



MINIMALLY
INVASIVE SURGERY

AESCULAP® AdTec® MONOPOLAR

AdTec® MONOPOLAR



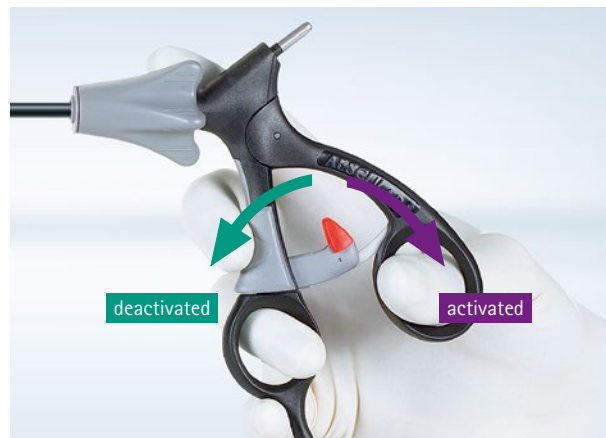
JAW MECHANISM

- Non-protruding joints during opening and closure of jaw parts (for the majority of instruments, for details see item list)
- Lower risk that tissue or suture material gets caught in the jaw mechanism (for the majority of instruments, for details see item list)

For years, AESCULAP® has been actively involved in the development of laparoscopic techniques in the instruments sector, introducing products such as AdTec® single use, AdTec® needle holders as well as the Multi-Fire Clip Applier Challenger Ti-P. Here, great value has always been placed on quality, user friendliness, efficiency and customer satisfaction.

In addition, AESCULAP® offers a comprehensive package of services ranging from planning and consultancy, instrument screening as well as training and qualification up to instrument repair.

When do you convince yourself about the reusable monopolar instrument line?



»ONE-CLICK« DESIGN

- Assembly and disassembly in one step only
- Easier handling

RATCHET MECHANISM

- Ratchet can be deactivated
- Easier handling

AdTec® MONOPOLAR





PEEK INSULATION

- Enhanced spark protection and resisting characteristic
- Wear-resistant and sterilization-proof

STERILIZATION

- Sterilization of the assembled instrument possible

ECONOMICAL PRICE PERFORMANCE RATIO

- Profitable use of financial resources due to modular design

UNIVERSAL

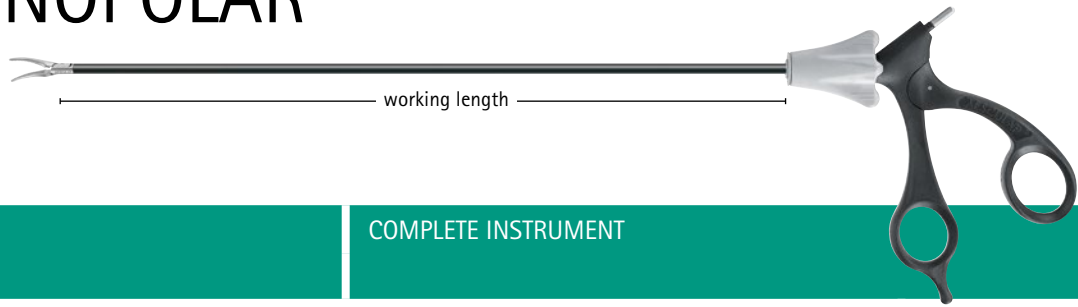
- Modular design consisting of four components, facilitating the disassembly, reprocessing, maintenance and sterile supply









AdTec® Noir®





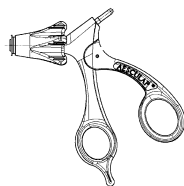

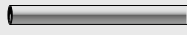



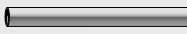

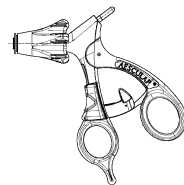

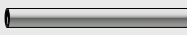


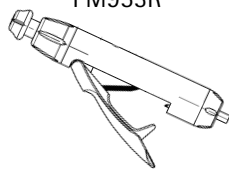

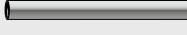







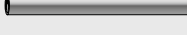

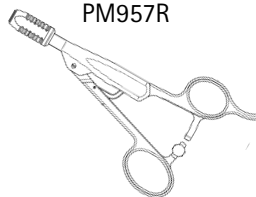

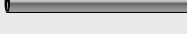

- Black coating of the scissor blades reduce light reflections
- Black scissor blades reduce the appearance of unintentional darkening of the video image
- The Noir® coating is several times as hard as normal instrument steel and gives the instruments both wear resistance and high corrosion resistance
- For product details, see page 6 / 7

AdTec® MONOPOLAR

SCISSORS

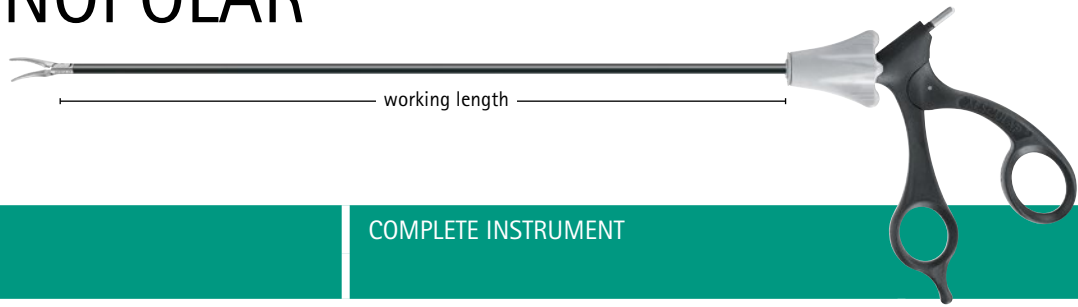









		COMPLETE INSTRUMENT	
			5 mm / 220 mm
	22 mm	1/1	
PO004R	METZENBAUM	Scissors, serrated, tips curved to the left, with carbide inserts	5 mm / 310 mm
	22 mm	1/1	
PO027R	METZENBAUM	Scissors, serrated, tips curved to the left, with carbide inserts	5 mm / 420 mm
	22 mm	1/1	
	20 mm	1/1	Instrument with protruding jaw parts
PO022R	CROCE/OLMI	Dissecting and suture scissors with knot pusher	5 mm / 310 mm
	22 mm	1/1	
	31 mm	1/1	Instrument with protruding jaw parts
PO090R	Noir® METZENBAUM	Scissors, serrated, tips curved to the left, with carbide inserts	5 mm / 310 mm
	22 mm	1/1	
PO091R	Noir® Mini-METZENBAUM	Scissors, serrated, tips curved to the left, with carbide inserts	5 mm / 310 mm
	14 mm	1/1	




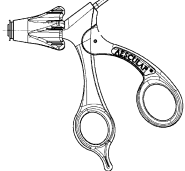

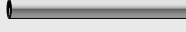

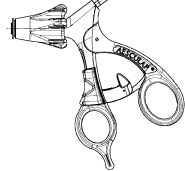

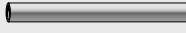






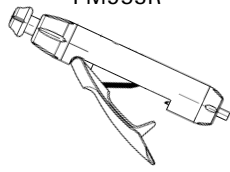

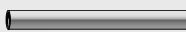

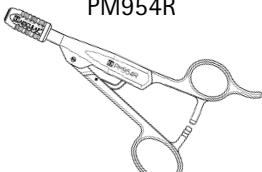








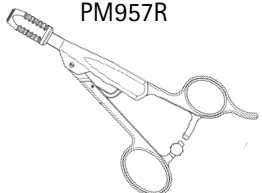
		SINGLE PARTS		INDIVIDUAL COMPONENTS	
	Jaw insert	Insulated outer tube	Handle		
	P0631R 	PM970R 	P0958R 	PM971R  Ø 5/10 mm	P0958R 
	P0603R 	PM973R 	P0958R 	PM975R  Ø 5/10 mm	
	P0746R 	PM981R 	P0958R 		P0959R 
	PM697R 	PM973R 	P0958R 	PM975R  Ø 5/10 mm	PM953R 
	P0727R 	PM973R 	P0958R 	PM975R  Ø 5/10 mm	
	PM604R 	PM974R 	P0958R 		PM954R 
	P0790R 	PM973R 	P0958R 		PM957R 
	P0791R 	PM973R 	P0958R 		

AdTec[®] MONOPOLAR

SCISSORS

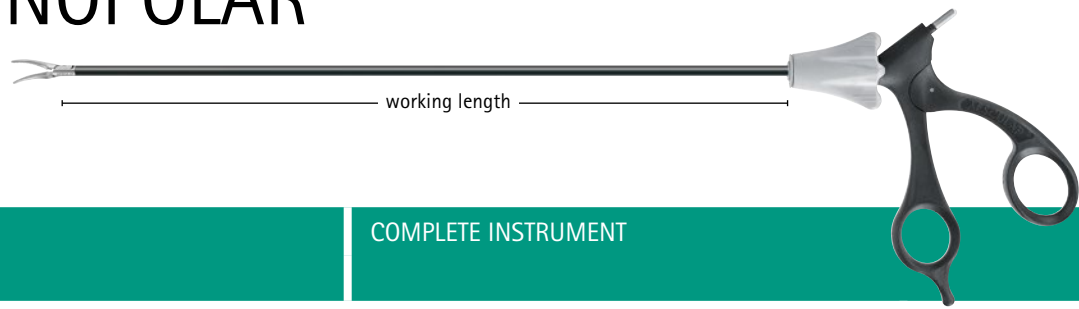


		COMPLETE INSTRUMENT	
	PO030R	Medium-METZENBAUM Scissors, serrated, tips curved to the left, with carbide inserts	5 mm / 310 mm
← 18 mm →	1/1		
	PO031R	Medium-METZENBAUM Scissors, serrated, tips curved to the left, with carbide inserts*	5 mm / 420 mm
← 18 mm →	1/1		
	PO023R	Mini-METZENBAUM Scissors, serrated, tips curved to the left, with carbide inserts	5 mm / 220 mm
← 14 mm →	1/1		
	PO011R	Mini-METZENBAUM Scissors, serrated, tips curved to the left, with carbide inserts	5 mm / 310 mm
← 14 mm →	1/1		
	PO028R	Mini-METZENBAUM Scissors, serrated, tips curved to the left, with carbide inserts	5 mm / 420 mm
← 14 mm →	1/1		
		Mini-METZENBAUM Scissors, serrated, tips curved to the left, with carbide inserts, PEEK insulation of the distal shaft	10 mm / 310 mm
← 13 mm →	1/1	Instrument with protruding jaw parts	
		Mini-METZENBAUM Scissors, serrated, tips curved to the left, with carbide inserts, PEEK insulation of the distal shaft	5 mm / 310 mm
← 13 mm →	1/1	Instrument with protruding jaw parts	








SINGLE PARTS			INDIVIDUAL COMPONENTS	
Jaw insert	Insulated outer tube	Handle		
P0715R 	PM970R 	P0958R 		P0958R 
P0716R 	PM981R 	P0958R 		P0959R 
P0738R 	PM970R 	P0958R 	PM971R  Ø 5/10 mm	
P0655R 	PM973R 	P0958R 	PM975R  Ø 5/10 mm	PM953R 
P0754R 	PM981R 	P0958R 		PM954R 
PM698R 	PM973R 	P0958R 	PM975R  Ø 5/10 mm	
PM710R 	PM973R 	P0958R 	PM975R  Ø 5/10 mm	PM957R 





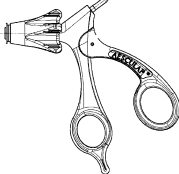

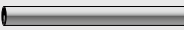

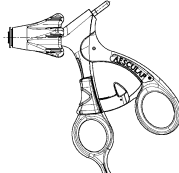



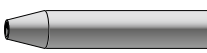




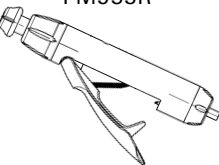




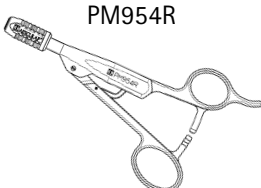








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SCISSORS



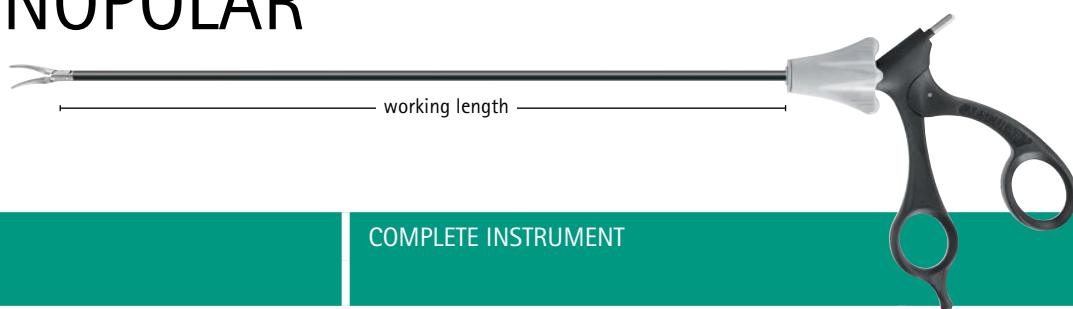
COMPLETE INSTRUMENT







		5 mm / 310 mm
 <p>± 11 mm ±</p>	<p>PO001R</p> <p>Hook scissors, blunt</p> <p>1/1</p>	
 <p>± 11 mm ±</p>	<p>PO025R</p> <p>Hook scissors, blunt</p> <p>1/1</p>	5 mm / 420 mm
 <p>± 15 mm ±</p>	<p>PO002R</p> <p>Peritoneal scissors, serrated</p> <p>1/1</p>	5 mm / 310 mm
 <p>± 16 mm ±</p>	<p>PO006R</p> <p>Peritoneal scissors with hook, serrated</p> <p>1/1</p>	5 mm / 310 mm
 <p>± 9 mm ±</p>	<p>1/1</p>	5 mm / 220 mm
 <p>± 9 mm ±</p>	<p>PO003R</p> <p>Micro-dissecting scissors, tips curved to the left</p> <p>1/1</p>	5 mm / 310 mm
 <p>± 13 mm ±</p>	<p>PO014R</p> <p>POTTS de MARTELL Mod. SAID DUROTIP Endo vessel scissors</p> <p>Instrument with protruding jaw parts</p> <p>1/1</p>	10 mm / 310 mm


