



# AESCULAP® AdTec® MONOPOLAR

# AdTec® MONOPOLAR



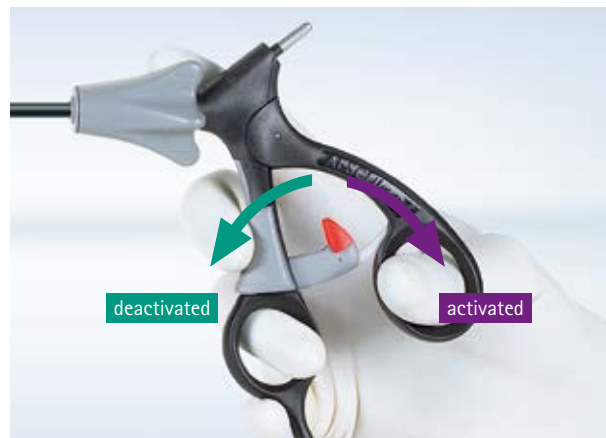
## JAW MECHANISM

- 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

## ECONOMICAL PRICE PERFORMANCE RATIO

- Profitable use of financial resources due to modular design

## UNIVERSAL

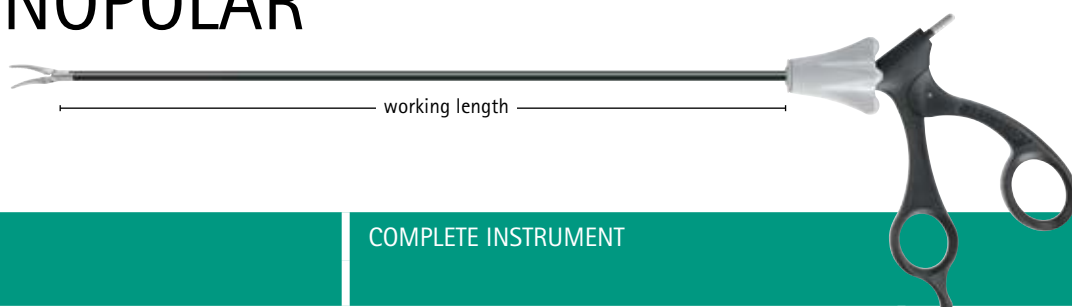
- Modular design consisting of four components, facilitating the disassembly, reprocessing, maintenance and sterile supply









## STERILIZATION


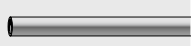


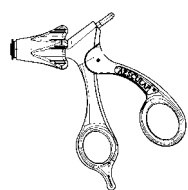

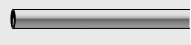


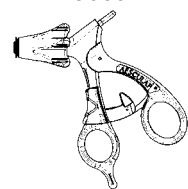

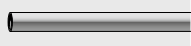


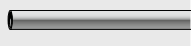


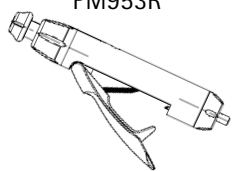

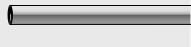


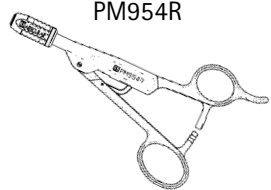






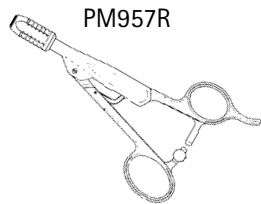

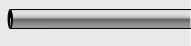

- Sterilization of the assembled instrument possible

# AdTec® MONOPOLAR

## SCISSORS

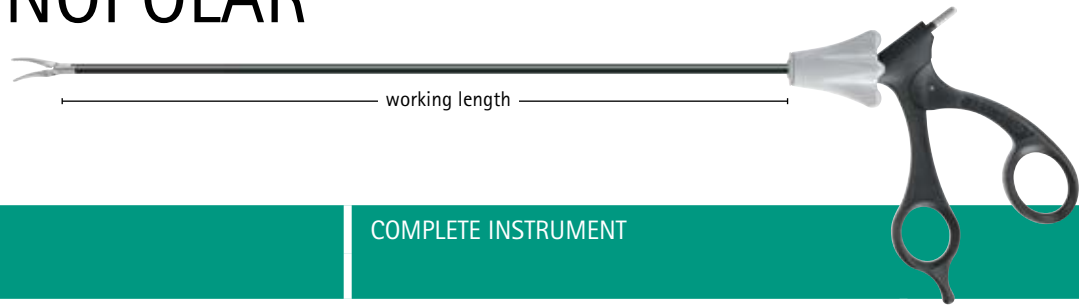









		COMPLETE INSTRUMENT	
	1/1	METZENBAUM Scissors, serrated, tips curved to the left, with carbide inserts	5 mm / 220 mm
	1/1	PO004R METZENBAUM Scissors, serrated, tips curved to the left, with carbide inserts	5 mm / 310 mm
	1/1	PO027R METZENBAUM Scissors, serrated, tips curved to the left, with carbide inserts	5 mm / 420 mm
	1/1	METZENBAUM Scissors, serrated, tips curved to left, with carbide inserts, PEEK insulation of the distal shaft Instrument with protruding jaw parts	5 mm / 310 mm
	1/1	PO022R CROCE/OLMI Dissecting and suture scissors with knot pusher	5 mm / 310 mm
	1/1	METZENBAUM Scissors, serrated, tips curved to the left, with carbide inserts Instrument with protruding jaw parts	10 mm / 310 mm
	1/1	PO090R Noir® METZENBAUM Scissors, serrated, tips curved to the left, with carbide inserts	5 mm / 310 mm
	1/1	PO091R Noir® Mini-METZENBAUM Scissors, serrated, tips curved to the left, with carbide inserts	5 mm / 310 mm




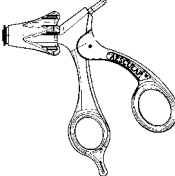

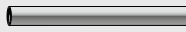

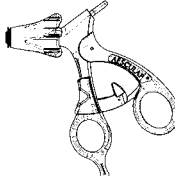








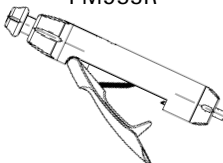

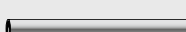

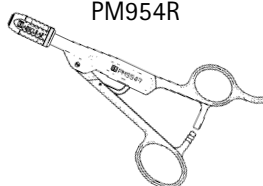








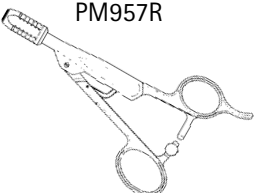
SINGLE PARTS				INDIVIDUAL COMPONENTS	
Jaw insert	Insulated outer tube	Handle			
P0631R 	PM970R 	P0958R 	PM971R  Ø 5/10 mm	P0958R 	
P0603R 	PM973R 	P0958R 	PM975R  Ø 5/10 mm	P0959R 	
P0746R 	PM981R 	P0958R 			
PM697R 	PM973R 	P0958R 	PM975R  Ø 5/10 mm	PM953R 	
P0727R 	PM973R 	P0958R 	PM975R  Ø 5/10 mm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

# AdTec® MONOPOLAR

## SCISSORS

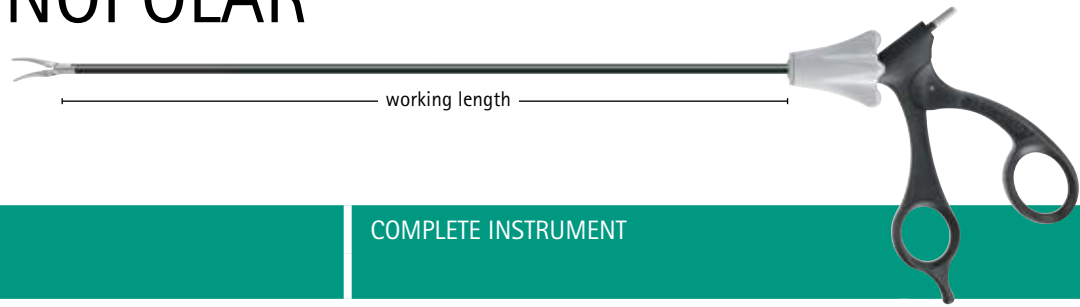









		COMPLETE INSTRUMENT	
	<b>PO030R</b>	Medium-METZENBAUM Scissors, serrated, tips curved to the left, with carbide inserts	5 mm / 310 mm
← 18 mm →	1/1		
	<b>PO031R</b>	Medium-METZENBAUM Scissors, serrated, tips curved to the left, with carbide inserts*	5 mm / 420 mm
← 18 mm →	1/1		
	<b>PO023R</b>	Mini-METZENBAUM Scissors, serrated, tips curved to the left, with carbide inserts	5 mm / 220 mm
← 14 mm →	1/1		
	<b>PO011R</b>	Mini-METZENBAUM Scissors, serrated, tips curved to the left, with carbide inserts	5 mm / 310 mm
← 14 mm →	1/1		
	<b>PO028R</b>	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	





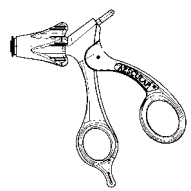

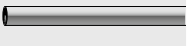

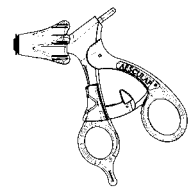

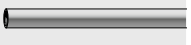

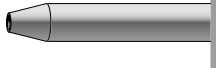

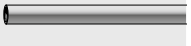

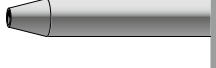
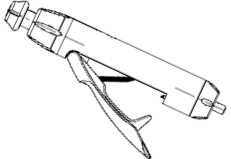

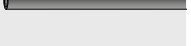


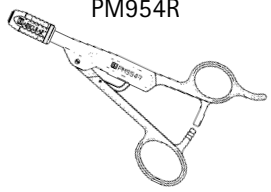

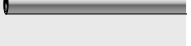
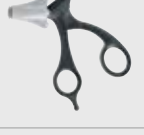




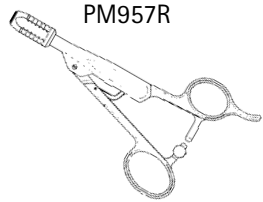
SINGLE PARTS			INDIVIDUAL COMPONENTS	
Jaw insert	Insulated outer tube	Handle		
P0715R 	PM970R 	P0958R 		P0958R 
P0716R 	PM981R 	P0958R 		P0959R 
P0738R 	PM970R 	P0958R 	PM971R  Ø 5/10 mm	
P0655R 	PM973R 	P0958R 	PM975R  Ø 5/10 mm	PM953R 
P0754R 	PM981R 	P0958R 		PM954R 
PM698R 	PM973R 	P0958R 	PM975R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

