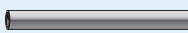
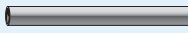
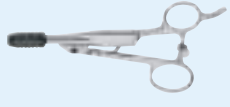
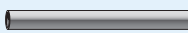
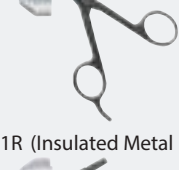
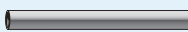
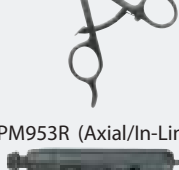
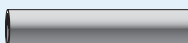
FC852202

REUSABLE MONOPOLAR CORD
BOVIE, CONMED, VALLEYLAB
10 ft.



US354

Complete Instrument				
	Description	Item No.	Diam.	Length
1/1 	CRAFOORD Endovascular Clamp, Short Jaw, For use with 10 mm trocars	PM173R	5 mm	31 cm
1/1 	CRAFOORD Endovascular Clamp, Long Jaw, For use with 10 mm trocars	PM178R	5 mm	31 cm
1/1 	SATINSKY Atraumatic Clamp, 38 mm Jaw, <i>For use with 13 mm flexible trocars</i>	PM171R	5 mm	31 cm
1/1 	SATINSKY Atraumatic Clamp, 51 mm Jaw, <i>For use with 13 mm flexible trocars</i>	PM177R	5 mm	31 cm
1/1 	DEBAKEY Atraumatic Clamp, S-shaped, <i>For use with 13 mm flexible trocars</i>	PM176R	5 mm	31 cm
1/1 	DEBAKEY Atraumatic Clamp, Curved, <i>For use with 13 mm flexible trocars</i>	PM175R	5 mm	31 cm
1/1 	SIMON Renal Pole Clamp, 100 mm Jaw	PO228R	10 mm	37 cm

Individual Components				Optional Handles- Interchangeable for 5 mm and 10 mm Instruments
Jaw Insert	Insulated Outer Tube	Standard Handle		
PM713R 	PM973R 	PM957R 	PO958R (Quick-Snap™ Non-Ratchet) 	
PM719R 	PM973R 	PM957R 	PO959R (Quick-Snap™ Ratchet) 	
PM711R 	PM973R 	PM957R 	PO960R (Quick-Snap™ Non-Ratchet) 	
PM616R 	PM973R 	PM957R 	PO961R (Quick-Snap™ Ratchet) 	
PM689R 	PM973R 	PM957R 	PM950R (Insulated Metal Non-Ratchet) 	
PM671R 	PM973R 	PM957R 	PM951R (Insulated Metal Ratchet) 	
PO781R 	PM974R 	PM959R 	PM953R (Axial/In-Line) 	
			PM954R (Ratchet) 	
			PM957R (Ratchet with lock) 	