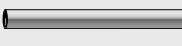


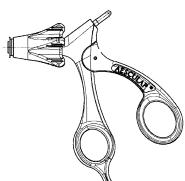

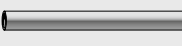


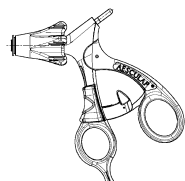

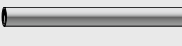


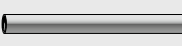


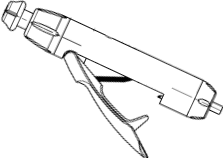

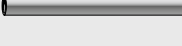



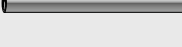

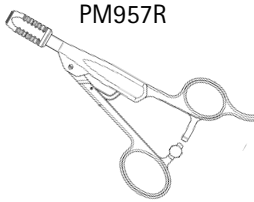
SINGLE PARTS			INDIVIDUAL COMPONENTS	
Jaw insert	Insulated outer tube	Handle		
P0600R 	PM973R 	P0958R 	PM975R  Ø 5/10 mm	P0958R 
P0744R 	PM981R 	P0958R 		P0959R 
P0601R 	PM973R 	P0958R 	PM975R  Ø 5/10 mm	
P0625R 	PM973R 	P0958R 	PM975R  Ø 5/10 mm	PM953R 
PM630R 	PM970R 	P0958R 	PM971R  Ø 5/10 mm	PM954R 
P0602R 	PM973R 	P0958R 	PM975R  Ø 5/10 mm	
P0682R 	PM992R 	P0958R 		PM957R 

AdTec[®] MONOPOLAR

DISSECTING FORCEPS

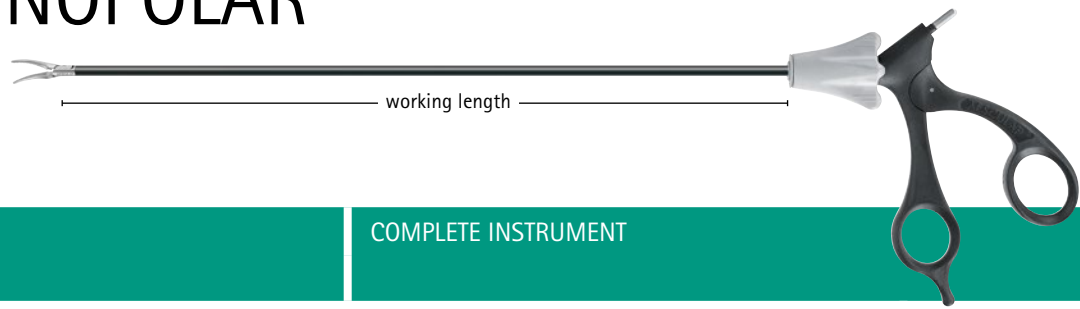


		COMPLETE INSTRUMENT	
	21 mm	MARYLAND Fixation and dissecting forceps, curved	5 mm / 220 mm
	21 mm	PO102R MARYLAND Fixation and dissecting forceps, curved	5 mm / 310 mm
	21 mm	PO202R MARYLAND Fixation and dissecting forceps, curved	5 mm / 420 mm
	19 mm	MARYLAND Fixation and dissecting forceps, insulation of the distal shaft Instrument with protruding jaw parts	5 mm / 310 mm
	21 mm	PO237R MARYLAND Fixation and dissecting forceps, curved with cross teething	5 mm / 310 mm
	21 mm	PO238R MARYLAND Fixation and dissecting forceps, curved with cross teething	5 mm / 420 mm







SINGLE PARTS			INDIVIDUAL COMPONENTS	
Jaw insert	Insulated outer tube	Handle		
P0632R 	PM970R 	P0958R 	PM971R  Ø 5/10 mm	P0958R 
P0608R 	PM973R 	P0958R 	PM975R  Ø 5/10 mm	P0959R 
P0752R 	PM981R 	P0958R 		
PM699R 	PM973R 	P0958R 	PM975R  Ø 5/10 mm	PM953R 
P0717R 	PM973R 	P0958R 		PM954R 
P0718R 	PM981R 	P0958R 		PM957R 





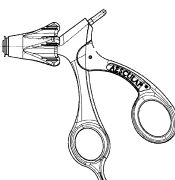

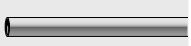

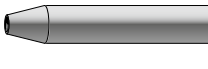
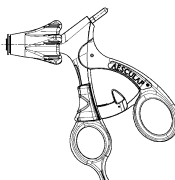

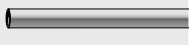

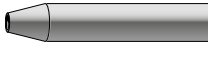
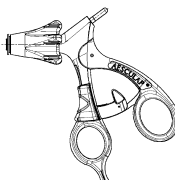

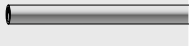

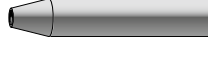
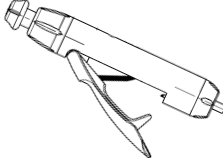

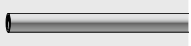




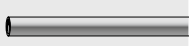


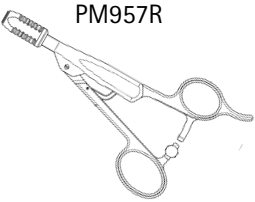
AdTec® MONOPOLAR

DISSECTING FORCEPS



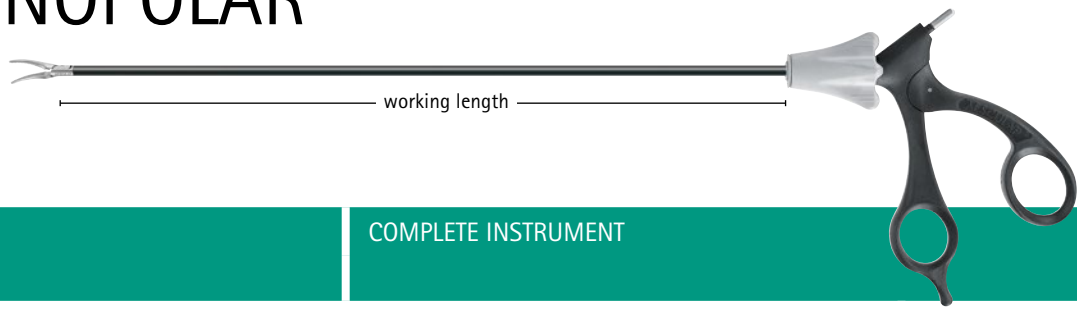
COMPLETE INSTRUMENT


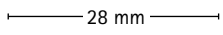

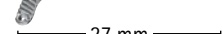

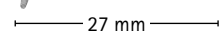

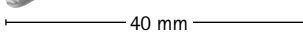





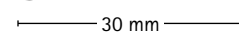

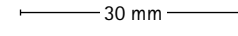
		5 mm / 310 mm
 <p>20 mm</p>	<p>P0195R CROCE/OLMI Fixation and dissection forceps, curved, jaw parts fenestrated</p> <p>1/1</p>	
 <p>26 mm</p>	<p>P0100R Forceps with atraumatic teeth</p> <p>1/1</p>	5 mm / 310 mm
 <p>19 mm</p>	<p>Fixation and dissecting forceps, slim</p> <p>1/1</p>	5 mm / 310 mm
 <p>25 mm</p>	<p>Instrument with protruding jaw parts</p> <p>1/1</p>	5 mm / 310 mm
 <p>16 mm</p>	<p>P0187R PSALMON Precise-dissector, 90°</p> <p>1/1</p>	5 mm / 310 mm
 <p>27 mm</p>	<p>P0231R MIXTER Dissecting clamp, 90°</p> <p>1/1</p>	5 mm / 310 mm





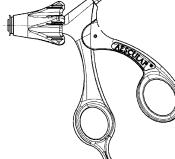

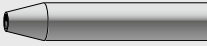


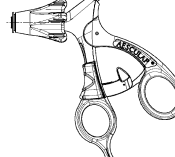

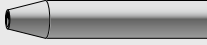


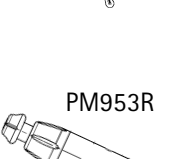

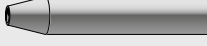


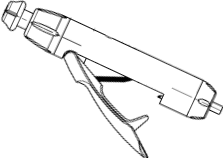






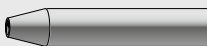


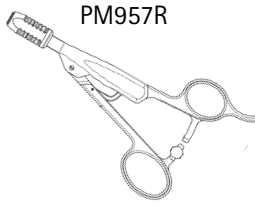






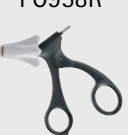

SINGLE PARTS			INDIVIDUAL COMPONENTS	
Jaw insert	Insulated outer tube	Handle		
P0740R 	PM973R 	P0958R 	PM975R  Ø 5/10 mm	P0958R 
P0605R 	PM973R 	P0958R 	PM975R  Ø 5/10 mm	P0959R 
PM614R 	PM973R 	P0958R 	PM975R  Ø 5/10 mm	P0959R 
PM647R 	PM973R 	P0958R 	PM975R  Ø 5/10 mm	PM953R 
P0730R 	PM973R 	P0958R 	PM975R  Ø 5/10 mm	PM954R 
P0784R 	PM973R 	P0958R 	PM975R  Ø 5/10 mm	PM957R 

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DISSECTING FORCEPS

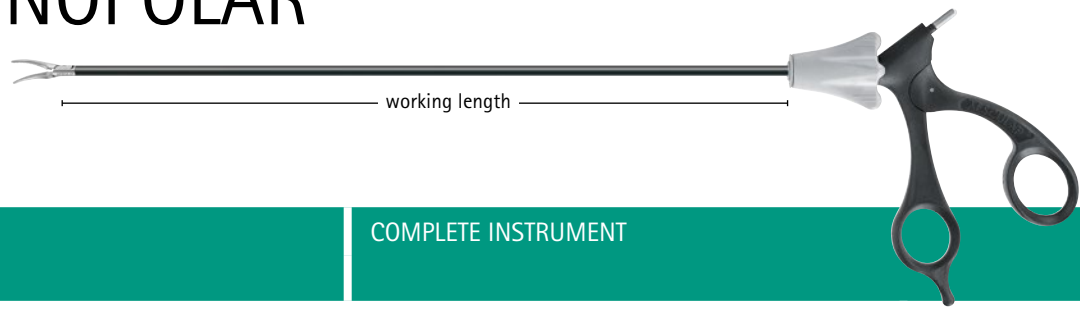


		COMPLETE INSTRUMENT	
	PO103R	OVERHOLT Dissecting clamp, 90°	10 mm / 310 mm
	28 mm	1/1	
	PO103R	OVERHOLT Dissecting clamp, 90°, PEEK insulation of the distal shaft Instrument with protruding jaw parts	10 mm / 370 mm
	27 mm	1/1	
	PO219R	OVERHOLT Dissecting forceps with fine tip, 90°	10 mm / 370 mm
	27 mm	1/1	
	PO141R	OVERHOLT Dissecting clamp, 60°	10 mm / 310 mm
	40 mm	1/1	
	PO141R	OVERHOLT Dissecting clamp, 60°, PEEK insulation of the distal shaft Instrument with protruding jaw parts	10 mm / 310 mm
	39 mm	1/1	
	PO220R	OVERHOLT Dissecting forceps with fine tip, 60°	10 mm / 370 mm
	40 mm	1/1	
	PO218R	CRILE Fixation and dissecting forceps, curved Instrument with protruding jaw parts	5 mm / 310 mm
	30 mm	1/1	
	PO213R	CRILE Fixation and dissecting forceps, curved Instrument with protruding jaw parts	5 mm / 370 mm
	30 mm	1/1	










SINGLE PARTS				INDIVIDUAL COMPONENTS	
Jaw insert	Insulated outer tube	Handle			
P0606R 	PM975R 	P0958R 	PM973R  Ø 5 mm	P0958R 	
PM701R 	PM978R 	P0958R 	PM976R  Ø 5 mm	P0959R 	
P0772R 	PM978R 	P0958R 	PM976R  Ø 5 mm	P0959R 	
P0661R 	PM975R 	P0958R 	PM973R  Ø 5 mm	PM953R 	
PM700R 	PM975R 	P0958R 	PM973R  Ø 5 mm	PM954R 	
P0773R 	PM978R 	P0958R 	PM976R  Ø 5 mm	PM957R 	
P0771R 	PM973R 	P0958R 	PM975R  Ø 5/10 mm		
P0766R 	PM976R 	P0958R 	PM978R  Ø 5/10 mm		





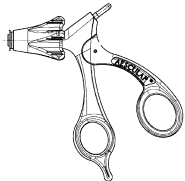




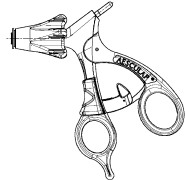

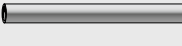

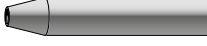
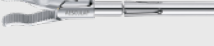
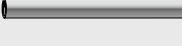