# AdTec® MONOPOLAR

## SCISSORS

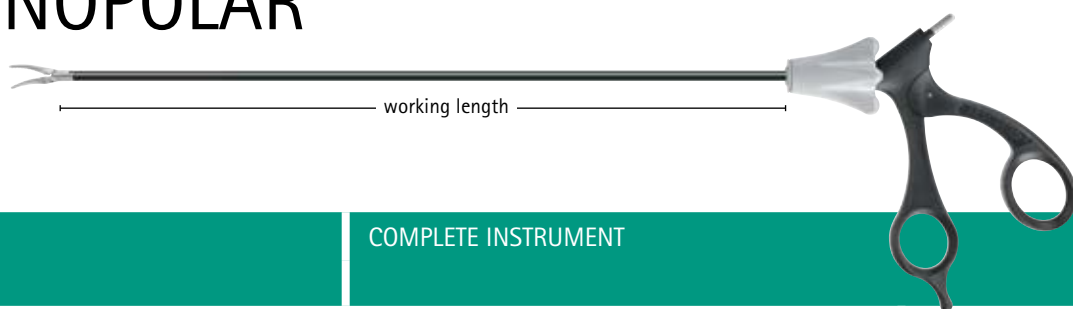








		COMPLETE INSTRUMENT	
	<b>PO001R</b>		5 mm / 310 mm
		Hook scissors, blunt	
		1/1	
	<b>PO025R</b>		5 mm / 420 mm
		Hook scissors, blunt	
		1/1	
	<b>PO002R</b>		5 mm / 310 mm
		Peritoneal scissors, serrated	
		1/1	
	<b>PO006R</b>		5 mm / 310 mm
		Peritoneal scissors with hook, serrated	
		1/1	
			5 mm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

SINGLE PARTS			INDIVIDUAL COMPONENTS	
Jaw insert	Insulated outer tube	Handle		
PO600R 	PM973R 	PO958R 	PM975R  Ø 5/10 mm	PO958R 
PO744R 	PM981R 	PO958R 		PO959R 
PO601R 	PM973R 	PO958R 	PM975R  Ø 5/10 mm	
PO625R 	PM973R 	PO958R 	PM975R  Ø 5/10 mm	PM953R 
PM630R 	PM970R 	PO958R 	PM971R  Ø 5/10 mm	PM954R 
PO602R 	PM973R 	PO958R 	PM975R  Ø 5/10 mm	
PO682R 	PM992R 	PO958R 		PM957R 


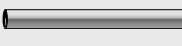


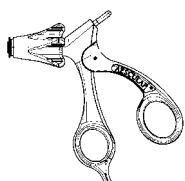

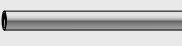


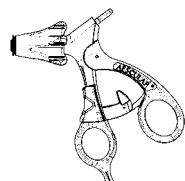

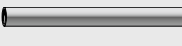


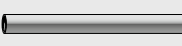


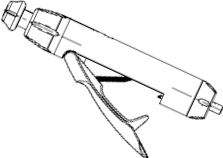

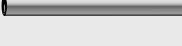



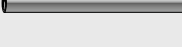

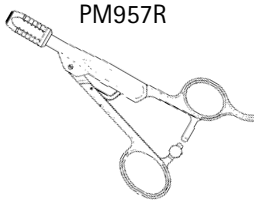
# AdTec® MONOPOLAR

DISSECTING FORCEPS



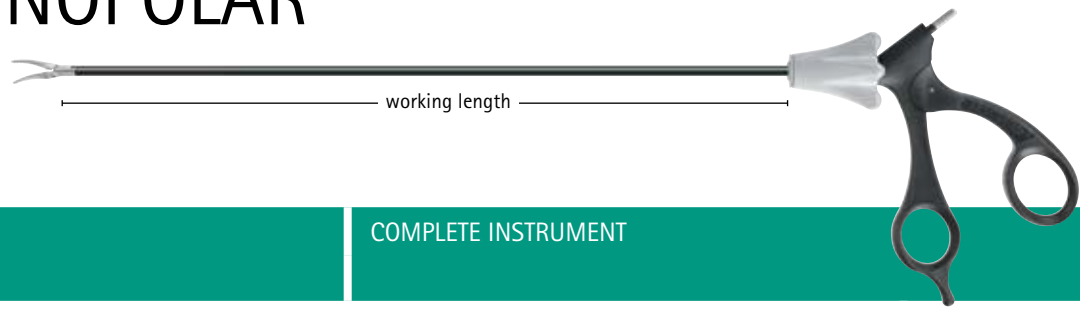
		COMPLETE INSTRUMENT	
	21 mm	1/1	MARYLAND Fixation and dissecting forceps, curved 5 mm / 220 mm
	21 mm	1/1	PO102R MARYLAND Fixation and dissecting forceps, curved 5 mm / 310 mm
	21 mm	1/1	PO202R MARYLAND Fixation and dissecting forceps, curved 5 mm / 420 mm
	19 mm	1/1	MARYLAND Fixation and dissecting forceps, insulation of the distal shaft 5 mm / 310 mm Instrument with protruding jaw parts
	21 mm	1/1	PO237R MARYLAND Fixation and dissecting forceps, curved with cross teething 5 mm / 310 mm
	21 mm	1/1	PO238R MARYLAND Fixation and dissecting forceps, curved with cross teething 5 mm / 420 mm













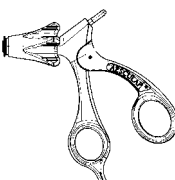

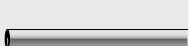


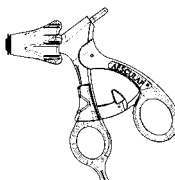



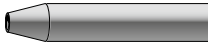
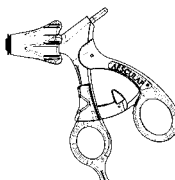

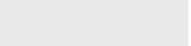

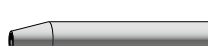
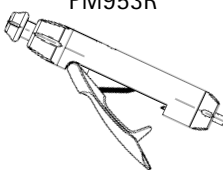

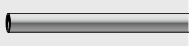


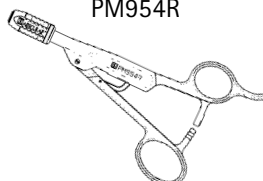

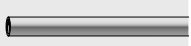


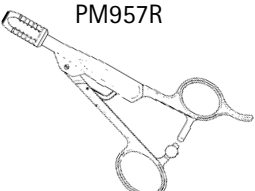
SINGLE PARTS			INDIVIDUAL COMPONENTS	
Jaw insert	Insulated outer tube	Handle		
P0632R 	PM970R 	P0958R 	PM971R  Ø 5/10 mm	P0958R 
P0608R 	PM973R 	P0958R 	PM975R  Ø 5/10 mm	P0959R 
P0752R 	PM981R 	P0958R 		
PM699R 	PM973R 	P0958R 	PM975R  Ø 5/10 mm	PM953R 
P0717R 	PM973R 	P0958R 		PM954R 
P0718R 	PM981R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

# AdTec® MONOPOLAR

DISSECTING FORCEPS

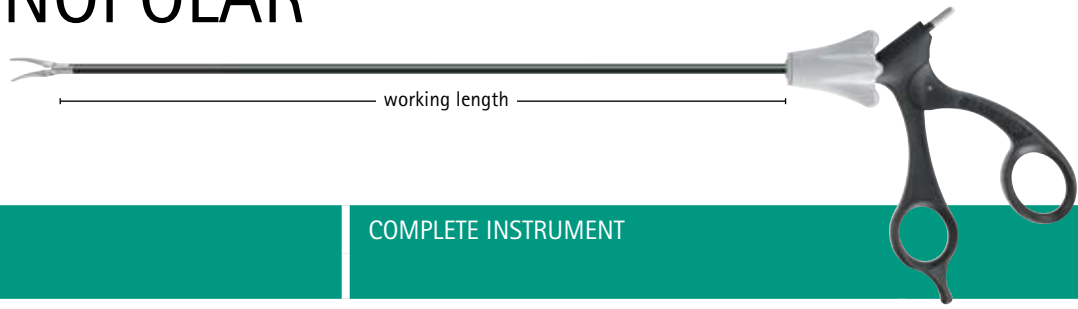










		COMPLETE INSTRUMENT	
	<b>P0195R</b>	<b>CROCE/OLMI</b> Fixation and dissection forceps, curved, jaw parts fenestrated	5 mm / 310 mm
20 mm	1/1		
	<b>P0100R</b>	Forceps with atraumatic teeth	5 mm / 310 mm
26 mm	1/1		
		Fixation and dissecting forceps, slim	5 mm / 310 mm
19 mm	1/1	Instrument with protruding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


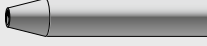


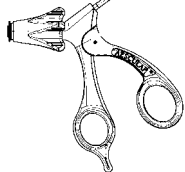




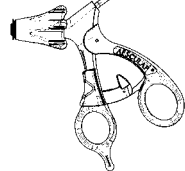





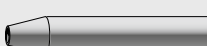


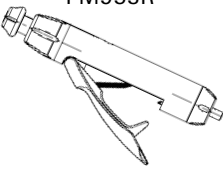

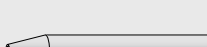




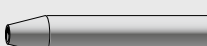



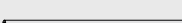


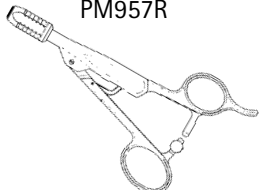




SINGLE PARTS			INDIVIDUAL COMPONENTS	
Jaw insert	Insulated outer tube	Handle		
<p>P0740R</p> 	<p>PM973R</p> 	<p>P0958R</p> 	<p>PM975R</p>  Ø 5/10 mm	<p>P0958R</p> 
<p>P0605R</p> 	<p>PM973R</p> 	<p>P0958R</p> 	<p>PM975R</p>  Ø 5/10 mm	<p>P0959R</p> 
<p>PM614R</p> 	<p>PM973R</p> 	<p>P0958R</p> 	<p>PM975R</p>  Ø 5/10 mm	<p>P0959R</p> 
<p>PM647R</p> 	<p>PM973R</p> 	<p>P0958R</p> 	<p>PM975R</p>  Ø 5/10 mm	<p>PM953R</p> 
<p>P0730R</p> 	<p>PM973R</p> 	<p>P0958R</p> 	<p>PM975R</p>  Ø 5/10 mm	<p>PM954R</p> 
<p>P0748R</p> 	<p>PM973R</p> 	<p>P0958R</p> 	<p>PM975R</p>  Ø 5/10 mm	<p>PM957R</p> 