Needle Holders and Suturing

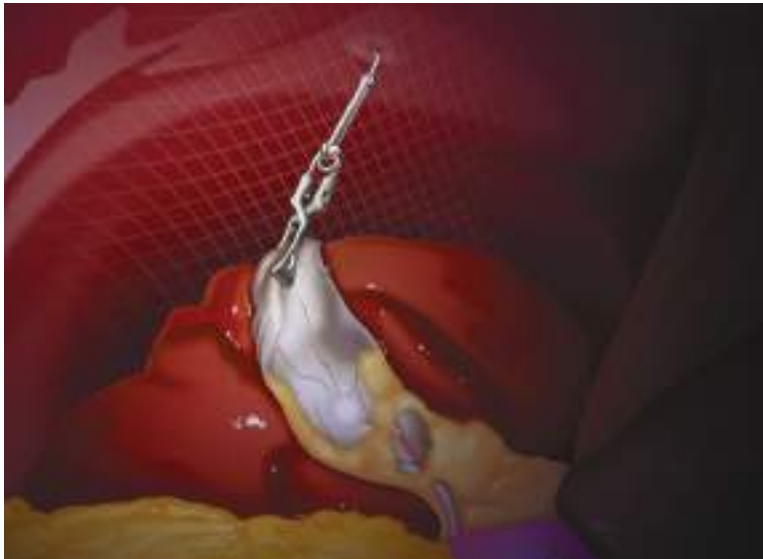


Extracorporeal	Description	Item No.	Diam.	Length
	Durogrip™ needle holder, straight, tungsten carbide inserts (PO959R handle)	PO550R	5 mm	31 cm
	Durogrip needle holder, curved tungsten carbide inserts (PO959R handle)	PO559R	5 mm	31 cm
	Knot pushing forceps	PM654R PM973R PO958R	5 mm	31 cm
	CROCE/OLM Dissecting and suture scissors with knot pusher (PO958R handle)	PO022R	5 mm	31 cm
	Knot Pusher	PL651R	5 mm	31 cm
	Knot pusher	PL435R PL432R	3.5 mm 5 mm	31 cm 31 cm
	Suture hook for intracorporeal tightening of the suture line by pulling on the suture throws in case of continuous anastomosis	PO193R	5 mm	33 cm
	Loop applicator, 4.5 mm inner diameter	PL650R	5 mm	15 cm
	Sealing cap, box of 20	PL650250		



Intracorporeal		Description	Item No.	Diam.	Length
 1/1		Durogrip™ TC needle holder, straight	PL419R	3.5 mm	20 cm
			PL418R	3.5 mm	29 cm
 1/1		Durogrip TC needle holder, straight	PL407R	5 mm	31 cm
			PL404R	5 mm	37 cm
			PL416R	5 mm	42 cm
 1/1		Durogrip TC needle holder, curved left	PL408R	5 mm	31 cm
			PL405R	5 mm	37 cm
			PL417R	5 mm	42 cm
 1/1		Durogrip TC needle holder, curved right	PL413R	5 mm	31 cm
			PL415R	5 mm	37 cm
 1/1		"The Viper" Durogrip TC suture Assistant/ needle holder, 2 x 3 Teeth	PL409R	5 mm	31 cm
 1/1		Super righting needle holder	PL414R	5 mm	31 cm
 1/1		Durogrip TC needle holder, fenestrated	PL410R	5 mm	31 cm
 1/1		Durogrip TC needle holder, crimped/ fenestrated	PL411R	5 mm	31 cm

Cinch Organ Retractor



Secure

Atraumatic retraction clip provides firm grasp on tissue and reliable needle attaches to the parietal peritoneum

Efficient

Easy, rapid clip application and removal
Mostly reusable components provide a cost-effective retraction solution

Versatile

Medical grade latex-free silicone band offers a range of retractor placement
Applicable for various multi-port and single incision procedures

Components	Description	Item No.
	Reusable atraumatic clip, 5.00 N (510 g) closing force	PL593R
	Silicone ring with needle, sterile, single-use, box of 12 All components of packaging are latex free.	PL595SU
	Articulating clip applicator/remover, 12.5 mm, 35 cm	PL530R
	Fixed clip applicator/remover, 12.5 mm, 35 cm	PL531R

Retractors

	Description	Item No.	Diam.	Length
	Fan retractor	PL680R	10 mm	40 cm



	Prostate retractor	PL682R	10 mm	37 cm
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Nathanson Retractors

Description	Item No.	Diameter
Nathanson retractor small	MN182R	5 mm
Nathanson retractor medium	MN183R	5 mm
Nathanson retractor large	MN184R	5 mm
Nathanson retractor set (S, M, L)	MN186R	5 mm



1/2

Description	Item No.	Diameter
Nathanson retractor small	MN187R	6.5 mm
Nathanson retractor medium	MN188R	6.5 mm
Nathanson retractor large	MN189R	6.5 mm
Nathanson retractor set (S, M, L)	MN191R	6.5 mm



1/2

Suction/Irrigation

Description	Item No.	Diameter	Length
Suction/irrigation tube with finger valve, luer-lock connection	GF320R	5 mm	33 cm
			
Suction/Irrigation Tube, Luer-Lock connection	GF321R	5 mm	33 cm
			
Puncture needle with finger valve, luer-lock connection, 2 mm (12 gauge) distal tip diameter	SR550R	5 mm	33 cm
			
	SR553R	5 mm	45 cm
Puncture needle, luer-lock connection, 2 mm (12 gauge) distal tip diameter	SR551R	5 mm	33 cm
			