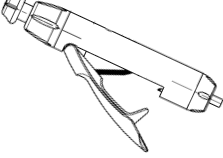

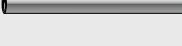




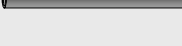






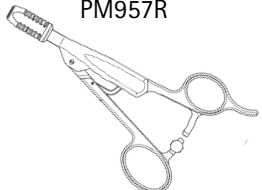




AdTec® MONOPOLAR

DISSECTING FORCEPS



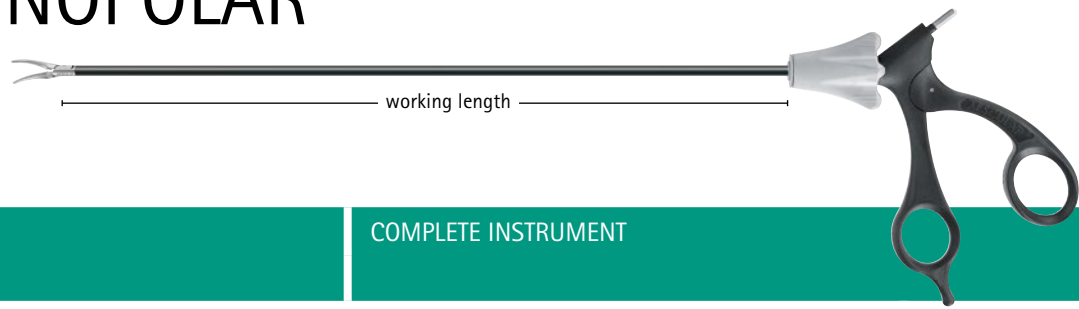
COMPLETE INSTRUMENT

		
 <p>P0147R</p>	<p>Fixation forceps with jaw groove, slim tapering jaw tip</p> <p>1/1</p>	<p>5 mm / 310 mm</p>
	<p>Atraumatic fixation and dissecting forceps</p> <p>1/1</p>	<p>5 mm / 220 mm</p>
 <p>P0101R</p>	<p>Atraumatic fixation and dissecting forceps</p> <p>1/1</p>	<p>5 mm / 310 mm</p>
 <p>P0199R</p>	<p>Atraumatic fixation and dissecting forceps</p> <p>1/1</p>	<p>5 mm / 420 mm</p>
 <p>P0214R</p>	<p>Atraumatic universal forceps</p> <p>1/1</p>	<p>5 mm / 370 mm</p>
 <p>P0151R</p>	<p>Delicate dissecting forceps</p> <p>1/1</p>	<p>5 mm / 310 mm</p>
 <p>P0190R</p>	<p>Fixation and dissecting forceps with jaw groove</p> <p>1/1</p>	<p>5 mm / 310 mm</p>
 <p>P0203R</p>	<p>Fixation and dissecting forceps with jaw groove</p> <p>1/1</p>	<p>5 mm / 420 mm</p>

		SINGLE PARTS			INDIVIDUAL COMPONENTS	
	Jaw insert	Insulated outer tube	Handle			
	P0678R 	PM973R 	P0958R 	PM975R  Ø 5/10 mm	P0958R 	
	P0633R 	PM970R 	P0958R 	PM971R  Ø 5/10 mm		P0959R 
	P0607R 	PM973R 	P0958R 	PM975R  Ø 5/10 mm		
	P0747R 	PM981R 	P0958R 			PM953R 
	P0767R 	PM976R 	P0958R 	PM978R  Ø 5/10 mm		PM954R 
	P0667R 	PM973R 	P0958R 	PM975R  Ø 5/10 mm		
	P0735R 	PM973R 	P0958R 	PM975R  Ø 5/10 mm		PM957R 
	P0753R 	PM981R 	P0958R 	PM975R  Ø 5/10 mm		

AdTec® MONOPOLAR

GRASPING FORCEPS



COMPLETE INSTRUMENT

5 mm / 310 mm

PO109R



Crocodile forceps, extra-long jaws

1/1

PO127R



Universal fixation forceps with jaw grooves

1/1

PO221R



Universal grasping forceps with reservoir in the jaws

1/1

PO230R







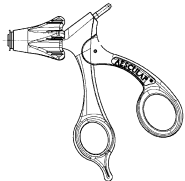




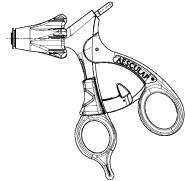

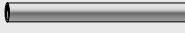



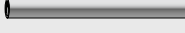

Universal grasping forceps with reservoir in the jaws

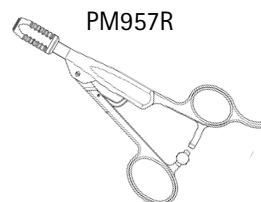
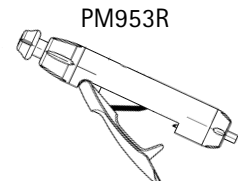
1/1

5 mm / 310 mm

5 mm / 310 mm

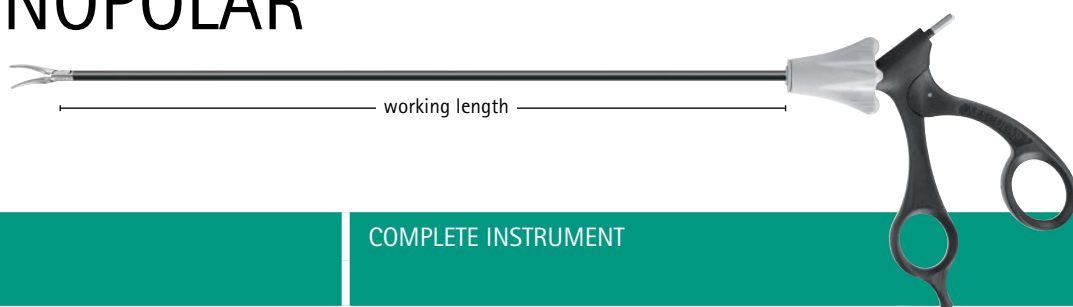
5 mm / 420 mm

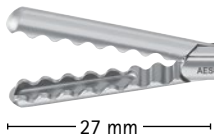
SINGLE PARTS			INDIVIDUAL COMPONENTS	
Jaw insert	Insulated outer tube	Handle		
P0615R 	PM973R 	P0959R 	PM975R  Ø 5/10 mm	P0958R 
P0644R 	PM973R 	P0959R 	PM975R  Ø 5/10 mm	P0959R 
P0774R 	PM973R 	P0959R 	PM975R  Ø 5/10 mm	
P0783R 	PM981R 	P0959R 		





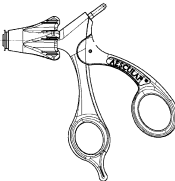




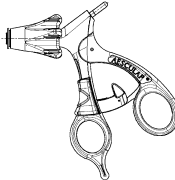




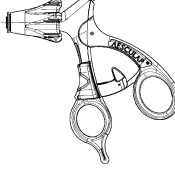

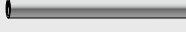

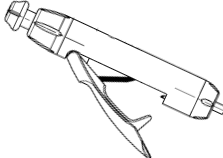

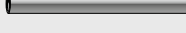






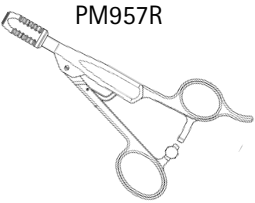

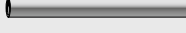



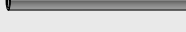




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GRASPING FORCEPS

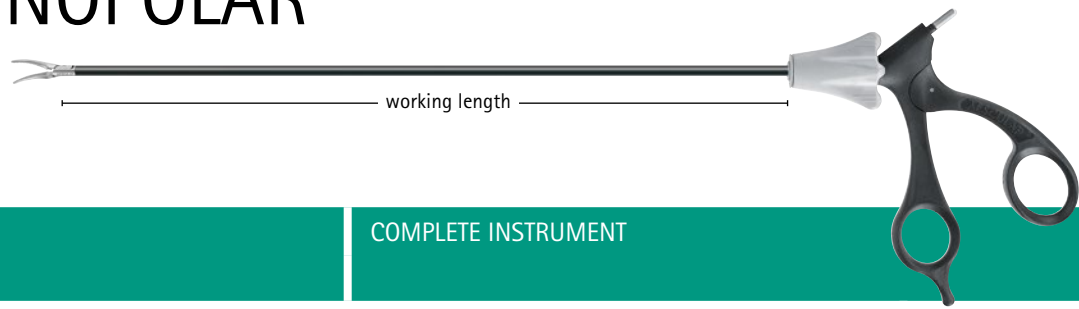










		COMPLETE INSTRUMENT
	PO233R	5 mm / 310 mm
	Atraumatic universal forceps with grooves	
	PO234R	5 mm / 420 mm
	Atraumatic universal forceps with grooves	
	PO235R	5 mm / 310 mm
	Atraumatic universal forceps with grooves	
	PO236R	5 mm / 420 mm
	Atraumatic universal forceps with grooves	
	PO216R	5 mm / 310 mm
	Atraumatic grasping forceps, jaw part fenestrated	
	PO217R	5 mm / 420 mm
	Atraumatic grasping forceps, jaw part fenestrated	
	PO128R	5 mm / 310 mm
	Atraumatic universal grasping forceps, jaw part fenestrated	
	PO229R	5 mm / 420 mm
	Atraumatic universal grasping forceps, jaw part fenestrated	





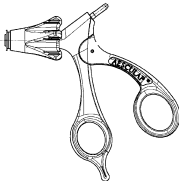




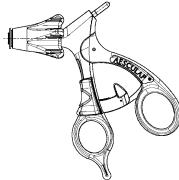





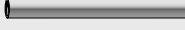


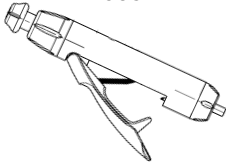

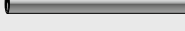


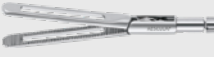
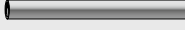

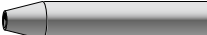

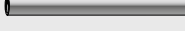

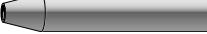


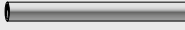

SINGLE PARTS			INDIVIDUAL COMPONENTS	
Jaw insert	Insulated outer tube	Handle		
P0786R 	PM973R 	P0959R 	PM975R  Ø 5/10 mm	P0958R 
P0787R 	PM981R 	P0959R 	PM975R  Ø 5/10 mm	P0959R 
P0788R 	PM973R 	P0959R 	PM975R  Ø 5/10 mm	P0958R 
P0789R 	PM981R 	P0959R 		PM953R 
P0769R 	PM973R 	P0958R 	PM975R  Ø 5/10 mm	PM954R 
P0770R 	PM981R 	P0958R 		PM957R 
P0647R 	PM973R 	P0959R 	PM975R  Ø 5/10 mm	
P0782R 	PM981R 	P0959R 	PM975R  Ø 5/10 mm	

AdTec® MONOPOLAR

GRASPING FORCEPS

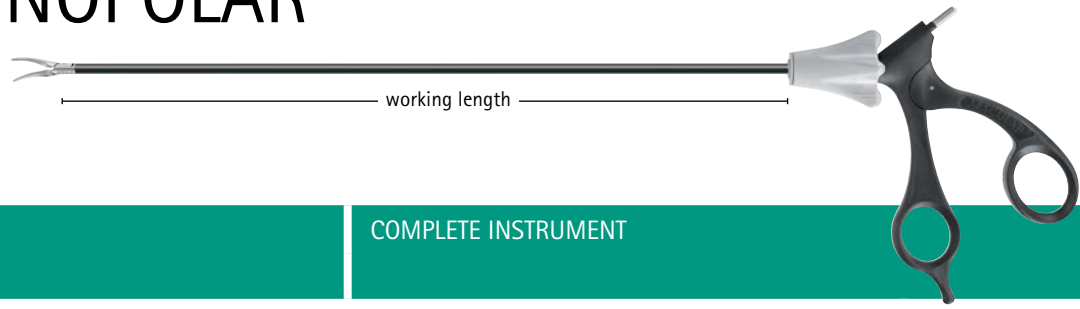


		COMPLETE INSTRUMENT	
	P0191R	Universal fixation and dissecting forceps, jaw part fenestrated	5 mm / 310 mm
30 mm	1/1		
	P0185R	CROCE/OLMI Atraumatic grasping forceps	5 mm / 310 mm
30 mm	1/1		
	P0232R	CROCE/OLMI Atraumatic grasping forceps, jaw part fenestrated	5 mm / 310 mm
30 mm	1/1		
	P0222R	Short universal fixation and dissecting forceps, jaw part fenestrated	5 mm / 310 mm
19 mm	1/1		
	P0223R	Short universal fixation and dissecting forceps, jaw part fenestrated	5 mm / 420 mm
19 mm	1/1		
	P0112R	DORSEY Intestinal grasping forceps	5 mm / 310 mm
35 mm	1/1	Instrument with protruding jaw parts	
		DORSEY Intestinal grasping forceps	5 mm / 370 mm
35 mm	1/1	Instrument with protruding jaw parts	
	P0204R	DORSEY Intestinal grasping forceps	5 mm / 420 mm
35 mm	1/1	Instrument with protruding jaw parts	





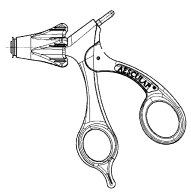




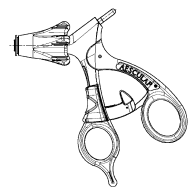

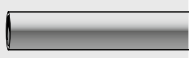




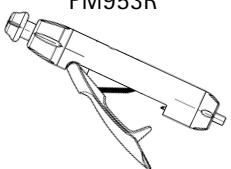

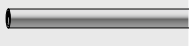


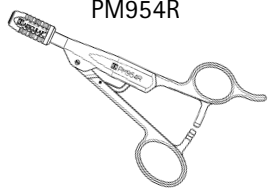

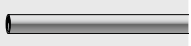


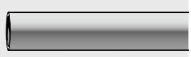

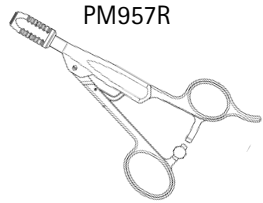

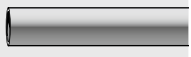

		SINGLE PARTS			INDIVIDUAL COMPONENTS	
	Jaw insert	Insulated outer tube	Handle			
	P0736R 	PM973R 	P0959R 	PM975R  Ø 5/10 mm	P0958R 	
	P0728R 	PM973R 	P0959R 	PM975R  Ø 5/10 mm	P0959R 	
	P0785R 	PM973R 	P0959R 	PM975R  Ø 5/10 mm		
	P0775R 	PM973R 	P0959R 	PM975R  Ø 5/10 mm	PM953R 	
	P0776R 	PM981R 	P0959R 		PM954R 	
	P0618R 	PM973R 	P0959R 	PM975R  Ø 5/10 mm		
	PM618R 	PM976R 	P0959R 	PM978R  Ø 5/10 mm	PM957R 	
	P0755R 	PM981R 	P0959R 			