# AdTec® MONOPOLAR

DISSECTING FORCEPS

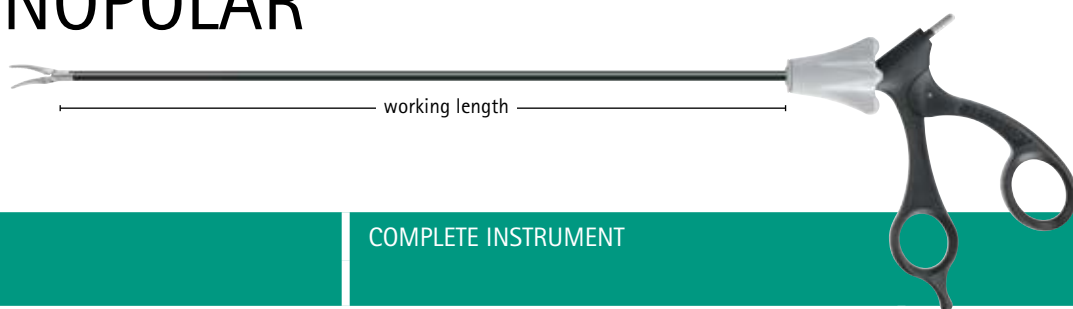


		COMPLETE INSTRUMENT	
	<b>PO103R</b>	OVERHOLT Dissecting clamp, 90°	10 mm / 310 mm
		OVERHOLT Dissecting clamp, 90°, PEEK insulation of the distal shaft  Instrument with protruding jaw parts	10 mm / 370 mm
	<b>PO219R</b>	OVERHOLT Dissecting forceps with fine tip, 90°	10 mm / 370 mm
	<b>PO141R</b>	OVERHOLT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









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		
P0661R 	PM975R 	P0958R 	PM973R  Ø 5 mm	PM953R 	
PM700R 	PM975R 	P0958R 	PM973R  Ø 5 mm	PM954R 	
P0773R 	PM978R 	P0958R 	PM976R  Ø 5 mm		
P0771R 	PM973R 	P0958R 	PM975R  Ø 5/10 mm	PM957R 	
P0766R 	PM976R 	P0958R 	PM978R  Ø 5/10 mm		





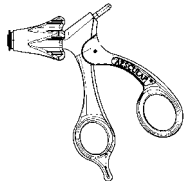




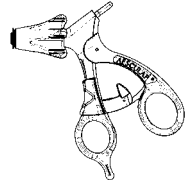

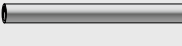

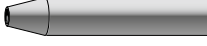
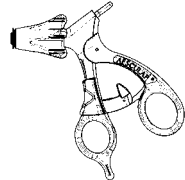

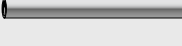

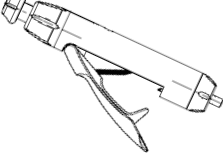
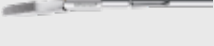
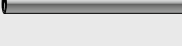




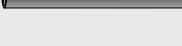






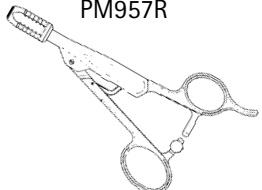




# AdTec® MONOPOLAR

DISSECTING FORCEPS



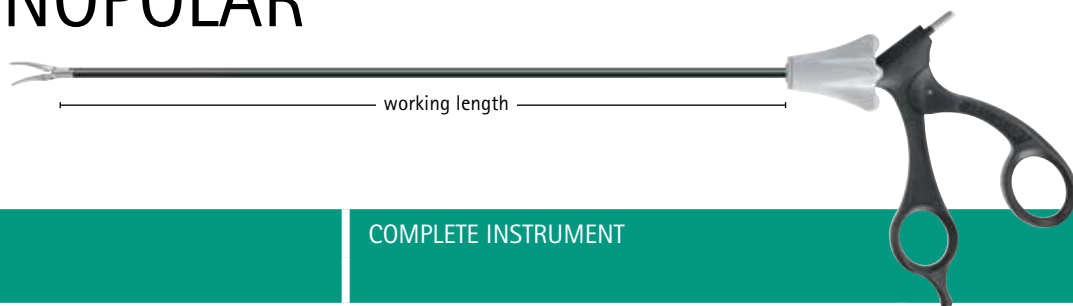
## COMPLETE INSTRUMENT

		5 mm / 310 mm
<p data-bbox="732 459 825 483"><b>P0147R</b></p>  <p data-bbox="794 611 825 636">1/1</p>	<p data-bbox="855 517 1209 584">Fixation forceps with jaw groove, slim tapering jaw tip</p>	5 mm / 220 mm
 <p data-bbox="794 813 825 837">1/1</p>	<p data-bbox="855 736 1305 761">Atraumatic fixation and dissecting forceps</p>	5 mm / 310 mm
<p data-bbox="732 857 825 882"><b>P0101R</b></p>  <p data-bbox="794 1010 825 1034">1/1</p>	<p data-bbox="855 936 1305 960">Atraumatic fixation and dissecting forceps</p>	5 mm / 420 mm
<p data-bbox="732 1057 825 1081"><b>P0199R</b></p>  <p data-bbox="794 1198 825 1223">1/1</p>	<p data-bbox="855 1135 1305 1160">Atraumatic fixation and dissecting forceps</p>	5 mm / 370 mm
<p data-bbox="732 1256 825 1281"><b>P0214R</b></p>  <p data-bbox="794 1395 825 1420">1/1</p>	<p data-bbox="855 1330 1161 1355">Atraumatic universal forceps</p>	5 mm / 310 mm
<p data-bbox="732 1456 825 1480"><b>P0151R</b></p>  <p data-bbox="794 1594 825 1619">1/1</p>	<p data-bbox="855 1529 1141 1554">Delicate dissecting forceps</p>	5 mm / 310 mm
<p data-bbox="732 1655 825 1680"><b>P0190R</b></p>  <p data-bbox="794 1785 825 1809">1/1</p>	<p data-bbox="855 1727 1361 1751">Fixation and dissecting forceps with jaw groove</p>	5 mm / 420 mm
<p data-bbox="732 1854 825 1879"><b>P0203R</b></p>  <p data-bbox="794 1982 825 2007">1/1</p>	<p data-bbox="855 1924 1361 1948">Fixation and dissecting forceps with jaw groove</p>	5 mm / 420 mm

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	P0959R 
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





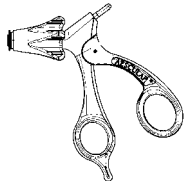




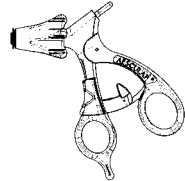

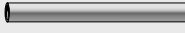



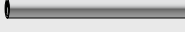

1/1

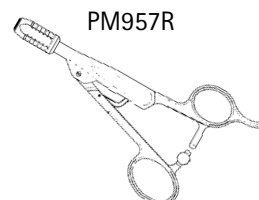
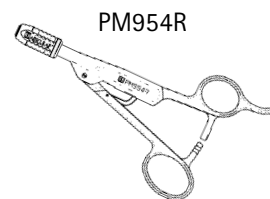
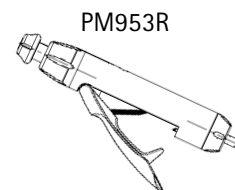
5 mm / 310 mm

5 mm / 310 mm

5 mm / 420 mm

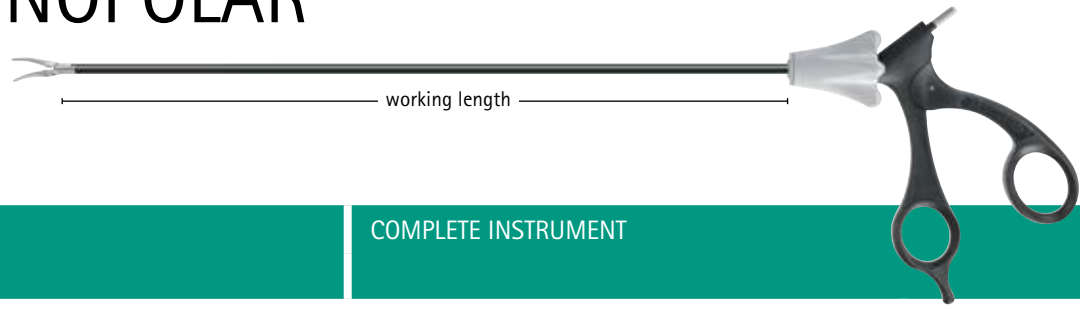


SINGLE PARTS			INDIVIDUAL COMPONENTS	
Jaw insert	Insulated outer tube	Handle		
P0615R 	PM973R 	P0959R 	PM975R  Ø 5/10 mm	P0958R 
P0644R 	PM973R 	P0959R 	PM975R  Ø 5/10 mm	P0959R 
P0774R 	PM973R 	P0959R 	PM975R  Ø 5/10 mm	
P0783R 	PM981R 	P0959R 		















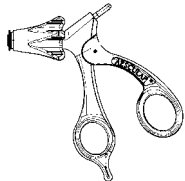




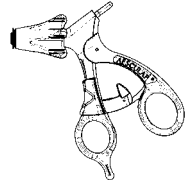

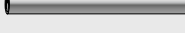


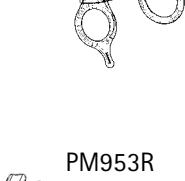

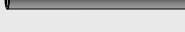

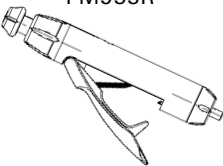

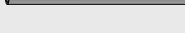




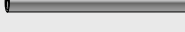

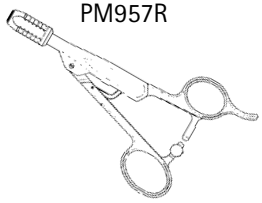

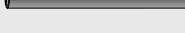



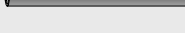


# AdTec® MONOPOLAR

GRASPING FORCEPS



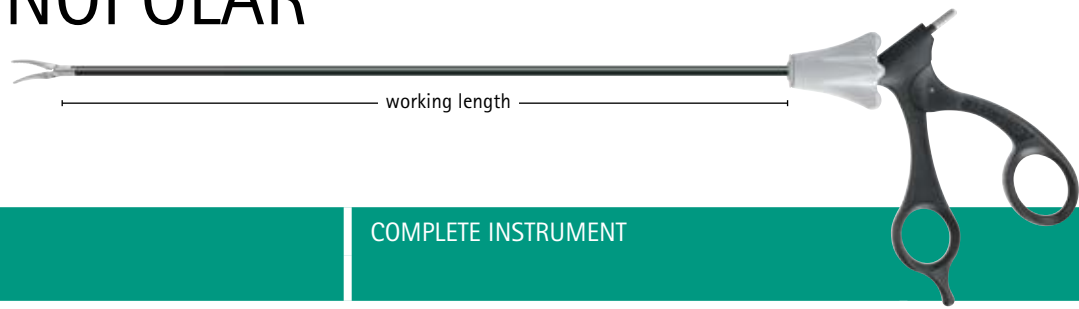
COMPLETE INSTRUMENT












 <p>28 mm</p>	<p><b>PO233R</b> 5 mm / 310 mm</p> <p>Atraumatic universal forceps with grooves</p> <p>1/1</p>
 <p>28 mm</p>	<p><b>PO234R</b> 5 mm / 420 mm</p> <p>Atraumatic universal forceps with grooves</p> <p>1/1</p>
 <p>27 mm</p>	<p><b>PO235R</b> 5 mm / 310 mm</p> <p>Atraumatic universal forceps with grooves</p> <p>1/1</p>
 <p>27 mm</p>	<p><b>PO236R</b> 5 mm / 420 mm</p> <p>Atraumatic universal forceps with grooves</p> <p>1/1</p>
 <p>25 mm</p>	<p><b>PO216R</b> 5 mm / 310 mm</p> <p>Atraumatic grasping forceps, jaw part fenestrated</p> <p>1/1</p>
 <p>25 mm</p>	<p><b>PO217R</b> 5 mm / 420 mm</p> <p>Atraumatic grasping forceps, jaw part fenestrated</p> <p>1/1</p>
 <p>24 mm</p>	<p><b>PO128R</b> 5 mm / 310 mm</p> <p>Atraumatic universal grasping forceps, jaw part fenestrated</p> <p>1/1</p>
 <p>24 mm</p>	<p><b>PO229R</b> 5 mm / 420 mm</p> <p>Atraumatic universal grasping forceps, jaw part fenestrated</p> <p>1/1</p>