Injection cannula, straight, distal tip diameter 0.8 mm	SR554R	5 mm	37 cm
			

Description	Item No.	Diam.	Length
Suction irrigation tube with two-way-stopcock	PG028R	3.5 mm	31 cm
			
Suction irrigation tube with two-way-stopcock	PG027R	5 mm	33 cm
			
Suction irrigation tube with trumpet valve	GF324R	5 mm	30 cm
			
Suction irrigation tube with trumpet valve	GF325R	10 mm	40 cm
			

Suction/Irrigation with Monopolar

Description	Item No.	Diameter	Length
L hook suction electrode with valve	MN223R	5 mm	33 cm
L hook suction electrode with valve	MN225R	5 mm	45 cm
J hook suction electrode with valve	MN227R	5 mm	33 cm
J hook suction electrode with valve	MN229R	5 mm	45 cm
Blunt suction electrode with valve	MN231R	5 mm	33 cm
Blunt suction electrode with valve	MN233R	5 mm	45 cm
Spatula suction electrode with valve	MN235R	5 mm	33 cm
Spatula suction electrode with valve	MN237R	5 mm	45 cm

Miscellaneous Instruments

Description	Item No.	Diameter	Length
Cholangiogram clamp with catheter guide (maximum catheter diameter: 5 french)	PL100R	5 mm	33 cm
Replacement sealing cap (gray)	PL401230		
Replacement sealing cap (black)	EJ751200		
Anvil grasper	PL406R	10 mm	37 cm
Endo vessel spatula	PL657R	5 mm	33 cm
Dissection spatula, semi-sharp	PL659R	5 mm	33 cm
Endo pleural elevator	PL663R	5 mm	31 cm
Myoma drill	PL430R	5 mm	31 cm

Ligation





DS Single Fire Ligation Clips

DS Single Fire Ligation Clips: Innovative, Reliable, Convenient

Innovative: This system is innovative and unique in the segment of Titanium Ligation Clips.

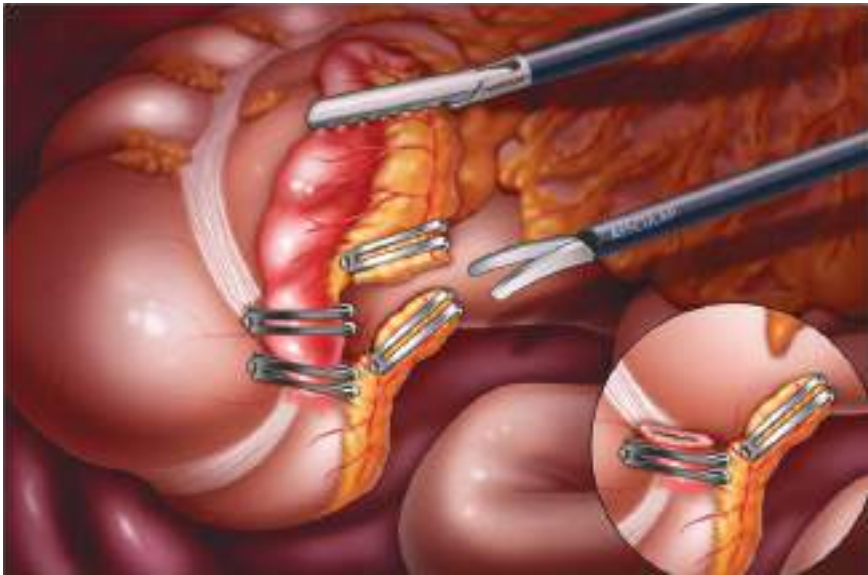
Reliable: The DS Clip offers a firm hold on the clipped structure.

Convenient: The system is easy to use. It does not require an adaption of the order of operation.