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GRASPING FORCEPS

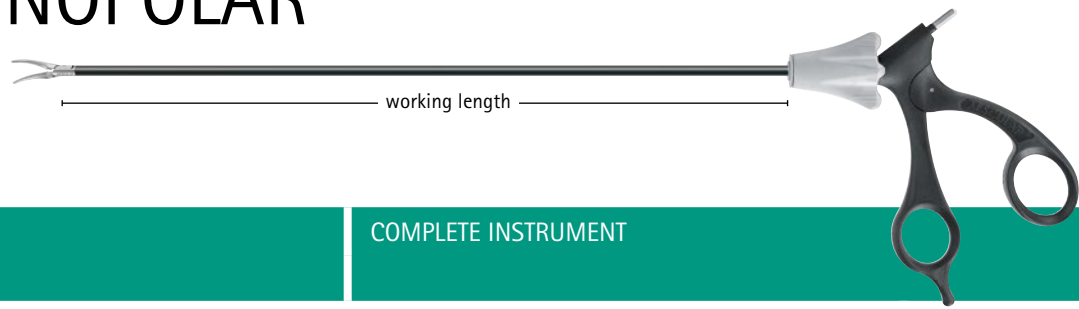






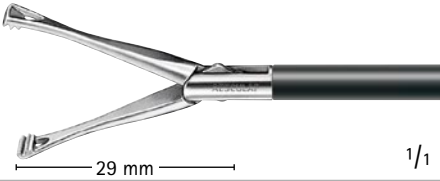



		COMPLETE INSTRUMENT
	P0113R	BABCOCK Tissue-grasping forceps 5 mm / 310 mm
		BABCOCK Tissue-grasping forceps 5 mm / 310 mm For use with flexible 13 mm trocars only
	P0114R	BABCOCK Tissue-grasping forceps 10 mm / 310 mm
	P0205R	BABCOCK Tissue-grasping forceps 10 mm / 420 mm
	P0212R	BABCOCK Tissue-grasping forceps 5 mm / 310 mm
	P0209R	BABCOCK Tissue-grasping forceps 5 mm / 420 mm
	P0196R	BABCOCK Tissue-grasping forceps 10 mm / 370 mm
	P0197R	MEYER Tissue grasping and manipulation forceps, jaw length 90 mm 3/4





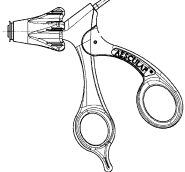




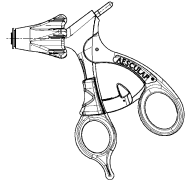



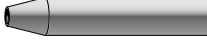




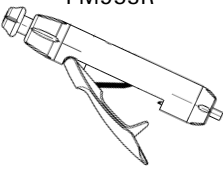

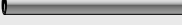




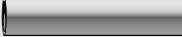









		SINGLE PARTS			INDIVIDUAL COMPONENTS	
	Jaw insert	Insulated outer tube	Handle			
	P0619R 	PM973R 	P0959R 	PM975R  Ø 5/10 mm	P0958R 	
	PM640R 	PM973R 	P0959R 	PM975R  Ø 5/10 mm	P0959R 	
	P0620R 	PM974R 	P0959R 			
	P0757R 	PM982R 	P0959R 			PM953R 
	P0765R 	PM973R 	P0959R 	PM975R  Ø 5/10 mm	PM954R 	
	P0762R 	PM981R 	P0959R 			
	P0741R 	PM977R 	P0959R 			PM957R 
	P0742R 	PM977R 	P0959R 			

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GRASPING FORCEPS

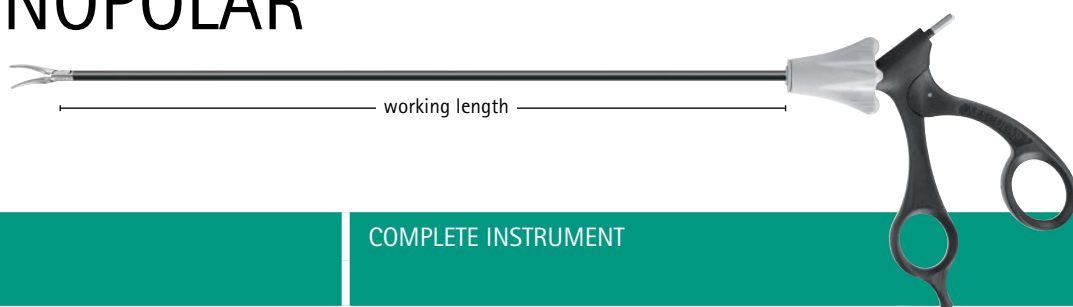




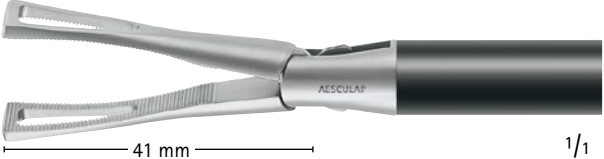
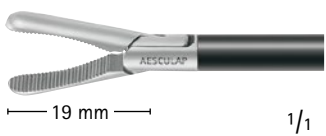




		COMPLETE INSTRUMENT	
	PO104R	ALLIS Atraumatic tissue grasping forceps	5 mm / 310 mm
	1/1	Instrument with protruding jaw parts	
		ALLIS Atraumatic grasping forceps	5 mm / 310 mm
	1/1	For use with flexible 13 mm trocars only	
		LINDER Endo lung grasping forceps	5 mm / 220 mm
	1/1	For use with flexible 13 mm trocars only	
		LINDER Endo lung grasping forceps	5 mm / 310 mm
	1/1	For use with flexible 13 mm trocars only	
		DUVAL Atraumatic endo parenchyma fixation forceps	5 mm / 310 mm
	1/1	Instrument with protruding jaw parts	
		DUVAL Atraumatic endo parenchyma fixation forceps	10 mm / 370 mm
	1/1	Instrument with protruding jaw parts	
	PO188R	KIEFER Atraumatic universal and lung forceps	10 mm / 310 mm
	1/1		
	PO215R	Intestinal grasping forceps, jaw length 60 mm	10 mm / 310 mm
	1/1		





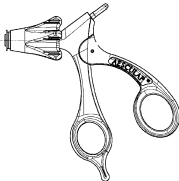




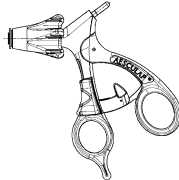







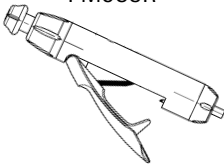









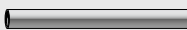


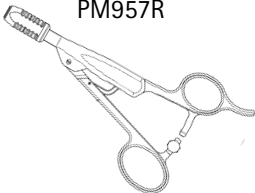




SINGLE PARTS				INDIVIDUAL COMPONENTS	
Jaw insert	Insulated outer tube	Handle			
PO610R 	PM973R 	P0958R 	PM975R  Ø 5/10 mm	P0958R 	
PM670R 	PM973R 	P0959R 	PM975R  Ø 5/10 mm	P0959R 	
PM696R 	PM970R 	P0958R 	PM971R  Ø 5/10 mm		
PM687R 	PM973R 	P0958R 	PM975R  Ø 5/10 mm	PM953R 	
PM609R 	PM973R 	P0959R 	PM975R  Ø 5/10 mm	PM954R 	
PM612R 	PM977R 	P0959R 		PM957R 	
P0731R 	PM975R 	P0959R 	PM973R  Ø 5 mm		
P0768R 	PM974R 	P0959R 			

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GRASPING FORCEPS

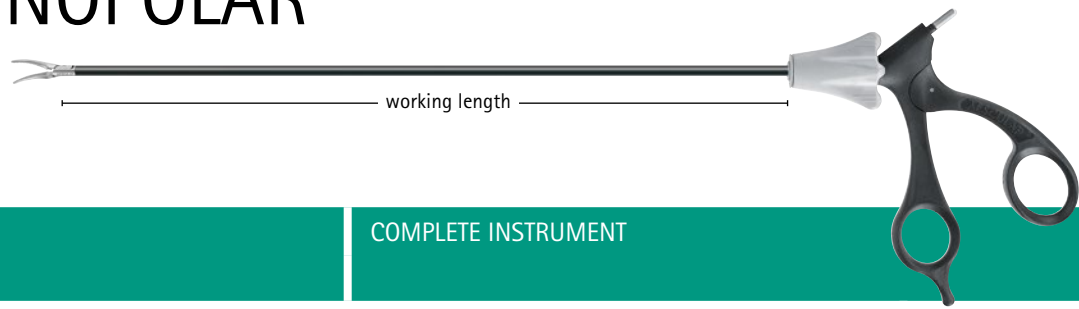


		COMPLETE INSTRUMENT	
	PO186R	CROCE/OLMI Combination fixation and dissection forceps, especially for gall bladder	5 mm / 310 mm
	PO105R	HEYWOOD-SMITH Tissue- and swab forceps	10 mm / 310 mm
		PENNINGTON Tissue-grasping forceps Instrument with protruding jaw parts	10 mm / 370 mm
	PO211R	Fixation forceps, medium size serration	5 mm / 310 mm
	PO208R	Fixation forceps, medium size serration	5 mm / 420 mm
	PO149R	Fixation forceps, jaw parts fenestrated, fine serration	5 mm / 310 mm
	PO206R	Fixation forceps, jaw parts fenestrated, medium size serration	5 mm / 310 mm
	PO130R	Atraumatic grasping forceps, jaw part fenestrated	5 mm / 310 mm

		SINGLE PARTS			INDIVIDUAL COMPONENTS	
	Jaw insert	Insulated outer tube	Handle			
	P0729R 	PM973R 	P0959R 	PM975R  Ø 5/10 mm	P0958R 	
	P0611R 	PM975R 	P0959R 	PM973R  Ø 5 mm	P0959R 	
	PM679R 	PM977R 	P0959R 			
	P0764R 	PM973R 	P0958R 	PM975R  Ø 5/10 mm	PM953R 	
	P0761R 	PM981R 	P0958R 		PM954R 	
	P0680R 	PM973R 	P0958R 	PM975R  Ø 5/10 mm		
	P0758R 	PM973R 	P0958R 	PM975R  Ø 5/10 mm	PM957R 	
	P0646R 	PM973R 	P0958R 	PM975R  Ø 5/10 mm		

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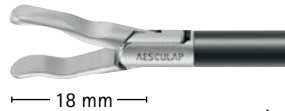
GRASPING FORCEPS



COMPLETE INSTRUMENT

PO129R

5 mm / 310 mm



Tube fixation and dissecting forceps

1/1

PO200R

5 mm / 420 mm



Tube fixation and dissecting forceps

1/1

PO210R

5 mm / 310 mm



Tube fixation forceps

1/1

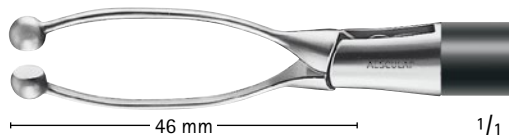
PO207R

5 mm / 420 mm



Tube fixation forceps

1/1



Endo fixation forceps, especially to grasp around the intestine

10 mm / 310 mm

Instrument with protruding jaw parts

1/1

PO189R





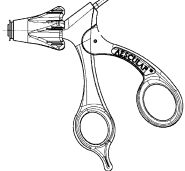



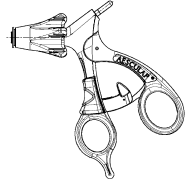




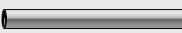

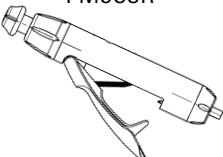





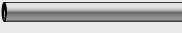


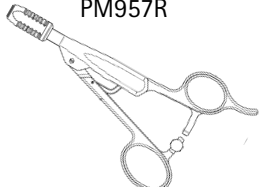
5 mm / 310 mm



MASSOUD
Delicate forceps for lateral fixation of structures and vascular grafts during dissection and anastomosis

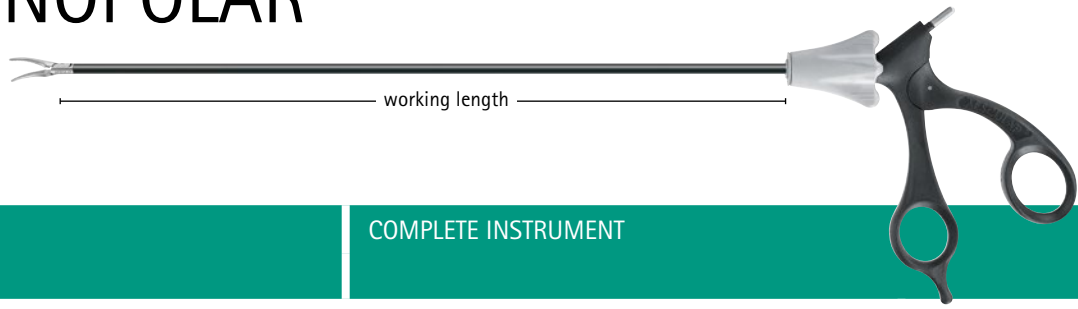
1/1

For use with flexible 13 mm trocars only

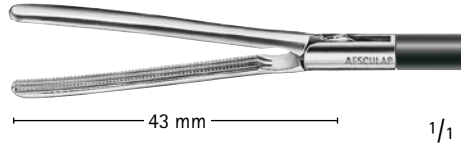
SINGLE PARTS			INDIVIDUAL COMPONENTS	
Jaw insert	Insulated outer tube	Handle		
P0645R 	PM973R 	P0958R 	PM975R  Ø 5/10 mm	P0958R 
P0748R 	PM981R 	P0958R 		P0959R 
P0763R 	PM973R 	P0958R 	PM975R  Ø 5/10 mm	
	PM981R 	P0958R 		PM953R 
PM681R 	PM974R 	P0959R 		PM954R 
P0734R 	PM973R 	P0958R 	PM975R  Ø 5/10 mm	PM957R 