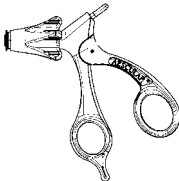




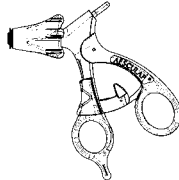

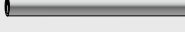

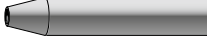
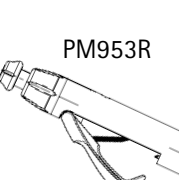

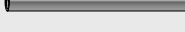


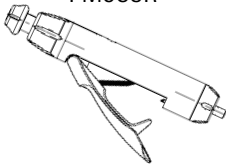

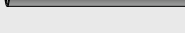



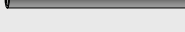



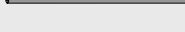


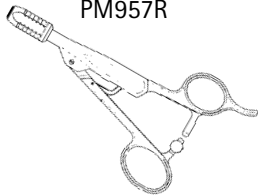

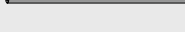

	SINGLE PARTS			INDIVIDUAL COMPONENTS	
	Jaw insert	Insulated outer tube	Handle		
	P0786R 	PM973R 	P0959R 	PM975R  Ø 5/10 mm	P0958R 
	P0787R 	PM981R 	P0959R 	PM975R  Ø 5/10 mm	P0959R 
	P0788R 	PM973R 	P0959R 	PM975R  Ø 5/10 mm	P0958R 
	P0789R 	PM981R 	P0959R 		PM953R 
	P0769R 	PM973R 	P0958R 	PM975R  Ø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

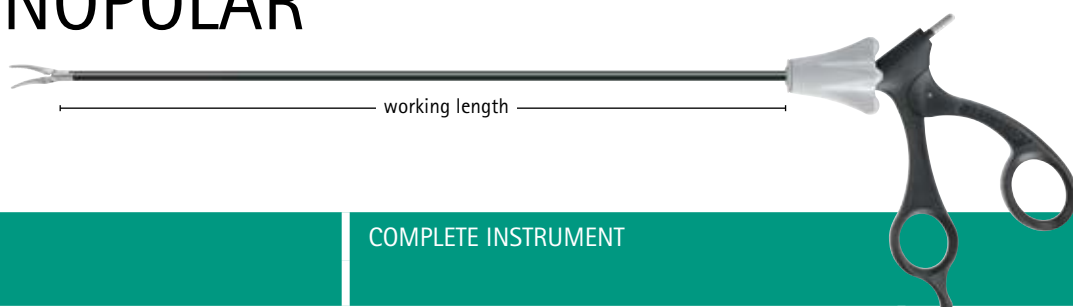


		COMPLETE INSTRUMENT	
	<b>P0191R</b>	Universal fixation and dissecting forceps, jaw part fenestrated	5 mm / 310 mm
	<b>P0185R</b>	CROCE/OLMI Atraumatic grasping forceps	5 mm / 310 mm
	<b>P0232R</b>	CROCE/OLMI Atraumatic grasping forceps, jaw part fenestrated	5 mm / 310 mm
	<b>P0222R</b>	Short universal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




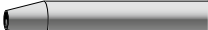
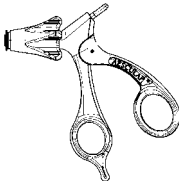




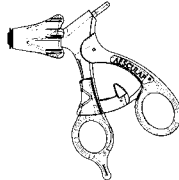




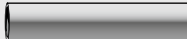

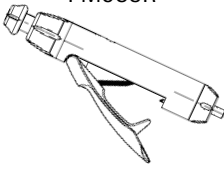



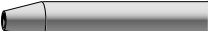










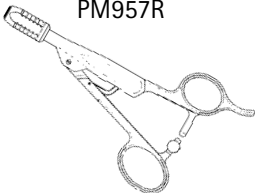
SINGLE PARTS				INDIVIDUAL COMPONENTS	
Jaw insert	Insulated outer tube	Handle			
P0736R 	PM973R 	P0959R 	PM975R  Ø 5/10 mm	P0958R 	
P0728R 	PM973R 	P0959R 	PM975R  Ø 5/10 mm	P0959R 	
P0785R 	PM973R 	P0959R 	PM975R  Ø 5/10 mm	P0959R 	
P0775R 	PM973R 	P0959R 	PM975R  Ø 5/10 mm	PM953R 	
P0776R 	PM981R 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

# AdTec® MONOPOLAR

GRASPING FORCEPS

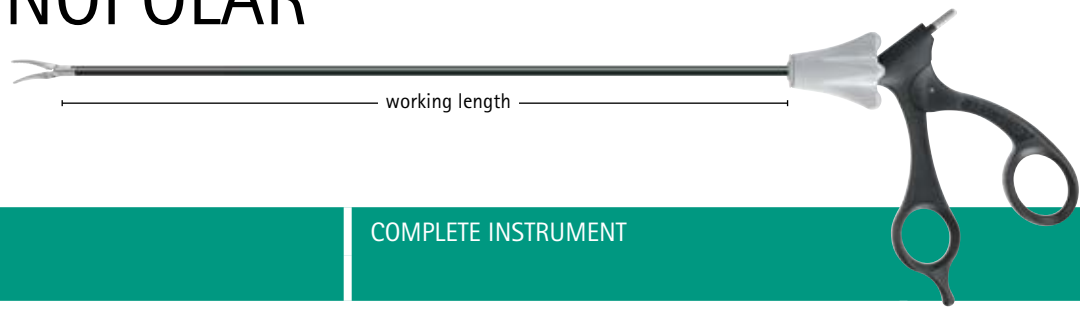



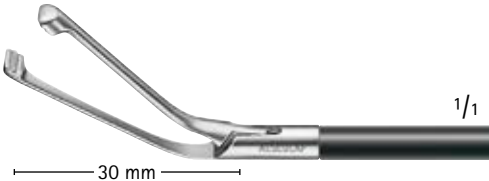






		COMPLETE INSTRUMENT	
	<b>P0113R</b>	BABCOCK Tissue-grasping forceps	5 mm / 310 mm
		BABCOCK Tissue-grasping forceps	5 mm / 310 mm
		For use with flexible 13 mm trocars only	
	<b>P0114R</b>	BABCOCK Tissue-grasping forceps	10 mm / 310 mm
	<b>P0205R</b>	BABCOCK Tissue-grasping forceps	10 mm / 420 mm
	<b>P0212R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

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 		
P0742R 	PM977R 	P0959R 		PM957R 





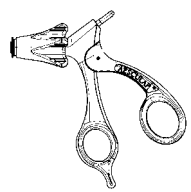

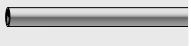


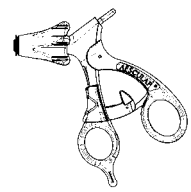

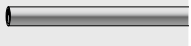


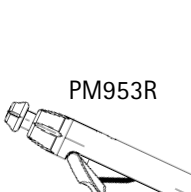

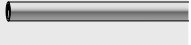


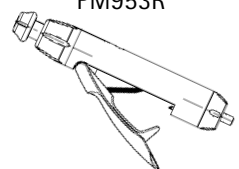

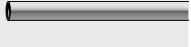


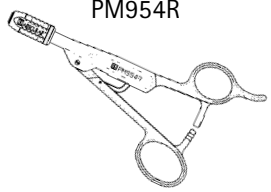
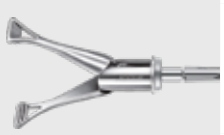


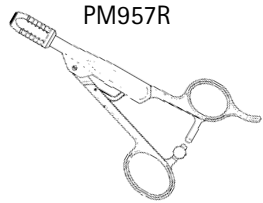







# AdTec® MONOPOLAR

GRASPING FORCEPS



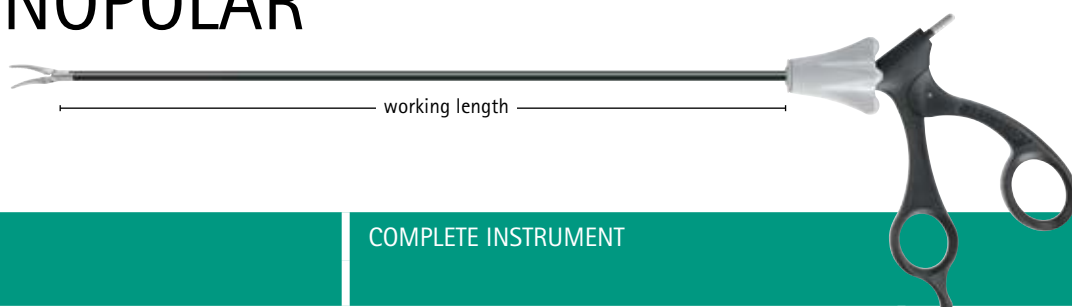
		COMPLETE INSTRUMENT	
	<b>PO104R</b>	<b>ALLIS</b> Atraumatic tissue grasping forceps	5 mm / 310 mm
	1/1	Instrument with protruding jaw parts	
		<b>ALLIS</b> Atraumatic grasping forceps	5 mm / 310 mm
	1/1	For use with flexible 13 mm trocars only	
		<b>LINDER</b> Endo lung grasping forceps	5 mm / 220 mm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















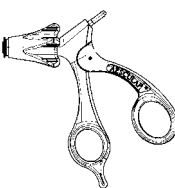

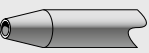


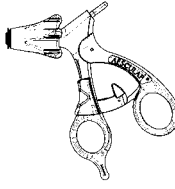

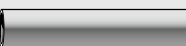


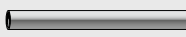

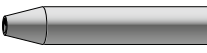
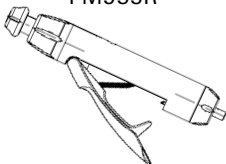









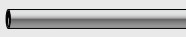

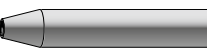
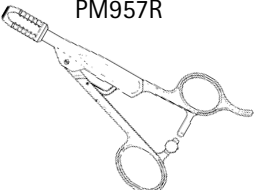