Distal to proximal clip closure
Prevents pushing out tissue
during closure



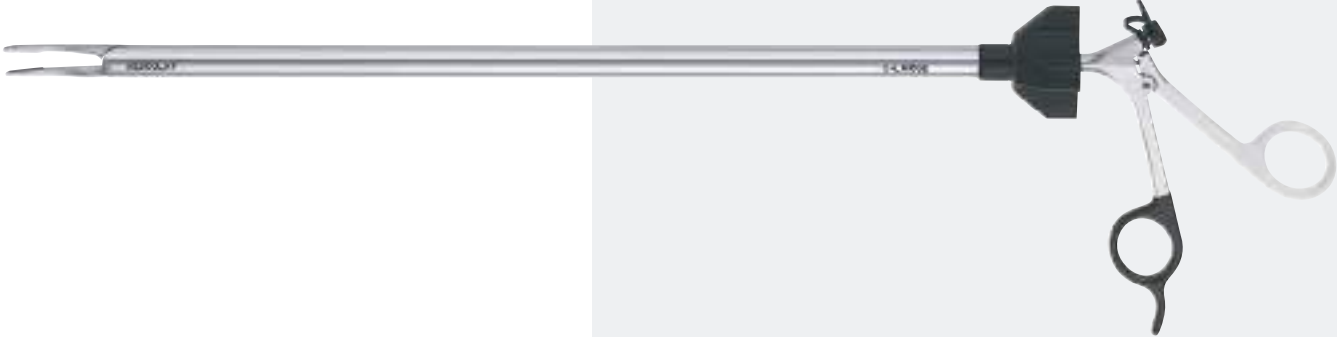
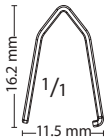
DS Clip for Appendectomy



DS Ligation Clips applied to appendix and mesoappendix

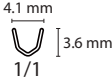
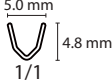
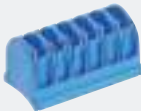
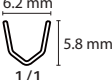
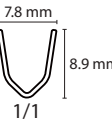
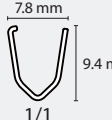
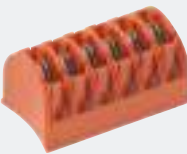
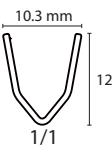
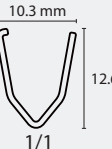
Delivering cost savings without the compromise

The XL DS Clip provides a cost-effective solution, without compromising on security, for laparoscopic appendectomies. This is made possible by an innovative extra large clip designed especially with closure of the appendix and mesoappendix in mind. The XL DS Clip provides surgeons with double the clip for savings, security and simplicity.

	Description	Item No.	Diam.	Length
	Laparoscopic clip applicator, X-Large	PL809R	12 mm	31 cm
 	X-Large 12 cartridges, 4 clips per cartridge	PL475SU		

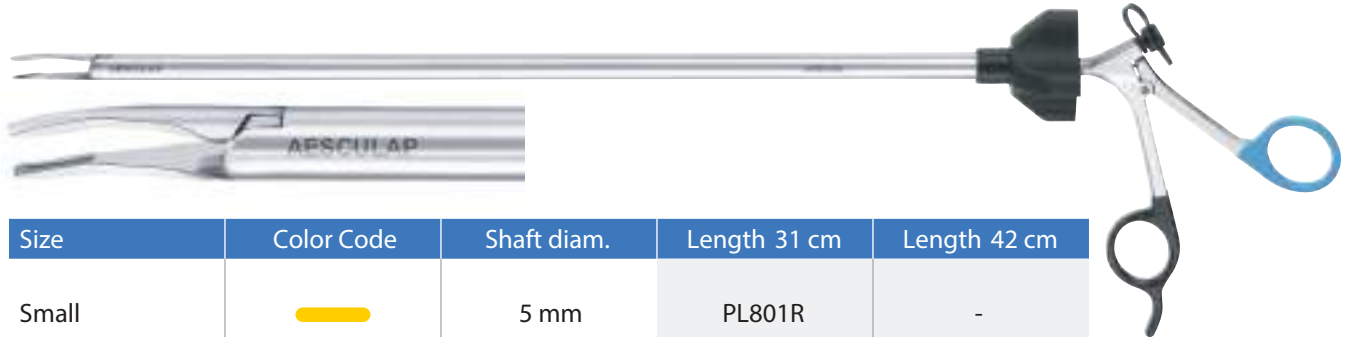
Indication for Use:
Intended for use in endoscopic surgery for ligating and marking vessels and tubular structures whenever ligating clips are used/indicated.