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COMPLETE INSTRUMENT



DE BAKEY
Atraumatic clamp 5 mm / 310 mm

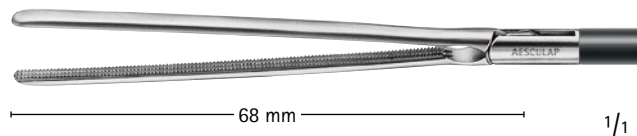
Instrument with protruding jaw parts

P0137R



DE BAKEY
Atraumatic clamp 5 mm / 420 mm

Instrument with protruding jaw parts

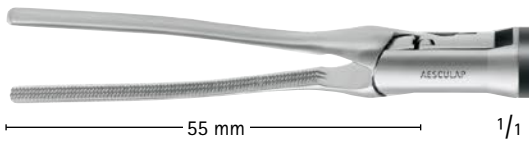


DE BAKEY
Atraumatic clamp 5 mm / 310 mm

Instrument with protruding jaw parts



DE BAKEY
Atraumatic clamp 10 mm / 370 mm



DE BAKEY
Atraumatic clamp 10 mm / 220 mm

P0118R







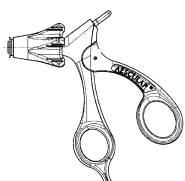

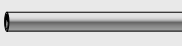

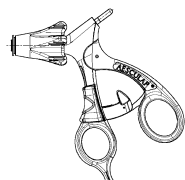

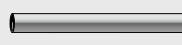



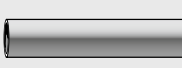

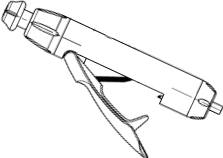

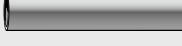



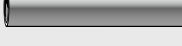


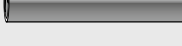

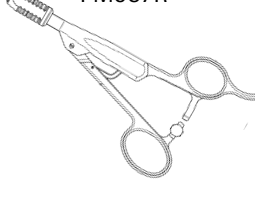
DE BAKEY
Atraumatic clamp 10 mm / 370 mm

P0228R



SIMON
Renal pole clamp for local ischaemia during tumor resection 10 mm / 310 mm

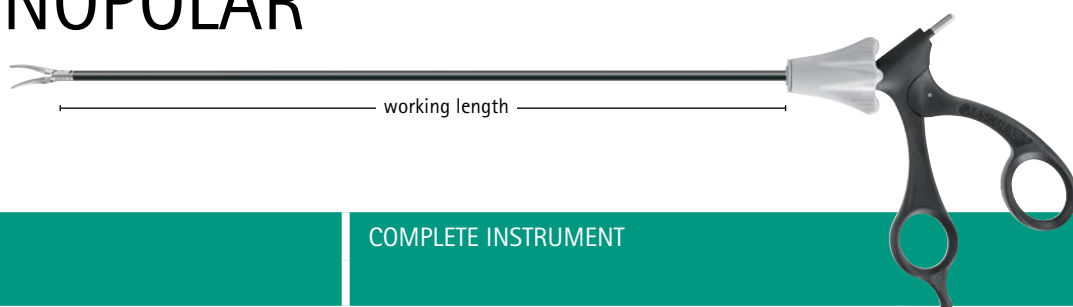
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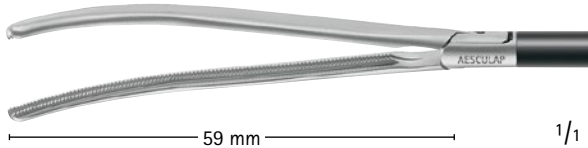
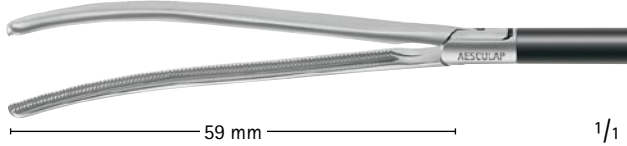
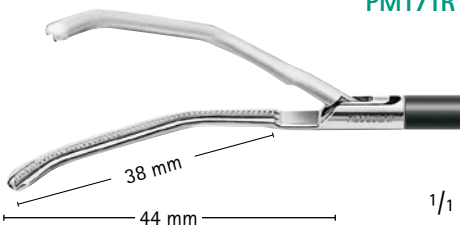
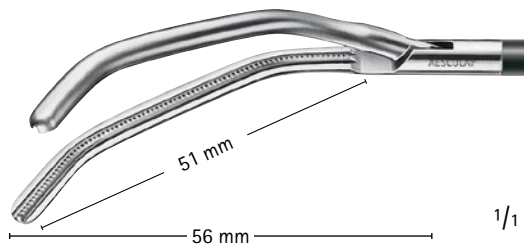
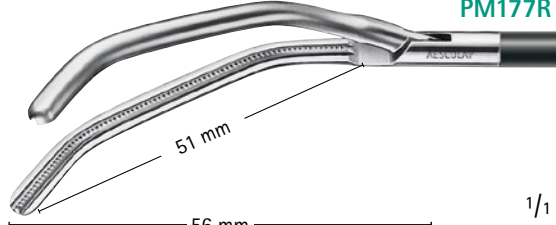
SINGLE PARTS			INDIVIDUAL COMPONENTS	
Jaw insert	Insulated outer tube	Handle		
PM657R 	PM973R 	P0959R 	PM975R  Ø 5/10 mm	P0958R 
P0657R 	PM981R 	P0959R 		P0959R 
PM658R 	PM973R 	P0959R 	PM975R  Ø 5/10 mm	
PM651R 	PM977R 	P0959R 		PM953R 
PM712R 	PM992R 	PM957R 		PM954R 
P0624R 	PM977R 	P0959R 		
P0781R 	PM974R 	P0959R 		PM957R 





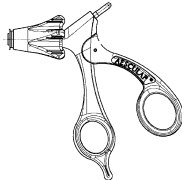

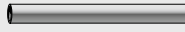


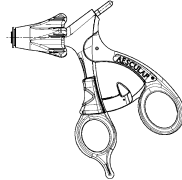





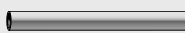


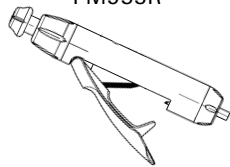






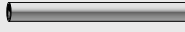



GRASPING FORCEPS

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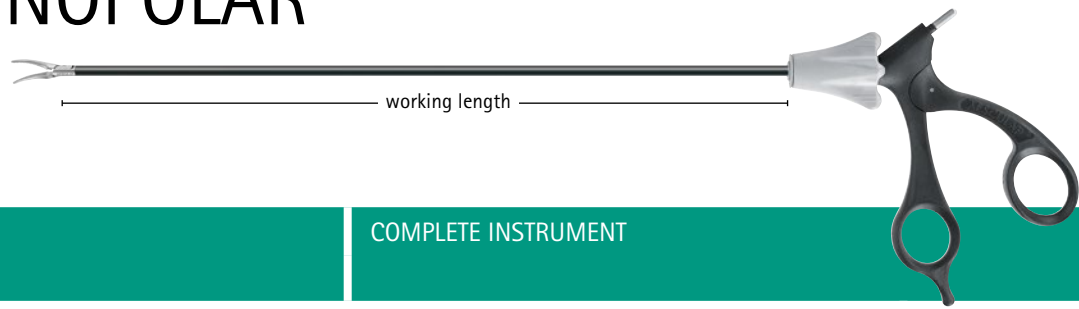


		COMPLETE INSTRUMENT	
	PM173R	CRAFOORD Endo-vascular clamp	5 mm / 310 mm
43 mm	1/1	For use with 10 mm trocars	
	PM178R	CRAFOORD Endo-vascular clamp	5 mm / 310 mm
59 mm	1/1	For use with 10 mm trocars	
	P0152R	CRAFOORD Endo-vascular clamp	5 mm / 370 mm
59 mm	1/1	For use with 10 mm trocars	
	PM171R	SATINSKY Atraumatic clamp	5 mm / 310 mm
38 mm	1/1	For use with flexible 13 mm trocars only	
44 mm			
		SATINSKY Atraumatic clamp	5 mm / 220 mm
51 mm	1/1	For use with flexible 13 mm trocars only	
56 mm			
	PM177R	SATINSKY Atraumatic clamp	5 mm / 310 mm
51 mm	1/1	For use with flexible 13 mm trocars only	
56 mm			

	SINGLE PARTS			INDIVIDUAL COMPONENTS	
	Jaw insert	Insulated outer tube	Handle		
	PM713R 	PM973R 	PM957R 	PM975R  Ø 5/10 mm	P0958R 
	PM719R 	PM973R 	PM957R 	PM975R  Ø 5/10 mm	P0959R 
	P0684R 	PM976R 	P0959R 	PM978R  Ø 5/10 mm	
	PM711R 	PM973R 	PM957R 	PM975R  Ø 5/10 mm	PM953R 
	PM690R 	PM970R 	PM957R 	PM971R  Ø 5/10 mm	PM954R 
	PM616R 	PM973R 	PM957R 	PM975R  Ø 5/10 mm	PM957R 

AdTec® MONOPOLAR

GRASPING FORCEPS



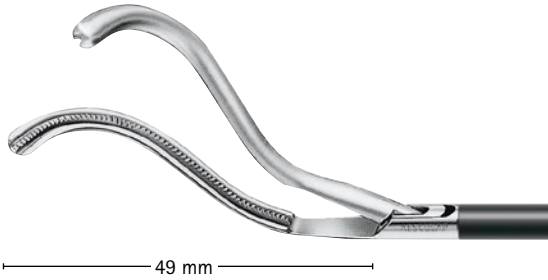
COMPLETE INSTRUMENT

DE BAKEY

5 mm / 220 mm

Pulmonary clamp acc. to LINDER, s-shaped

For use with flexible 13 mm trocars only



1/1

PM176R

DE BAKEY

5 mm / 310 mm

Atraumatic fixation forceps acc. to LINDER, s-shaped

For use with flexible 13 mm trocars only



1/1

PM175R

DE BAKEY





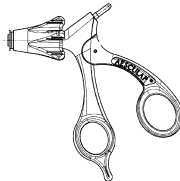




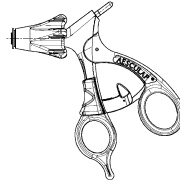




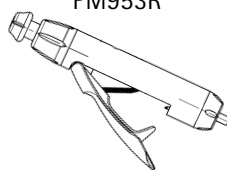

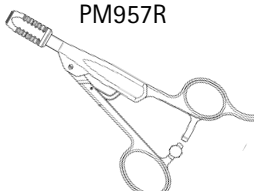
5 mm / 310 mm

Atraumatic fixation forceps acc. to LINDER, s-shaped

For use with flexible 13 mm trocars only

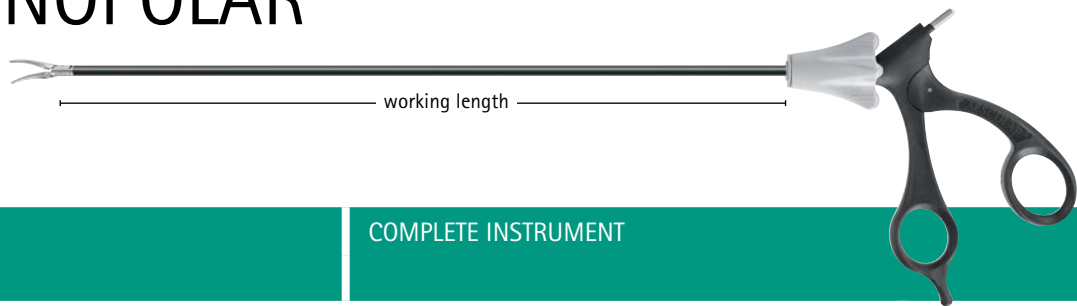


1/1

SINGLE PARTS				INDIVIDUAL COMPONENTS	
Jaw insert	Insulated outer tube	Handle			
<p>PM693R</p> 	<p>PM970R</p> 	<p>PM957R</p> 	<p>PM971R</p> 	<p>P0958R</p> 	
			<p>Ø 5/10 mm</p>		
<p>PM689R</p> 	<p>PM973R</p> 	<p>PM957R</p> 	<p>PM975R</p> 	<p>P0959R</p> 	
			<p>Ø 5/10 mm</p>		
<p>PM671R</p> 	<p>PM973R</p> 	<p>PM957R</p> 	<p>PM975R</p> 	<p>PM953R</p> 	
			<p>Ø 5/10 mm</p>		
				<p>PM954R</p> 	
				<p>PM957R</p> 	

AdTec® MONOPOLAR

GRASPING FORCEPS



COMPLETE INSTRUMENT

5 mm / 220 mm



Pike-mouth forceps with reservoir in the jaws

1/1

P0107R

5 mm / 310 mm



Pike-mouth forceps with reservoir in the jaws

1/1



Large pike-mouth forceps extra-wide jaws

1/1

10 mm / 310 mm



Fixation forceps, 2 x 3 teeth

1/1

P0117R

10 mm / 310 mm



Grasping forceps, 2 x 4 teeth

1/1

P0132R

5 mm / 310 mm



Grasping forceps, 2 x 4 teeth

1/1

P0201R

5 mm / 420 mm



Grasping forceps, 1 x 2 teeth

1/1

5 mm / 310 mm





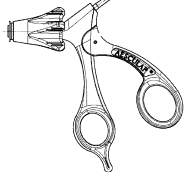

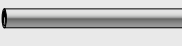


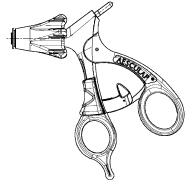






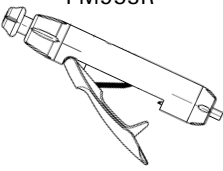

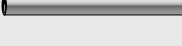




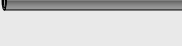


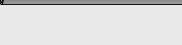






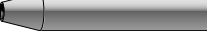
P0134R

5 mm / 310 mm



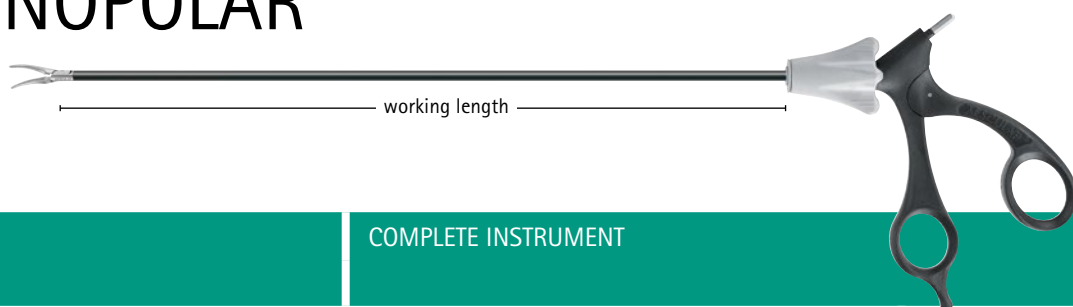
Grasping forceps, fine teeth

1/1





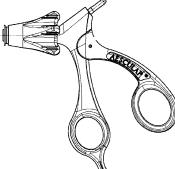
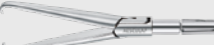