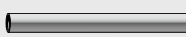


SINGLE PARTS				INDIVIDUAL COMPONENTS	
Jaw insert	Insulated outer tube	Handle			
PO610R 	PM973R 	PO958R 	PM975R  Ø 5/10 mm	PO958R 	
PM670R 	PM973R 	PO959R 	PM975R  Ø 5/10 mm	PO959R 	
PM696R 	PM970R 	PO958R 	PM971R  Ø 5/10 mm	PO958R 	
PM687R 	PM973R 	PO958R 	PM975R  Ø 5/10 mm	PM953R 	
PM609R 	PM973R 	PO959R 	PM975R  Ø 5/10 mm	PM954R 	
PM612R 	PM977R 	PO959R 		PM957R 	
PO731R 	PM975R 	PO959R 	PM973R  Ø 5 mm		
PO768R 	PM974R 	PO959R 			

# AdTec® MONOPOLAR

GRASPING FORCEPS

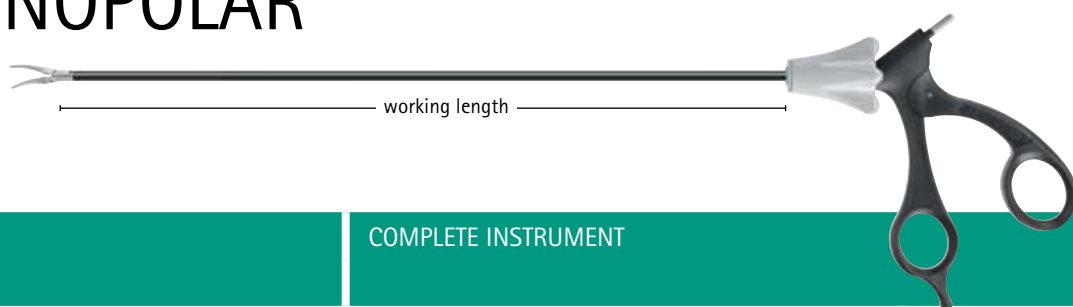


		COMPLETE INSTRUMENT	
	<b>PO186R</b>	<b>CROCE/OLMI</b> Combination fixation and dissection forceps, especially for gall bladder	5 mm / 310 mm
	<b>PO105R</b>	<b>HEYWOOD-SMITH</b> Tissue- and swab forceps	10 mm / 310 mm
		<b>PENNINGTON</b> Tissue-grasping forceps Instrument with protruding jaw parts	10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





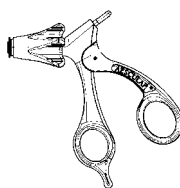

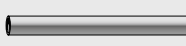

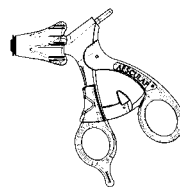




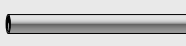

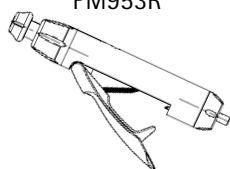



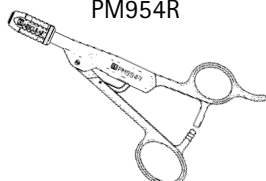

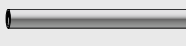


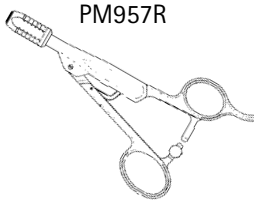
# AdTec<sup>®</sup> MONOPOLAR

GRASPING FORCEPS



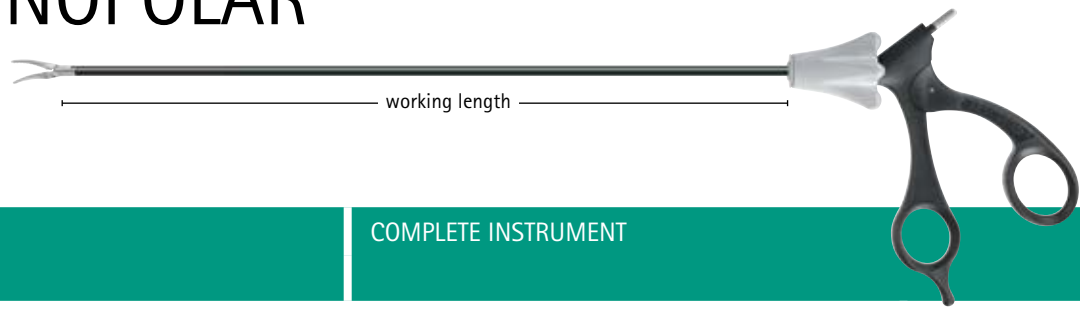
COMPLETE INSTRUMENT

		
<p><b>PO129R</b></p>  <p>18 mm</p>	<p>Tube fixation and dissecting forceps</p> <p>1/1</p>	<p>5 mm / 310 mm</p>
<p><b>PO200R</b></p>  <p>18 mm</p>	<p>Tube fixation and dissecting forceps</p> <p>1/1</p>	<p>5 mm / 420 mm</p>
<p><b>PO210R</b></p>  <p>14 mm</p>	<p>Tube fixation forceps</p> <p>1/1</p>	<p>5 mm / 310 mm</p>
<p><b>PO207R</b></p>  <p>14 mm</p>	<p>Tube fixation forceps</p> <p>1/1</p>	<p>5 mm / 420 mm</p>
 <p>46 mm</p>	<p>Endo fixation forceps, especially to grasp around the intestine</p> <p>Instrument with protruding jaw parts</p> <p>1/1</p>	<p>10 mm / 310 mm</p>
<p><b>PO189R</b></p>  <p>53 mm</p>	<p>MASSOUD</p> <p>Delicate forceps for lateral fixation of structures and vascular grafts during dissection and anastomosis</p> <p>1/1</p> <p>For use with flexible 13 mm trocars only</p>	<p>5 mm / 310 mm</p>

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 





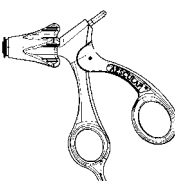

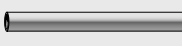

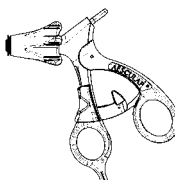

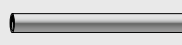


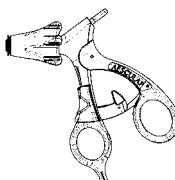



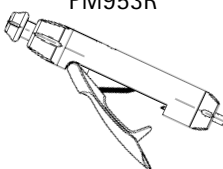

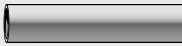

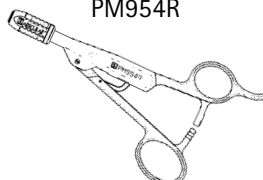

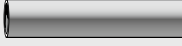




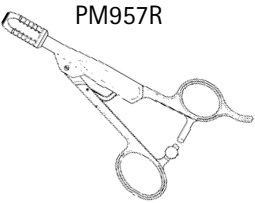
# AdTec<sup>®</sup> MONOPOLAR

GRASPING FORCEPS



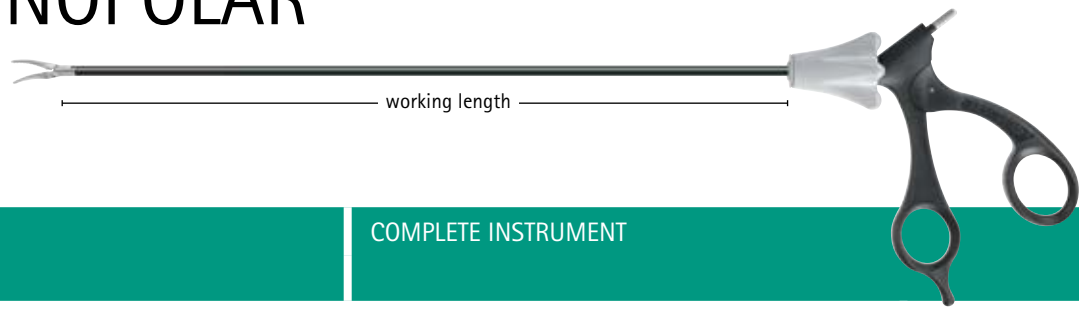
## COMPLETE INSTRUMENT


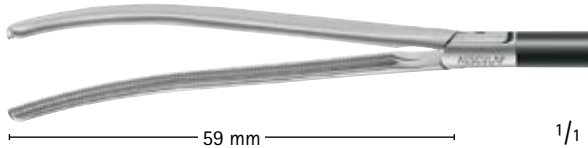
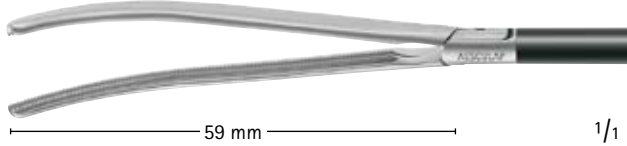
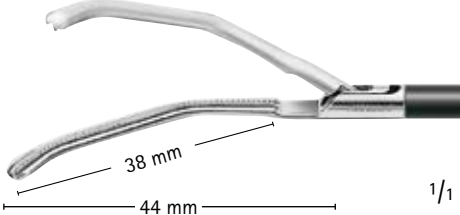
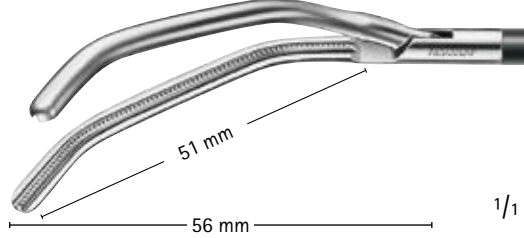
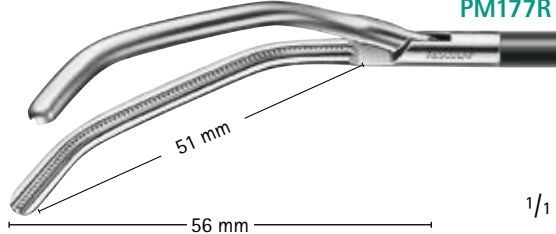
<p>43 mm</p> <p>1/1</p>	<p>DE BAKEY Atraumatic clamp</p> <p>Instrument with protruding jaw parts</p>	<p>5 mm / 310 mm</p>
<p><b>PO137R</b></p> <p>53 mm</p> <p>1/1</p>	<p>DE BAKEY Atraumatic clamp</p> <p>Instrument with protruding jaw parts</p>	<p>5 mm / 420 mm</p>
<p>68 mm</p> <p>1/1</p>	<p>DE BAKEY Atraumatic clamp</p> <p>Instrument with protruding jaw parts</p>	<p>5 mm / 310 mm</p>
<p>35 mm</p> <p>1/1</p>	<p>DE BAKEY Atraumatic clamp</p>	<p>10 mm / 370 mm</p>
<p>55 mm</p> <p>1/1</p>	<p>DE BAKEY Atraumatic clamp</p>	<p>10 mm / 220 mm</p>
<p><b>PO118R</b></p> <p>55 mm</p> <p>1/1</p>	<p>DE BAKEY Atraumatic clamp</p>	<p>10 mm / 370 mm</p>
<p><b>PO228R</b></p> <p>104 mm</p> <p>1/1</p>	<p>SIMON Renal pole clamp for local ischaemia during tumor resection</p>	<p>10 mm / 310 mm</p>