DS Clips

Size	Color Code	Clip without Latch	Clip with Latch	Clips per Cartridge	No. of Cart. per Box
					
Small		 4.1 mm 3.6 mm 1/1 PL450SU		6	15
		 PL452SU		24	6
Small-Medium		 5.0 mm 4.8 mm 1/1 PL453SU		6	15
Medium		 6.2 mm 5.8 mm 1/1 PL459SU		6	15
Medium-Large		 7.8 mm 8.9 mm 1/1 PL462SU	 7.8 mm 9.4 mm 1/1 PL465SU	6	15
Large		 10.3 mm 12 mm 1/1 PL468SU	 10.3 mm 12.6 mm 1/1 PL471SU	6	12

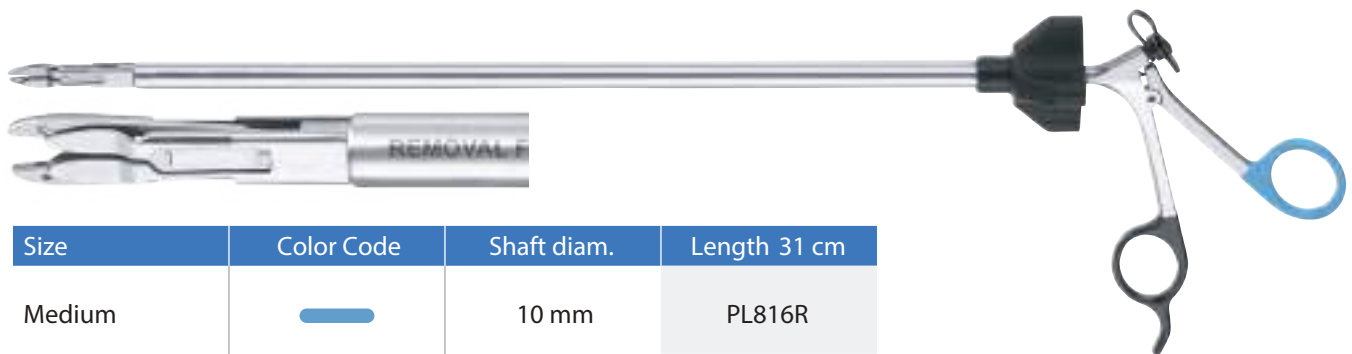
DS Clip Appliers and Removal Forceps

Laparoscopic Clip Appliers



Size	Color Code	Shaft diam.	Length 31 cm	Length 42 cm
Small		5 mm	PL801R	-
Small-Medium		5 mm	PL802R	PL822R
Medium		10 mm	PL806R	PL826R
Medium-Large		10 mm	PL807R	PL827R
Large		12 mm	PL808R	PL828R

Laparoscopic Clip Removal Forceps



Size	Color Code	Shaft diam.	Length 31 cm
Medium		10 mm	PL816R
Medium-Large		10 mm	PL817R
Large		12 mm	PL818R

Indication for Use:

Intended for use in endoscopic surgery for ligating and marking vessels and tubular structures whenever ligating clips are used/indicated.

Challenger™ Ti-P Multi-Fire Clip Applier

Medium-Large (ML)	Description	Item No.	Diameter	Length
	Clip applier, Medium-Large (ML)	PL606R	10 mm	37 cm
		PL608R	10 mm	26 cm



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Medium-Large (ML) clips for use with 10 mm clip appliers,
12 sterile clip cartridges per box, 8 titanium clips and 1 PL579T
CO₂ cylinder per cartridge