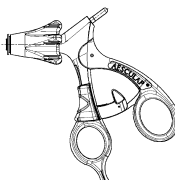

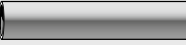


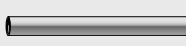


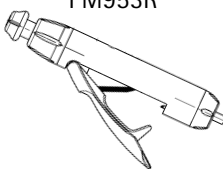




		SINGLE PARTS			INDIVIDUAL COMPONENTS	
	Jaw insert	Insulated outer tube	Handle			
	P0634R 	PM970R 	P0959R 	PM971R  Ø 5/10 mm	P0958R 	
	P0613R 	PM973R 	P0959R 	PM975R  Ø 5/10 mm		P0959R 
	PM621R 	PM974R 	P0959R 			
	P0623R 	PM974R 	P0959R 			PM953R 
	P0648R 	PM973R 	P0959R 	PM975R  Ø 5/10 mm		PM954R 
	P0749R 	PM981R 	P0959R 			
	PM649R 	PM973R 	P0959R 	PM975R  Ø 5/10 mm		PM957R 
	P0650R 	PM973R 	P0959R 	PM975R  Ø 5/10 mm		

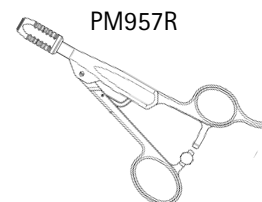
AdTec® MONOPOLAR

GRASPING FORCEPS



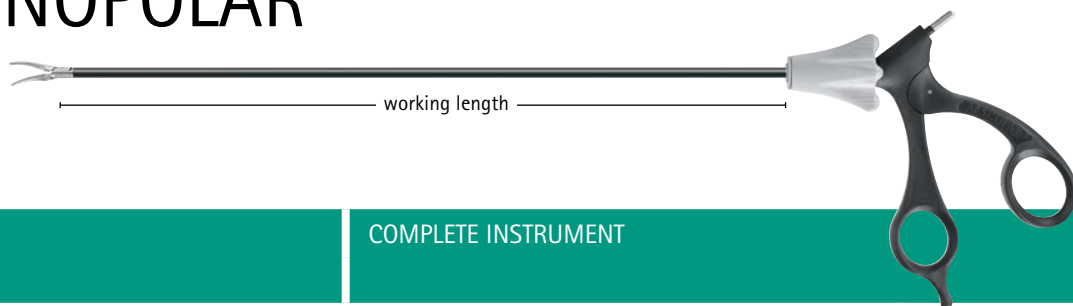
		COMPLETE INSTRUMENT	
<p>19 mm</p>	<p>PO111R</p> <p>NELSON Grasping forceps, sharp</p> <p>1/1</p>	<p>5 mm / 310 mm</p>	
<p>33 mm</p>	<p>PO224R</p> <p>Tenaculum Grasping forceps</p> <p>1/1</p>	<p>5 mm / 310 mm</p>	
<p>42 mm</p>	<p>PO225R</p> <p>Tenaculum Grasping forceps</p> <p>1/1</p>	<p>10 mm / 310 mm</p>	
<p>23 mm</p>	<p>PO194R</p> <p>Lymph node grasping forceps</p> <p>1/1</p>	<p>5 mm / 220 mm</p>	
<p>36 mm</p>	<p>Endo lymph node fixation forceps</p> <p>1/1</p>	<p>10 mm / 310 mm</p>	

		SINGLE PARTS			INDIVIDUAL COMPONENTS	
	Jaw insert	Insulated outer tube	Handle			
	P0617R 	PM973R 	P0959R 	PM975R  Ø 5/10 mm	P0958R 	
	P0777R 	PM973R 	P0959R 	PM975R  Ø 5/10 mm	P0959R 	
	P0778R 	PM974R 	P0959R 			
	P0739R 	PM970R 	P0959R 	PM971R  Ø 5/10 mm	PM953R 	
	PM688R 	PM974R 	P0959R 		PM954R 	


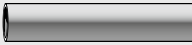





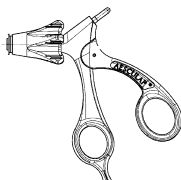

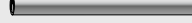





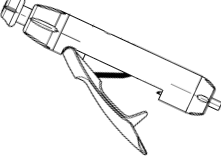





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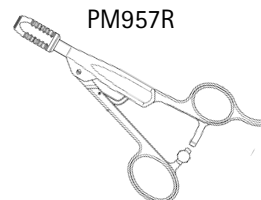
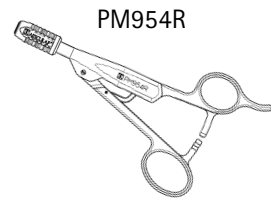
BIOPSY FORCEPS



		COMPLETE INSTRUMENT
<p>31 mm</p>	<p>PO500R</p> <p>Large biopsy forceps</p> <p>1/1</p>	<p>10 mm / 310 mm</p>
<p>15 mm</p>	<p>PO501R</p> <p>Sample excision forceps</p> <p>1/1</p>	<p>5 mm / 310 mm</p>
<p>15 mm</p>	<p>PO509R</p> <p>Sample excision forceps</p> <p>1/1</p>	<p>5 mm / 420 mm</p>
<p>14 mm</p>	<p>PO505R</p> <p>Biopsy forceps with teeth</p> <p>1/1</p>	<p>5 mm / 310 mm</p>
<p>14 mm</p>	<p>PO511R</p> <p>Biopsy forceps with teeth</p> <p>1/1</p>	<p>5 mm / 420 mm</p>

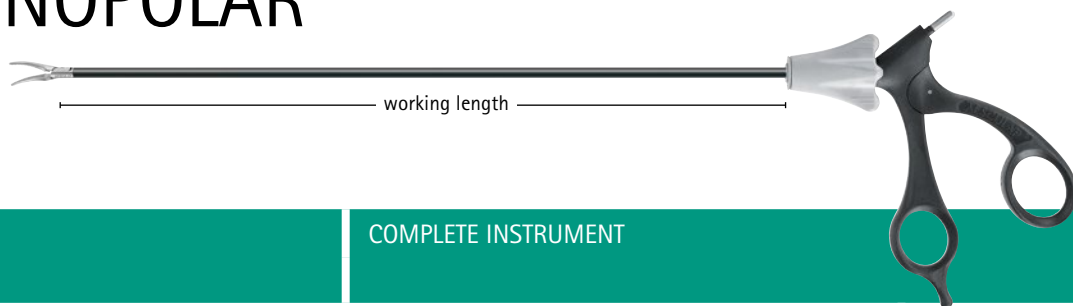
SINGLE PARTS			INDIVIDUAL COMPONENTS	
Jaw insert	Insulated outer tube	Handle		
P0705R 	PM974R 	P0958R 		
P0626R 	PM973R 	P0958R 	PM975R 	P0958R 
P0750R 	PM981R 	P0958R 		
P0652R 	PM973R 	P0958R 	PM975R 	PM953R 
P0756R 	PM981R 	P0958R 		

BIOPSY FORCEPS



AdTec[®] MONOPOLAR

BIOPSY FORCEPS



5 mm / 220 mm

COMPLETE INSTRUMENT



← 14 mm →

Biopsy forceps cutting

1/1

PO502R

5 mm / 310 mm



← 14 mm →

Biopsy forceps cutting

1/1

PO512R

5 mm / 420 mm



← 14 mm →

Biopsy forceps cutting

1/1

FRANGENHEIM

5 mm / 310 mm

Biopsy forceps cutting



← 14 mm →

1/1

PO510R





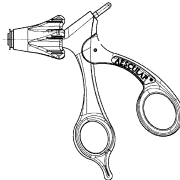




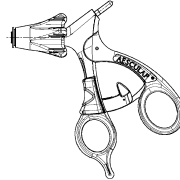

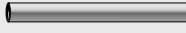


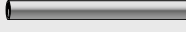


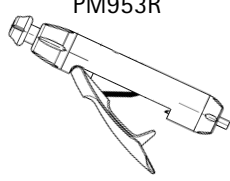

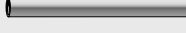


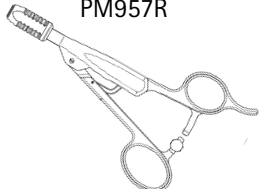
5 mm / 420 mm



← 14 mm →

FRANGENHEIM
Biopsy forceps cutting

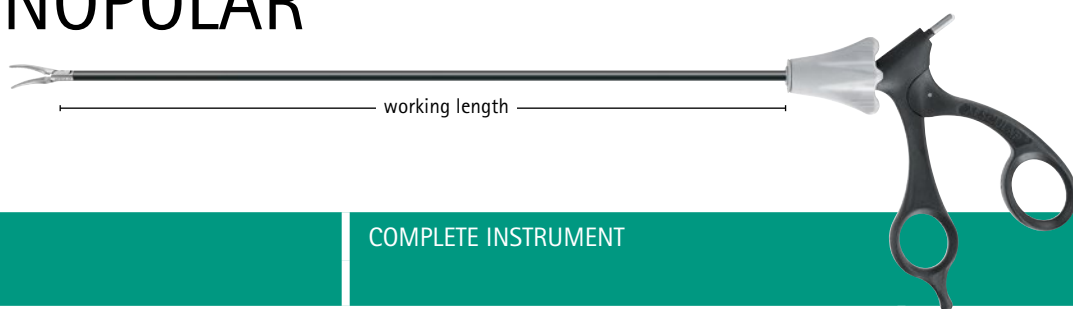
1/1

SINGLE PARTS			INDIVIDUAL COMPONENTS	
Jaw insert	Insulated outer tube	Handle		
PM635R 	PM970R 	P0958R 	PM971R  Ø 5/10 mm	P0958R 
P0627R 	PM973R 	P0958R 	PM975R  Ø 5/10 mm	P0959R 
P0759R 	PM981R 	P0958R 		
PM653R 	PM973R 	P0958R 	PM975R  Ø 5/10 mm	PM953R 
P0751R 	PM981R 	P0958R 		PM954R 
				PM957R 

BIOPSY FORCEPS

AdTec[®] MONOPOLAR

NEEDLE HOLDERS



COMPLETE INSTRUMENT

5 mm / 310 mm

PO550R



DUROGRIP Needle holder, with tungsten carbide inserts

1/1

PO559R



DUROGRIP Needle holder, with tungsten carbide inserts, curved

1/1





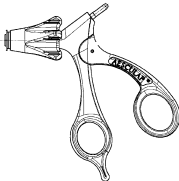




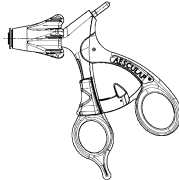



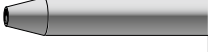


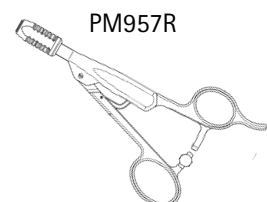
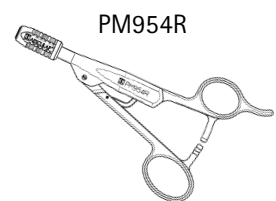
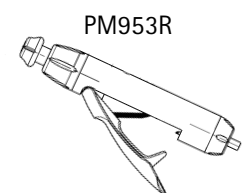
Knot pushing forceps

1/1

5 mm / 310 mm

5 mm / 310 mm

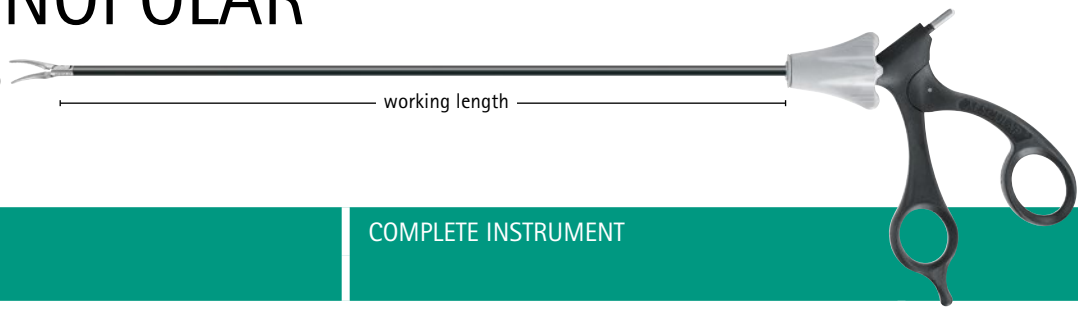
SINGLE PARTS			INDIVIDUAL COMPONENTS	
Jaw insert	Insulated outer tube	Handle		
P0628R 	PM973R 	P0959R 	PM975R  Ø 5/10 mm	P0958R 
P0668R 	PM973R 	P0959R 	PM975R  Ø 5/10 mm	P0959R 
PM654R 	PM973R 	P0958R 	PM975R  Ø 5/10 mm	



NEEDLE HOLDERS

AdTec® MONOPOLAR

THORAX INSTRUMENTS



COMPLETE INSTRUMENT

METZENBAUM

5 mm / 310 mm

Scissors, serrated, tips curved to the left, with carbide inserts, distal shaft bent