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 





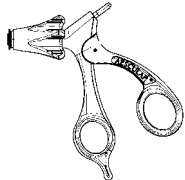

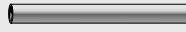

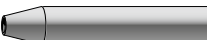
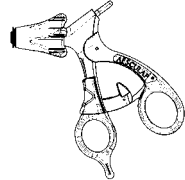





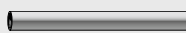


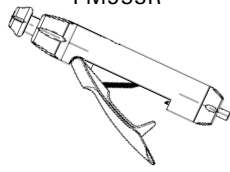






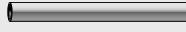


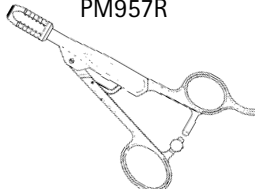
# AdTec® MONOPOLAR

GRASPING FORCEPS



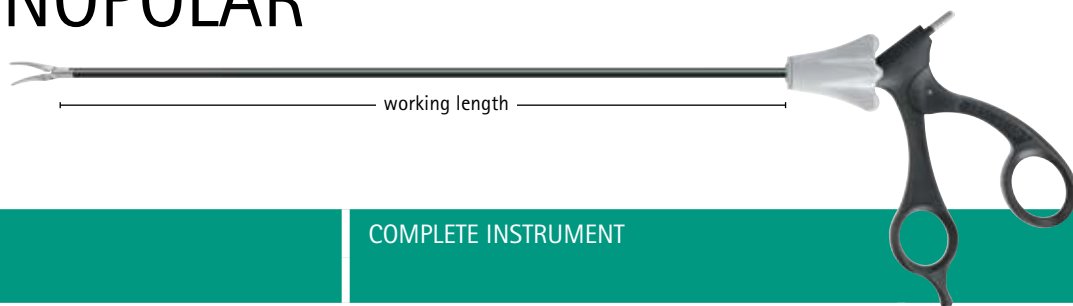
		COMPLETE INSTRUMENT	
	<b>PM173R</b> CRAFOORD Endo-vascular clamp 43 mm 1/1	For use with 10 mm trocars	5 mm / 310 mm
	<b>PM178R</b> CRAFOORD Endo-vascular clamp 59 mm 1/1	For use with 10 mm trocars	5 mm / 310 mm
	<b>PO152R</b> CRAFOORD Endo-vascular clamp 59 mm 1/1	For use with 10 mm trocars	5 mm / 370 mm
	<b>PM171R</b> SATINSKY Atraumatic clamp 38 mm 44 mm 1/1	For use with flexible 13 mm trocars only	5 mm / 310 mm
	<b>SATINSKY</b> Atraumatic clamp 51 mm 56 mm 1/1	For use with flexible 13 mm trocars only	5 mm / 220 mm
	<b>PM177R</b> SATINSKY Atraumatic clamp 51 mm 56 mm 1/1	For use with flexible 13 mm trocars only	5 mm / 310 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



49 mm

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



49 mm

1/1

PM175R

DE BAKEY

5 mm / 310 mm





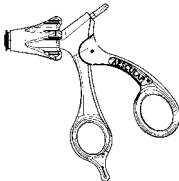




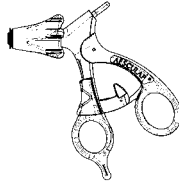




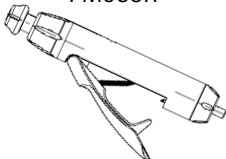

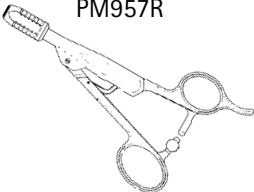
Atraumatic fixation forceps acc. to LINDER, s-shaped

For use with flexible 13 mm trocars only



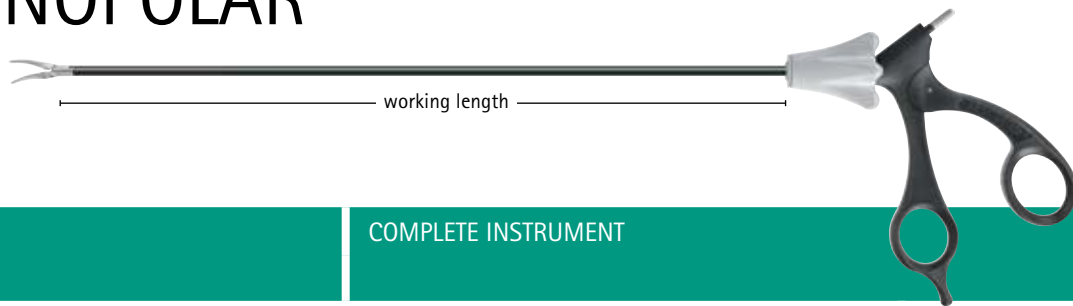
49 mm

1/1

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





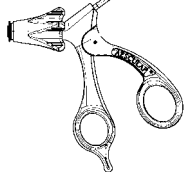

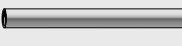


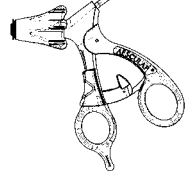



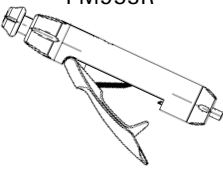




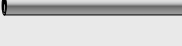







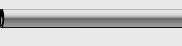


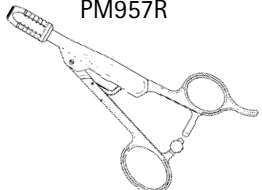



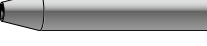
# AdTec® MONOPOLAR

GRASPING FORCEPS



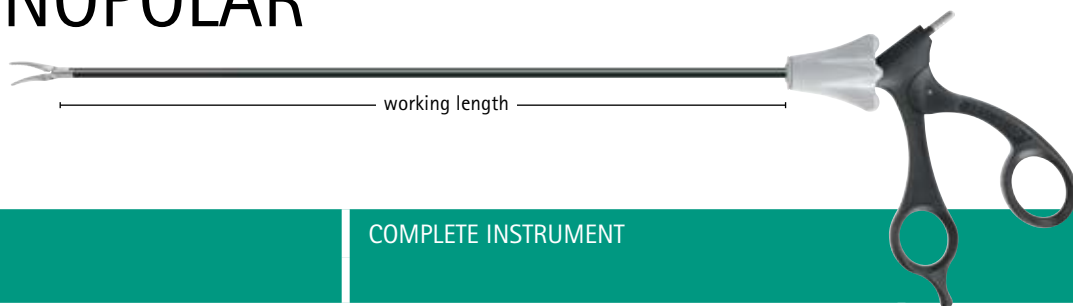
## COMPLETE INSTRUMENT

<p>17 mm</p>	<p>Pike-mouth forceps with reservoir in the jaws</p>	<p>5 mm / 220 mm</p>
<p>1/1</p>	<p><b>P0107R</b></p>	<p>5 mm / 310 mm</p>
<p>17 mm</p>	<p>Pike-mouth forceps with reservoir in the jaws</p>	<p>10 mm / 310 mm</p>
<p>1/1</p>	<p><b>P0117R</b></p>	<p>10 mm / 310 mm</p>
<p>18 mm</p>	<p>Large pike-mouth forceps extra-wide jaws</p>	<p>10 mm / 310 mm</p>
<p>1/1</p>	<p><b>P0117R</b></p>	<p>10 mm / 310 mm</p>
<p>33 mm</p>	<p>Fixation forceps, 2 x 3 teeth</p>	<p>5 mm / 310 mm</p>
<p>1/1</p>	<p><b>P0132R</b></p>	<p>5 mm / 310 mm</p>
<p>14 mm</p>	<p>Grasping forceps, 2 x 4 teeth</p>	<p>5 mm / 420 mm</p>
<p>1/1</p>	<p><b>P0201R</b></p>	<p>5 mm / 420 mm</p>
<p>14 mm</p>	<p>Grasping forceps, 2 x 4 teeth</p>	<p>5 mm / 310 mm</p>
<p>1/1</p>	<p><b>P0134R</b></p>	<p>5 mm / 310 mm</p>
<p>18 mm</p>	<p>Grasping forceps, 1 x 2 teeth</p>	<p>5 mm / 310 mm</p>
<p>1/1</p>	<p><b>P0134R</b></p>	<p>5 mm / 310 mm</p>
<p>15 mm</p>	<p>Grasping forceps, fine teeth</p>	<p>1/1</p>
<p>1/1</p>		





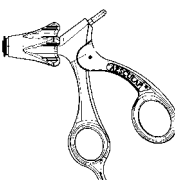




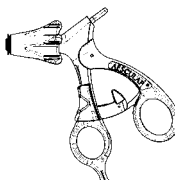




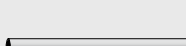


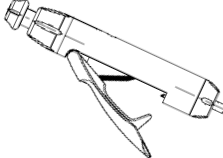



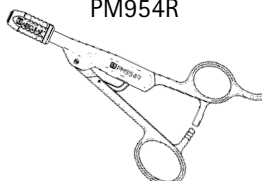
		SINGLE PARTS			INDIVIDUAL COMPONENTS	
	Jaw insert	Insulated outer tube	Handle			
	P0634R 	PM970R 	P0959R 	PM971R  Ø 5/10 mm		P0958R 
	P0613R 	PM973R 	P0959R 	PM975R  Ø 5/10 mm		P0959R 
	PM621R 	PM974R 	P0959R 			PM953R 
	P0623R 	PM974R 	P0959R 			
	P0648R 	PM973R 	P0959R 	PM975R  Ø 5/10 mm		PM954R 
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