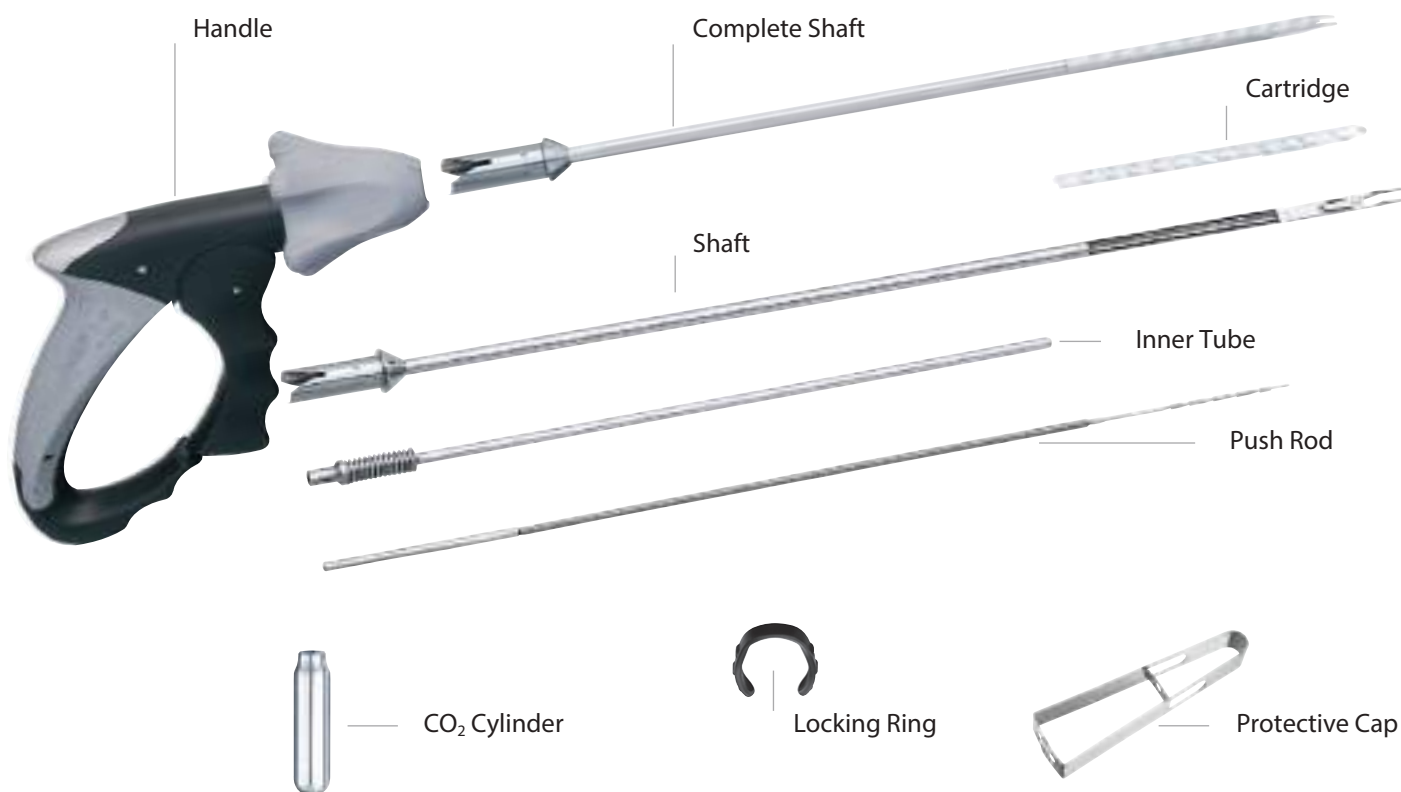
Small-Medium (SM)	Description	Item No.	Diameter	Length
	Clip applier, Small-Medium (SM)	PL604R	5 mm	31 cm
		PL603R	5 mm	20.5 cm



1/1

Small-Medium (SM) clips for use with 5 mm clip appliers
12 sterile clip cartridges per box, 12 titanium clips and 1 PL574T
CO₂ cylinder per cartridge

Components and Spare Parts



		ML		SM	
Spare Parts	Complete Shaft	PL536R Length 37 cm Dia. 10 mm	PL538R Length 26 cm Dia. 10 mm	PL522R Length 31 cm Dia. 5 mm	PL609R Length 20.5 cm Dia. 5 mm
	Handle	PL520R	PL520R	PL520R	PL520R
	Inner Tube	PL536802	PL538802	PL522801	PL601801
	Push Rod	PL536801	PL538801	PL522800	PL601800
	Locking Ring	PL520301	PL520301	PL520301	PL520301
	CO ₂ Cylinder Only Pack of 3 single sterile packed	PL575SU	PL575SU	PL575SU	PL575SU
	Protective Cap	PL536810	PL536810	PL522810	PL522810



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CERTIFICATIONS