For use with flexible 7 or 13 mm trocars only



1/1

5 mm / 310 mm

Peritonealscissors, serrated, distal shaft bent

For use with flexible 7 or 13 mm trocars only



1/1

MARYLAND

5 mm / 310 mm

Fixation and dissecting forceps, curved, distal shaft bent

For use with flexible 7 or 13 mm trocars only



1/1

HEYWOOD-SMITH




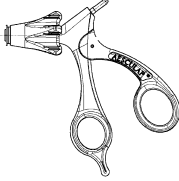



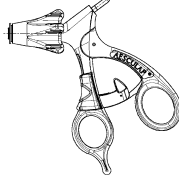



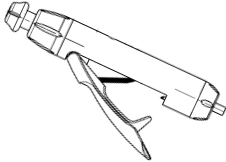





5 mm / 310 mm

Tissue and swab forceps, distal shaft bent

For use with flexible 13 mm trocars only

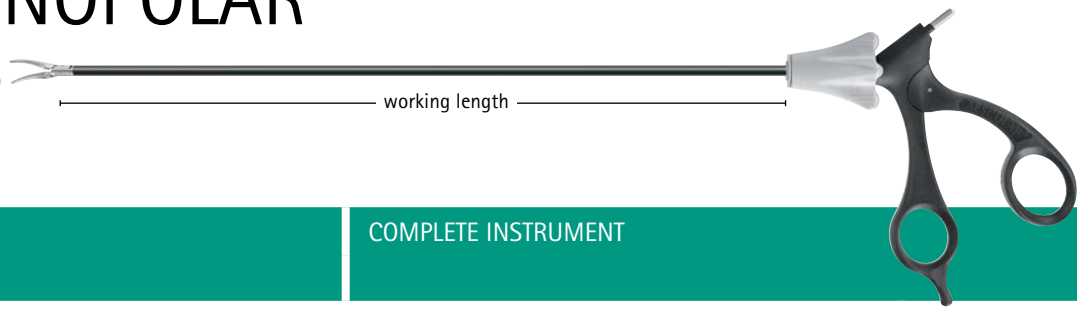


1/1

SINGLE PARTS			INDIVIDUAL COMPONENTS
Jaw insert	Insulated outer tube	Handle	
P0636R + PM940R 	PM983P 	P0958R 	P0958R 
PM637R + PM940R 	PM983P 	P0958R 	P0959R 
P0669R + PM940R 	PM983P 	P0958R 	PM953R 
P0641R + PM940R 	PM983P 	P0959R 	PM954R 
			PM957R 

AdTec[®] MONOPOLAR

THORAX INSTRUMENTS



COMPLETE INSTRUMENT

5 mm / 310 mm



Pike-mouth forceps with reservoir in the jaws, distal shaft bent

For use with flexible 7 or 13 mm trocars only

1/1



NELSON
Grasping forceps, sharp, distal shaft bent

For use with flexible 7 or 13 mm trocars only

1/1

5 mm / 310 mm


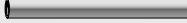

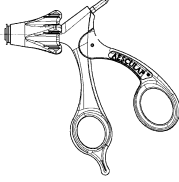



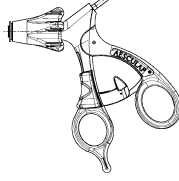

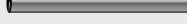

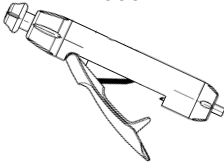




Sample excision forceps, distal shaft bent

For use with flexible 7 or 13 mm trocars only

1/1

5 mm / 310 mm

SINGLE PARTS			INDIVIDUAL COMPONENTS
Jaw insert	Insulated outer tube	Handle	
P0642R + PM940R 	PM983P 	P0959R 	P0958R 
P0638R + PM940R 	PM983P 	P0959R 	P0959R 
PM643R + PM940R 	PM983P 	P0959R 	PM953R 
			PM954R 
			PM957R 

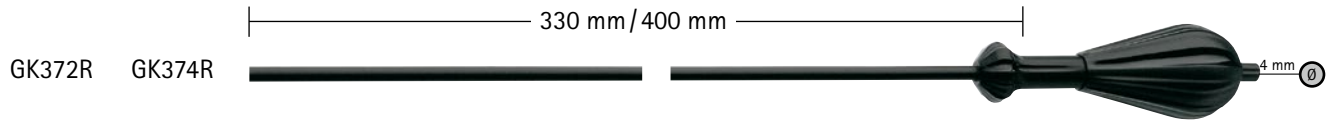
MONOPOLAR LAPAROSCOPIC ELECTRODES



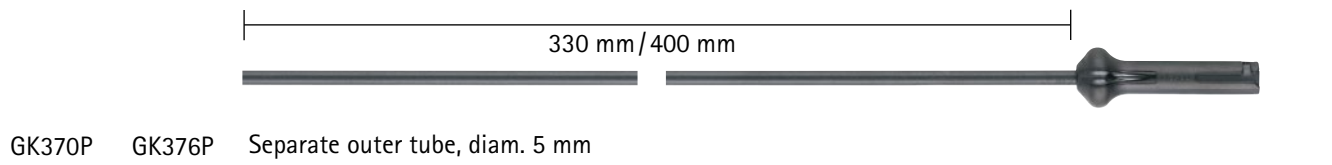
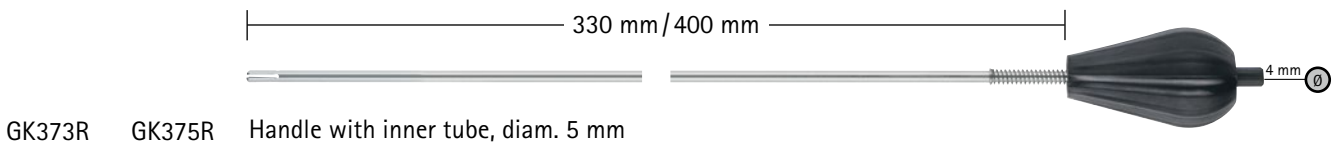
THE MODULAR DESIGN SIMPLIFIES DISASSEMBLY, CLEANING, MAINTENANCE AND STERILE PREPARATION

- bayonet connection
- different electrodes can be combined with the handle
- fast exchange of individual components due to modular design
- ceramic tips
- insulation up to the working tip

330 mm 420 mm Handle for monopolar laparoscopic electrodes, diam. 5 mm



330 mm 420 mm Spare parts (components of GK372R/GK374R)



GK383R		Hook electrode, J-shaped
GK384R		Hook electrode, L-shaped
GK385R		Ball electrode
GK386R		Spatula electrode
GK393R		Hook electrode, J-shaped
GK394R		Hook electrode, J-shaped, 90° curved to the right
GK395R		Ball electrode, curved

MONOPOLAR LAPAROSCOPIC ELECTRODES

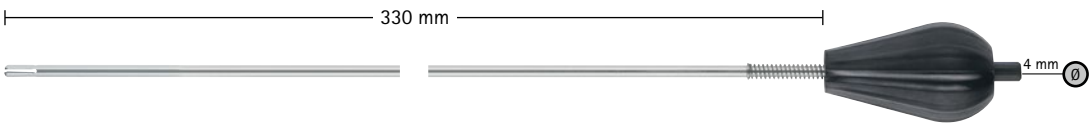
330 mm Low-energy micropin, complete, Ø 5 mm



Art. no. Spare parts (components of GK390R)



GK389R Pin electrode only (pack of 5 pcs.)
product is to be reprocessed only once (delivery unsterile)



GK373R Handle with inner tube, diam. 5 mm



GK371P Separate outer tube, diam. 5 mm



Art. no. Monopolar connecting cable 3.5 m; on the instrument side for a 4 mm contact pin



GN202 AESCULAP®, ACMI, Berchtold, Martin



GK239 ERBE ICC / ACC, KARL STORZ



GK245 ERBE T



GK246 Valleylab, ACMI, Conmed, Eschmann, Erbe ICC Intern., US-Norm


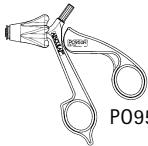

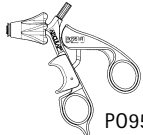


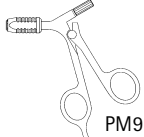

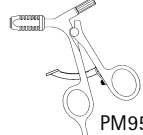

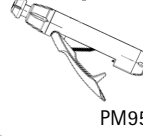


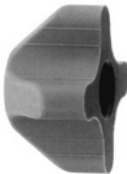
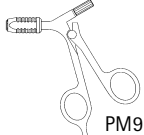
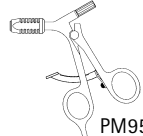
Art. no. Accessories




GK299 Wire brush for cleaning the electrodes

AdTec® MONOPOLAR

SPARE PARTS

Art. no.	HF contact pin for AdTec® monopolar handle P0950R, P0951R only	
P0950400	 AESCULAP®, Wolf, Storz (Click-line), Olympus (HiQ+), including cap, package of 5 pieces	 P0950R
P0950410	 Storz, old type, Package of 5 pieces	 P0951R
P0950420	 Olympus (HiQ) diam. 3 mm, package of 5 pieces	
Art. no.	HF contact pin for AdTec® monopolar handle PM950R, PM951R, PM953R, PM955R only	
PL170251	 AESCULAP®, Wolf, Storz (Click-line), Olumpus (HiQ+), including cap, package of 5 pieces	 PM950R
PL170256	 Olympus (HiQ), diam. 3 mm, package of 5 pieces	 PM951R
PL170258	 Storz, old type, package of 5 pieces	 PM953R
PL170250	 Luer-Lock adapter replaces HF-pin for rinsing the instrument, package of 5 pieces for handles P0950R, P0951R, PM950R, PM951R, PM953R, PM955R	 PM955R
Art. no.	Rotation knob for AdTec® monopolar handle PM950R, PM951R only	
PM950250	 Rotation knob, package of 5 pieces	 PM950R  PM951R

Art. no.	Length	Inner tube, straight, for instruments
PM630201	220 mm	
PM600201	310 mm	
PM618201	370 mm	
PM434201	420 mm	












Art. no.	Inner tube for thorax instruments (PM940R), consisting of:
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PM009250 Inner tube, curved on flat, for instruments, length 310 mm

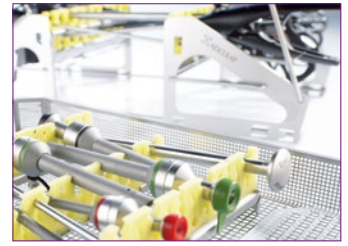


PM009251 Flexible tension rod

Art. no.	Length	Diam.	Insulated outer tube
PM970R	220 mm	5/5 mm	
PM971R	220 mm	5/10 mm	
PM992R	220 mm	10/10 mm	
PM973R	310 mm	5/5 mm	
PM975R	310 mm	5/10 mm	
PM974R	310 mm	10/10 mm	
PM976R	370 mm	5/5 mm	
PM978R	370 mm	5/10 mm	
PM977R	370 mm	10/10 mm	
PM981R	420 mm	5/5 mm	
PM982R	420 mm	10/10 mm	

Art. no.	Length	Diam.	Flexible outer tube for Thoracoscopy
PM983P	310 mm	5/5 mm	

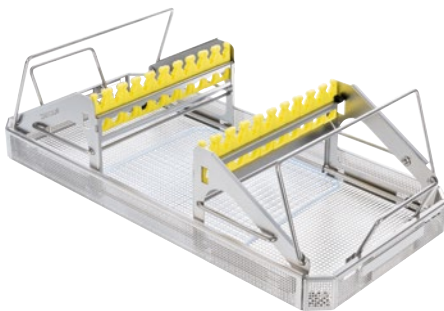
ENDO RACK



- Universal silicone storage rack for instruments
- Variable instrument storage
- Fold down handles for easier instrument removal
- Optional trocar storage

Art. no. Storage rack set for MIS instruments, standard

Art. no. Container for storage rack set PL960R



consisting of:

Storage rack, standard, perforated tray and silicon mat for instruments with shaft length up to 370 mm

PL960R

Dimensions: 540 x 253 x 166 mm

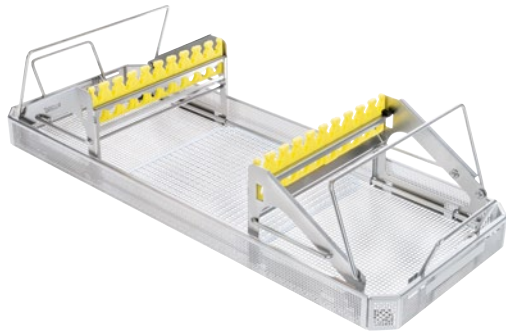
JK444 +
JK489

JK444 bottom and JK489 lid

External dimensions: 592 x 285 x 205 mm

Art. no.

Storage rack set for MIS instruments,
long



consisting of:
Storage rack, long, perforated tray and silicon
mat for instruments with shaft length up to
420 mm
Dimensions: 660 x 253 x 166 mm

PL961R

Art. no.

Container for storage rack set PL961R



JN445 bottom and JK490 lid
External dimensions: 711 x 285 x 205 mm
NB: The Endocontainer can only be sterilized in
sterilizers with the appropriate chamber size
(at least 720 mm working depth).

JN445 +
JK490

PL963R

Storage rack, standard
Dimensions: 487 x 250 x 153 mm



PL964R

Storage rack, long
Dimensions: 587 x 250 x 153 mm



PL962R

Trocar storage set
Universal silicone storage racks
for trocars



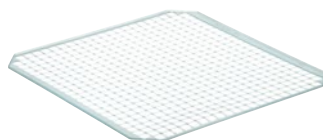
JG300

Fixation pin
10 pins / pack



JF938

Silicone mesh mat
Dimensions: 240 x 250 mm



PL960206

Silicone component



JG302

Screw driver



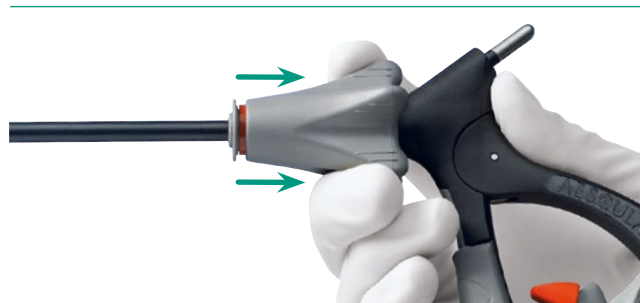
AdTec® MONOPOLAR

STANDARD INSTRUMENTS

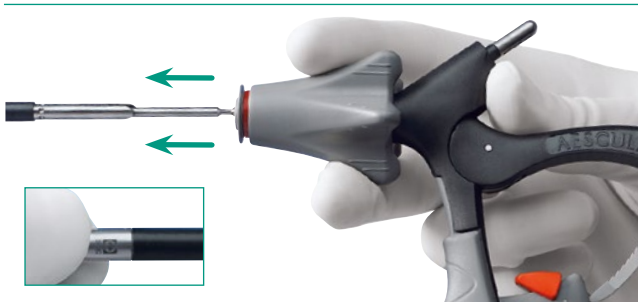
DISASSEMBLY



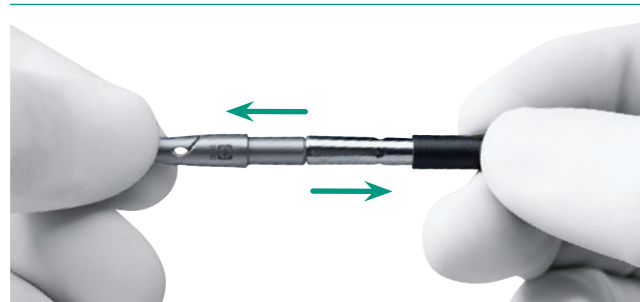
- 1** Deactivate ratchet on ratchet handle
Flip down red toggle switch.
N.B.: for PO959R only.