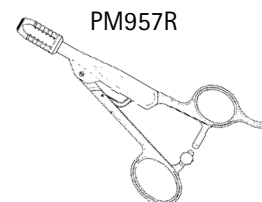
# AdTec® MONOPOLAR

GRASPING FORCEPS



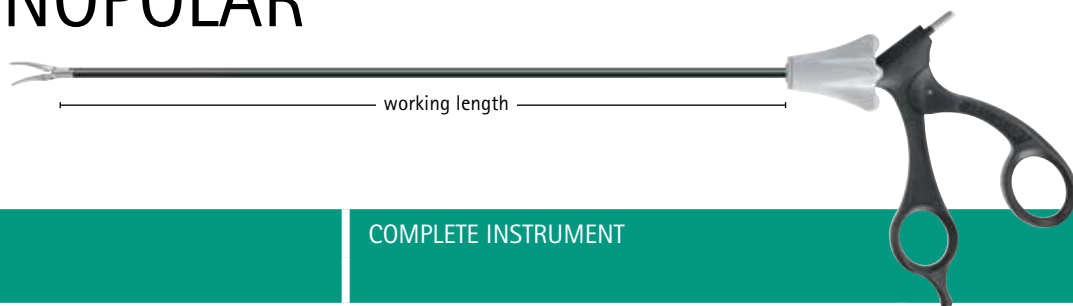
		COMPLETE INSTRUMENT	
<p>19 mm</p>	<p><b>PO111R</b></p> <p>NELSON Grasping forceps, sharp</p> <p>1/1</p>	<p>5 mm / 310 mm</p>	
<p>33 mm</p>	<p><b>PO224R</b></p> <p>Tenaculum Grasping forceps</p> <p>1/1</p>	<p>5 mm / 310 mm</p>	
<p>42 mm</p>	<p><b>PO225R</b></p> <p>Tenaculum Grasping forceps</p> <p>1/1</p>	<p>10 mm / 310 mm</p>	
<p>23 mm</p>	<p><b>PO194R</b></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 




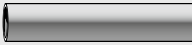

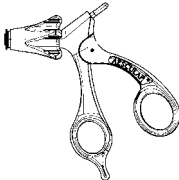



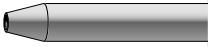
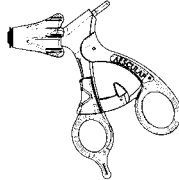

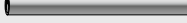





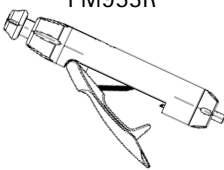




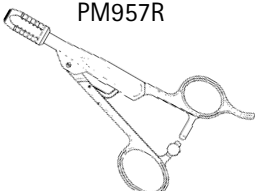
# AdTec<sup>®</sup> MONOPOLAR

BIOPSY FORCEPS



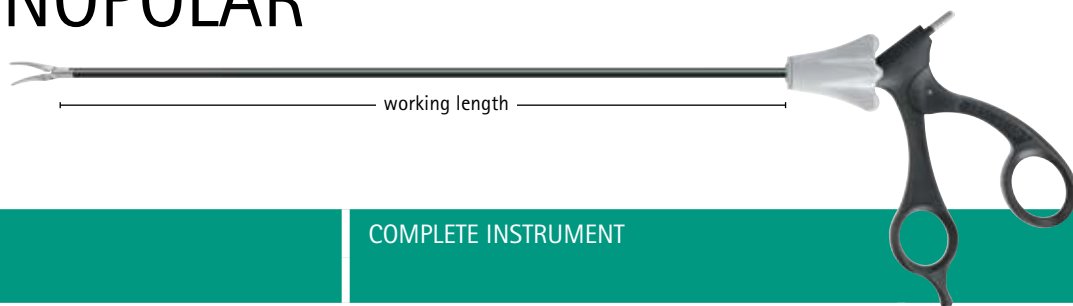
		COMPLETE INSTRUMENT
<p>31 mm</p>	<p><b>PO500R</b></p> <p>Large biopsy forceps</p> <p>1/1</p>	<p>10 mm / 310 mm</p>
<p>15 mm</p>	<p><b>PO501R</b></p> <p>Sample excision forceps</p> <p>1/1</p>	<p>5 mm / 310 mm</p>
<p>15 mm</p>	<p><b>PO509R</b></p> <p>Sample excision forceps</p> <p>1/1</p>	<p>5 mm / 420 mm</p>
<p>14 mm</p>	<p><b>PO505R</b></p> <p>Biopsy forceps with teeth</p> <p>1/1</p>	<p>5 mm / 310 mm</p>
<p>14 mm</p>	<p><b>PO511R</b></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 		P0958R 
P0626R 	PM973R 	P0958R 	PM975R  Ø 5/10 mm	P0959R 
P0750R 	PM981R 	P0958R 		
P0652R 	PM973R 	P0958R 	PM975R  Ø 5/10 mm	PM953R 
P0756R 	PM981R 	P0958R 		PM954R 
				PM957R 

# 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










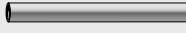


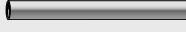



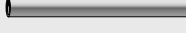



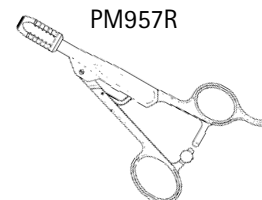
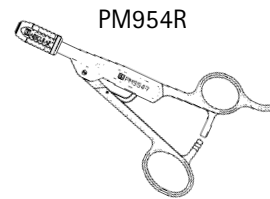
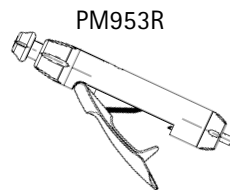
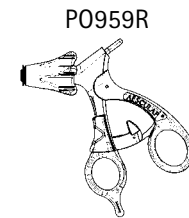
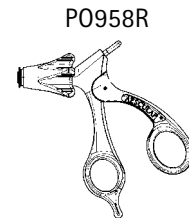
← 14 mm →

FRANGENHEIM  
Biopsy forceps cutting

1/1

SINGLE PARTS			INDIVIDUAL COMPONENTS
Jaw insert	Insulated outer tube	Handle	

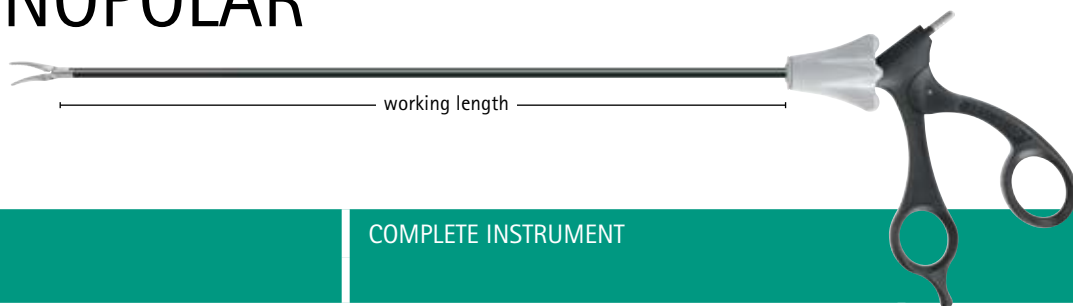
PM635R 	PM970R 	P0958R 	PM971R  Ø 5/10 mm
P0627R 	PM973R 	P0958R 	PM975R  Ø 5/10 mm
P0759R 	PM981R 	P0958R 	
PM653R 	PM973R 	P0958R 	PM975R  Ø 5/10 mm
P0751R 	PM981R 	P0958R 	



BIOPSY FORCEPS

# AdTec<sup>®</sup> 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





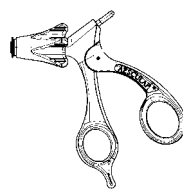




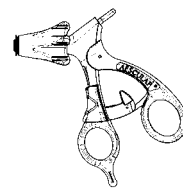

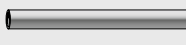




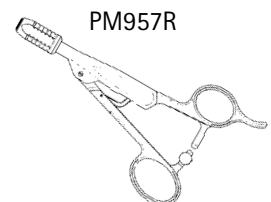
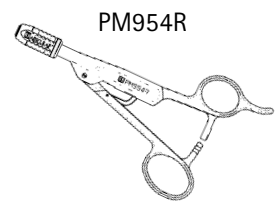
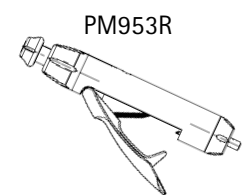
Knot pushing forceps

1/1

5 mm / 310 mm

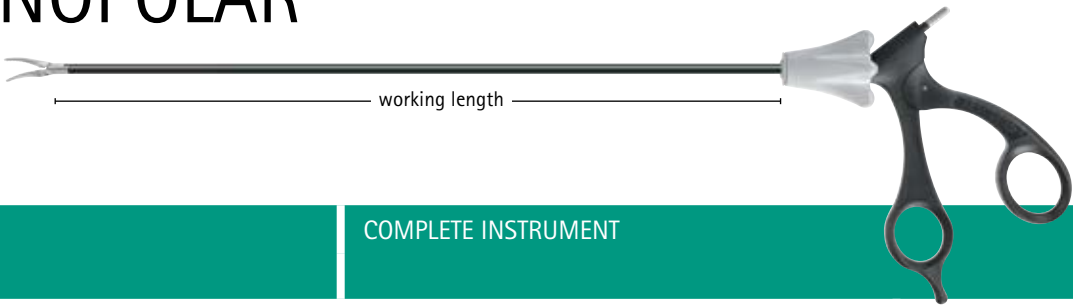
5 mm / 310 mm

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	



# AdTec® MONOPOLAR

THORAX INSTRUMENTS



## COMPLETE INSTRUMENT

5 mm / 310 mm

### METZENBAUM

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

Fixation and dissecting forceps, curved, distal shaft bent

For use with flexible 7 or 13 mm trocars only

5 mm / 310 mm



1/1

### HEYWOOD-SMITH




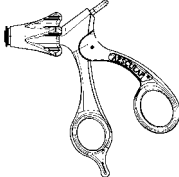



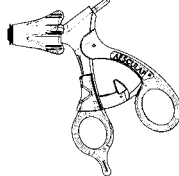

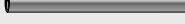

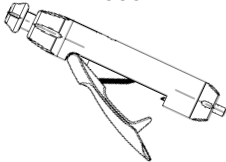




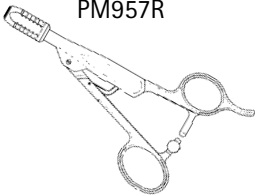
Tissue and swab forceps, distal shaft bent

For use with flexible 13 mm trocars only

5 mm / 310 mm

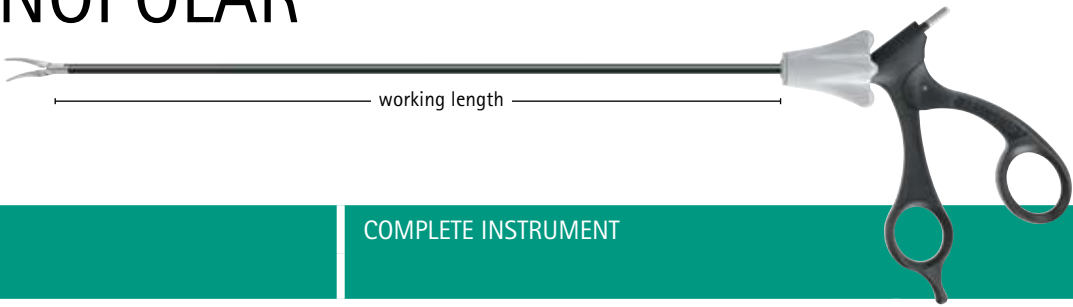


1/1

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<sup>®</sup> 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