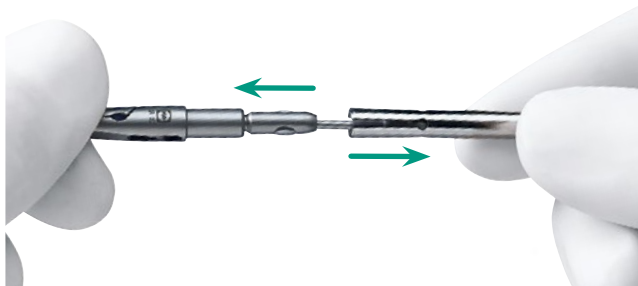
- 2** Disconnect shaft and handle
Pull rotation knob back until it locks in place. A red ring becomes visible.
Important: Do not hold on to the movable handle component.



- 3** Remove shaft from handle
Remove shaft by pulling the instrument shaft out of the handle.

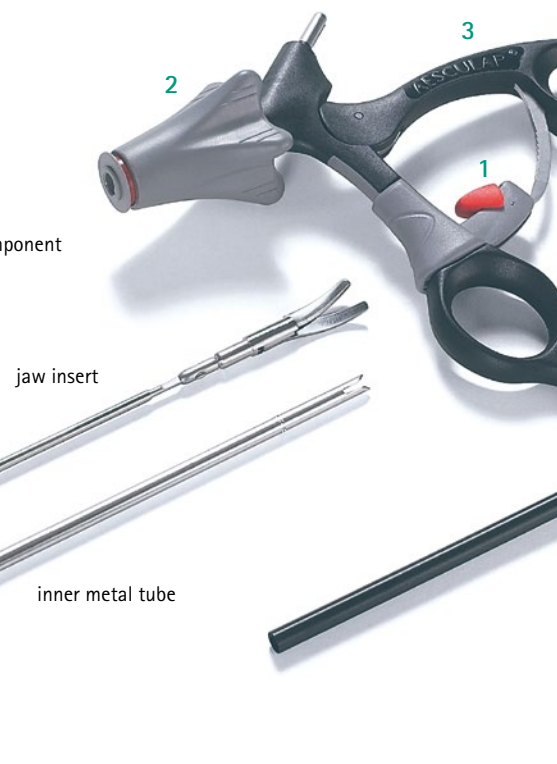


- 4** Disassemble shaft I
Hold the jaw insert at the tip and remove the outer insulation tube.

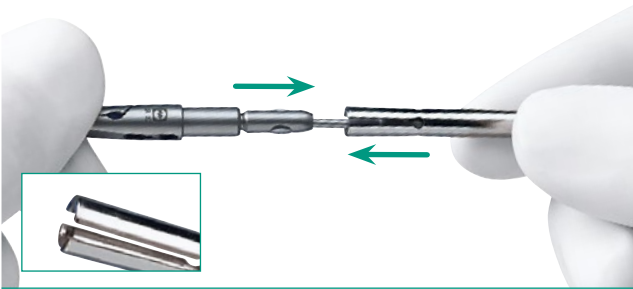


- 5** Disassemble shaft II
Hold the jaw insert at the tip and remove the inner metal tube.

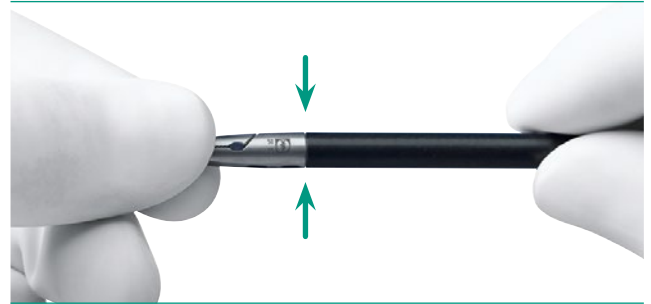
- 1 Toggle switch
2 Rotation knob
3 Movable handle component



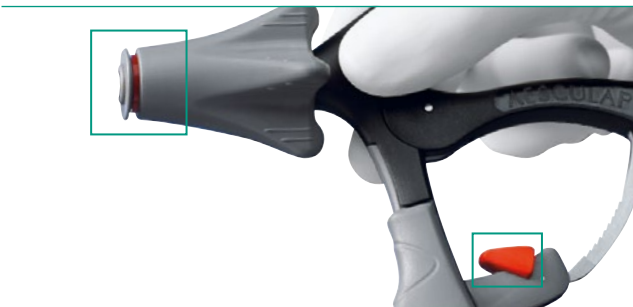
ASSEMBLY



- 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**
If the red ring is not visible, pull the rotation knob back.
Deactivate the ratchet by flipping down the red toggle switch.
N.B.: for P0959R only.



- 4 Connect shaft to handle**
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.
Important: Do not hold on 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.

Poster available: C22202

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CURVED THORACIC INSTRUMENT



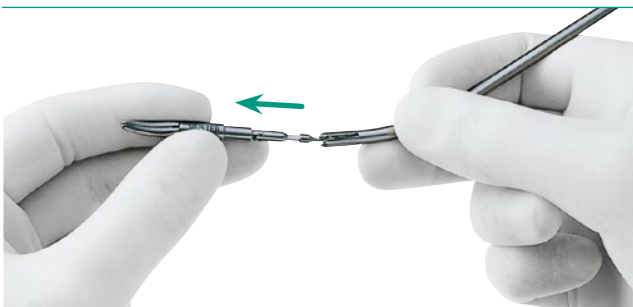
DISASSEMBLY



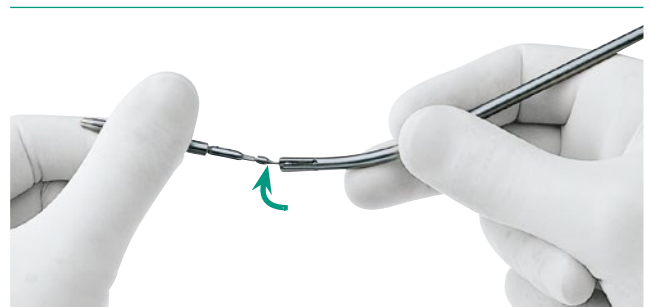
- 1** Pull back the spring mechanism indicated with an arrow as far as it will go. Hold at this position and at the same time pull out the shaft. **Note:** In the case of handle with a lock (PM954R, PM957R), open the ratchet completely.



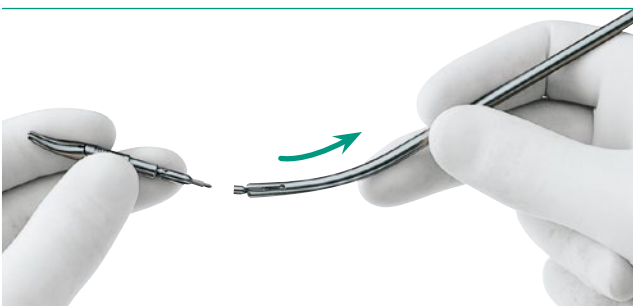
- 2** Pull off the insulated, flexible outer tube from the shaft.



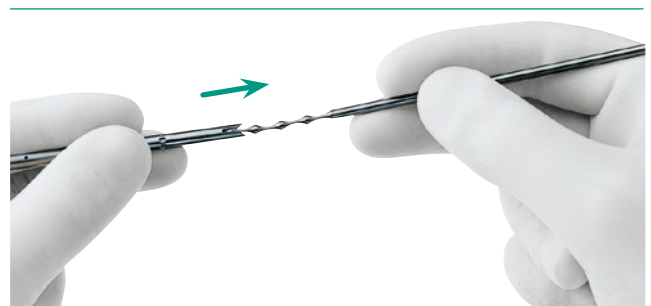
- 3** Push flexible tension rod towards the jaw part (approx. 1 cm).



- 4** Unscrew the jaw part as indicated by the arrow.



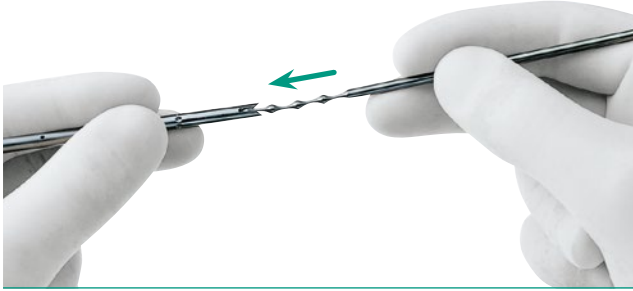
- 5** After unscrewing the jaw part, pull the tension rod backwards.



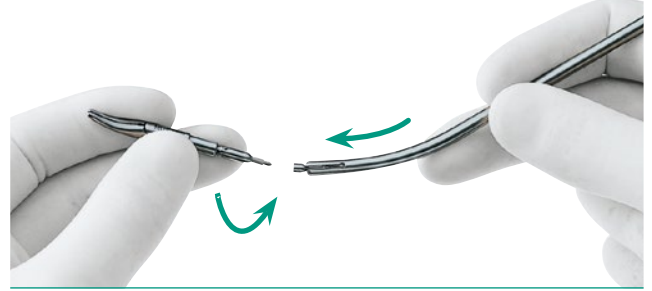
- 6** Remove the complete tension rod in a backward direction from the inner tube.



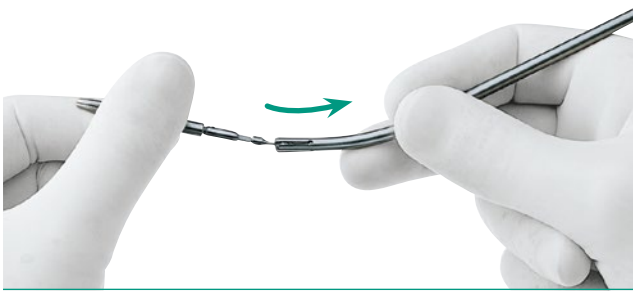
ASSEMBLY



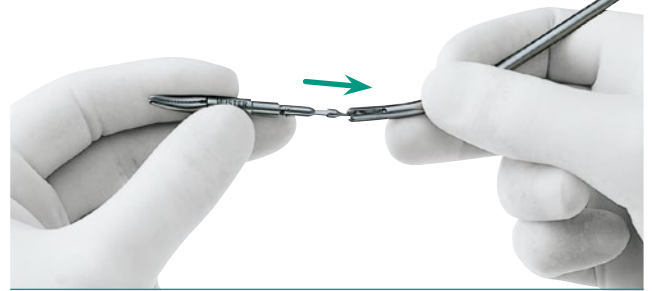
- 1** Push the flexible tension rod into the inner tube.



- 2** Push the tension rod forwards until the receptacle of the jaw part (screw thread) is clearly visible.



- 3** Screw on jaw part. Set the position of the jaw part relative to the shaft to meet the surgeon's needs. To do this, the thread connection must be slightly slackened (max. 1 turn).



- 4** Push jaw part with the flexible tension rod into the inner tube with the 4 slots.



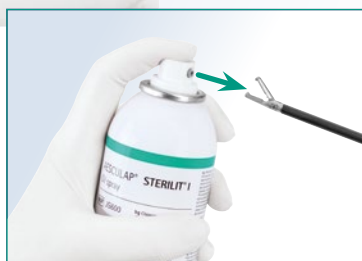
- 5** Push insulated flexible outer tube PM983P onto the inner tube.



- 6** Press movable ring part of the handle forwards and hold at this position. Pull back spring mechanism of the axial handle as far as it will go and hold it. Take the shaft at the distal tip, push shaft into the spring mechanism as far as it will go and join with a slightly rotary movement.

AdTec® MONOPOLAR



CARE



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



Art. no.	AESCULAP® Oil Spray
JG600	AESCULAP® Oil Spray in aerosol can, for maintenance of instruments prior to sterilization.
JG598	AESCULAP® Instrument Oil for box locks, ratchets etc. prior to sterilization.

Art. no.	Cleaning brush
	
GK469R	Cleaning brush diam. 3.7 mm, length 550 mm for inner tube and outer tube diam. 5 mm. Package of 6 pieces.
	
PM995R	Cleaning brush diam. 10 mm, length 550 mm for outer tube diam. 5 mm and diam. 10 mm. Package of 6 pieces.

AdTec® MONOPOLAR

AESFULAP® TECHNICAL SERVICE

QUALITY IS ECONOMICALLY!

If the AESFULAP® Quality Repair already represents the more economical route for simple, standard instrumentation, it's an absolute must for high quality endoscopic instruments. Every single incorrect repair can quickly turn a valuable instrument into an unusable commodity – frequently needing an expensive replacement investment.

It is not for nothing that our Service technicians learn the basic principles and techniques of instrument manufacture in their three and a half year training, from the raw material right through to the finished product. True to our claim – **Service by professionals for professionals.**

Thus our AESFULAP® Technical Service, with its quality monitored repair standards, guarantees high quality and long term preservation of value.

AESFULAP®'s repair service includes restoring the product as closely as possible to its new condition, taking economic aspects into account, and subjecting it to a final function test. Both the repair and the testing are carried out in accordance with the valid AESFULAP® Quality Standard.

SPECIAL SERVICE FEATURES

- Instrument disassembly
- Cleaning
- Restoration of function
- Use of original AESFULAP® spare parts
- Function test
- Original labelling with article number and ATS stamp
- Oiling and packaging



You can recognize an AESFULAP® Quality Repair by the ATS stamp!

AESFULAP® TECHNICAL SERVICE
HOTLINE: +49 7461 95 1601
ats@aesculap.de

AESFULAP® Technical Service _____
Year _____
Month _____





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Everyday life in hospitals and clinics can be challenging. Our goal is to empower the individuals that work in this sector with innovative, real-life education concepts. These concepts comprise cutting-edge research, improved simulation, insightful training, and significant content that shapes the future of medical care worldwide.

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AdTec[®] MONOPOLAR

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