5 mm / 310 mm

1/1




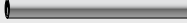

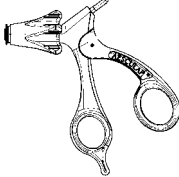



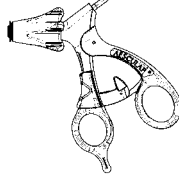

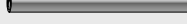

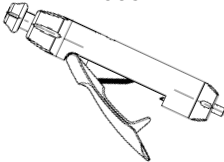

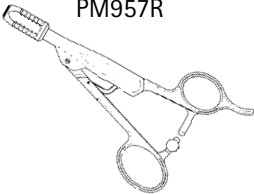
Sample excision forceps, distal shaft bent

For use with flexible 7 or 13 mm trocars only

5 mm / 310 mm

1/1



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  

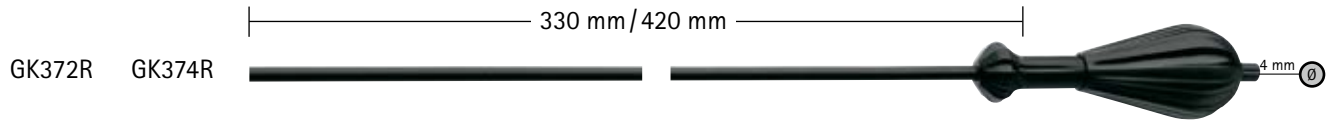
# MONOPOLAR LAPAROSCOPIC ELECTRODES



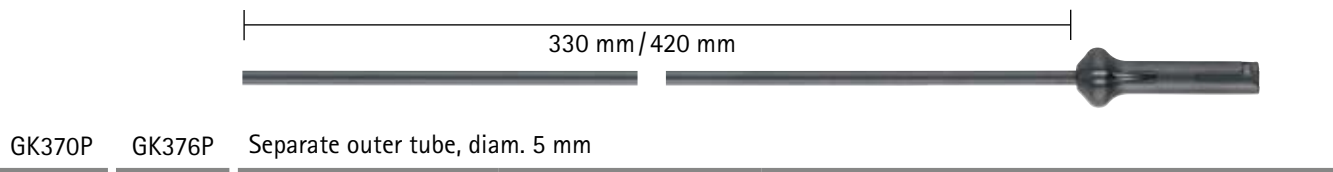
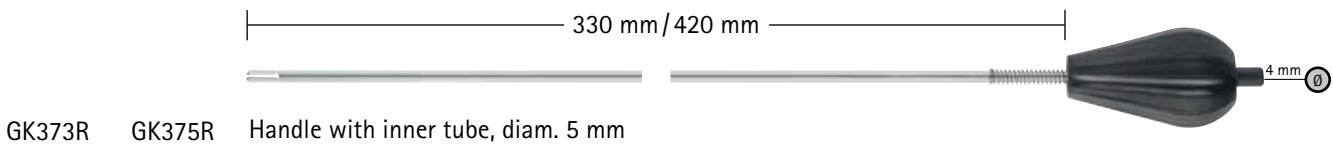
## THE MODULAR PRINCIPLE ALSO INCLUDES IMPORTANT SAFETY ASPECTS

- modular design simplifies disassembly, cleaning, maintenance and sterile preparation
- bayonet connection
- individual combinations possible
- fast exchange of individual components due to modular design
- ceramic tips
- insulation up to the working tip

330 mm 420 mm Handle for monopolar laparoscopy 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

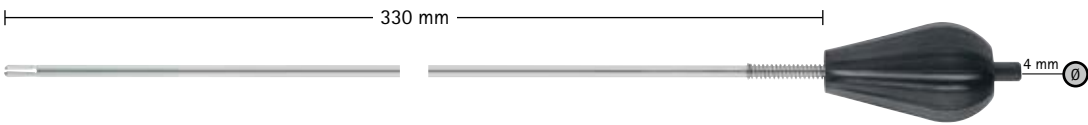
330 mm Low-energy micropin, complete,  $\varnothing$  5 mm



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


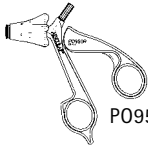

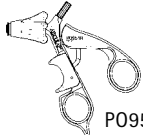


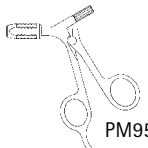
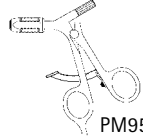
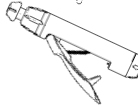

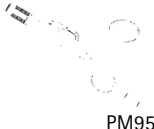

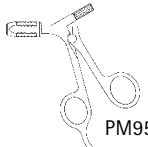
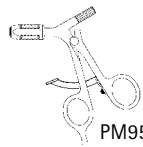
Art. no. Accessories




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

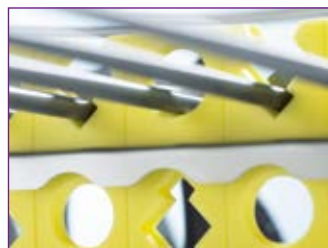
Art. no.	Length	Diam.	Insulated outer tube
PM970R	220 mm	5/5 mm	
PM971R	220 mm	5/10 mm	
PM992R	220 mm	10/10 mm	
PM973R	310 mm	5/5 mm	
PM975R	310 mm	5/10 mm	
PM974R	310 mm	10/10 mm	
PM976R	370 mm	5/5 mm	
PM978R	370 mm	5/10 mm	
PM977R	370 mm	10/10 mm	
PM981R	420 mm	5/5 mm	
PM982R	420 mm	10/10 mm	

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

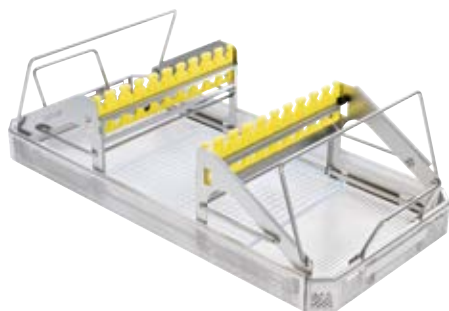




For more information see  
brochure number C22111.

Art. no.

Storage rack set for MIS instruments,  
standard



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

Art. no.

Container for storage rack set PL960R



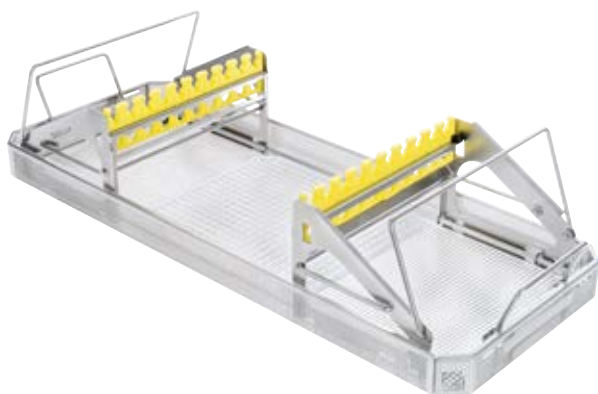
JK444 +  
JK489

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

PL961R

Dimensions: 660 x 253 x 166 mm

Art. no.

Container for storage rack set PL961R



JN445 +  
JK490

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).

# AdTec® MONOPOLAR

STANDARD INSTRUMENTS

## DISASSEMBLY



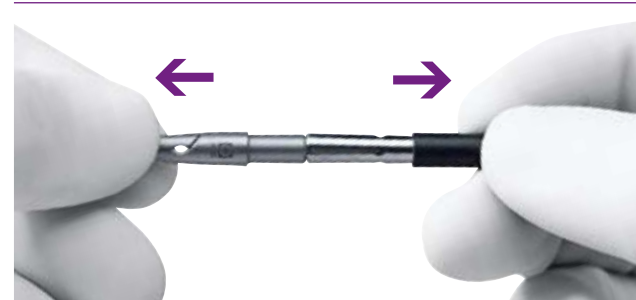
**I Deactivate ratchet on ratchet handle**  
Flip down red toggle switch. N.B.: for PO959R only



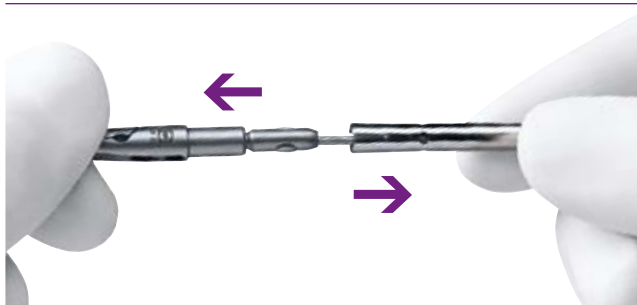
**II Disconnect shaft and handle**  
Pull rotation knob back until it locks in place. A red ring becomes visible.  
**Important:** Do not hold on to the movable handle component.



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



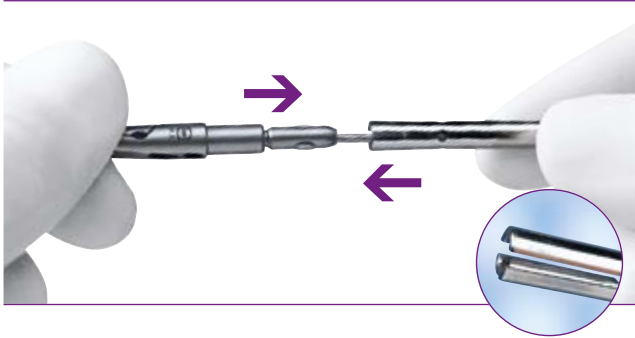
**IV Disassemble shaft I**  
Hold the jaw insert at the tip and remove the outer insulation tube.



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

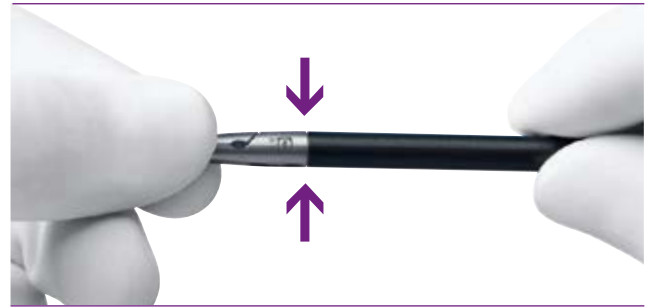


## ASSEMBLY



### I 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.



### II Assemble shaft II

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



### III 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 PO959R only**



### IV Connect shaft and 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 to the movable handle component.



### V Function test

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

# AdTec® MONOPOLAR

CURVED THORACIC INSTRUMENT



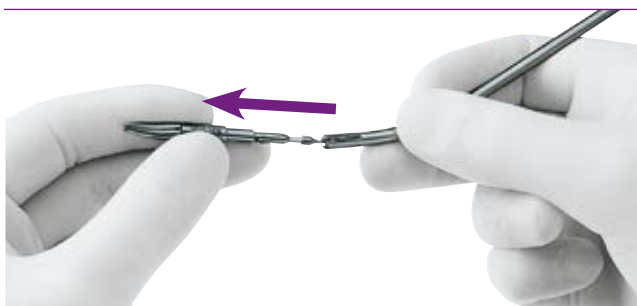
## DISASSEMBLY



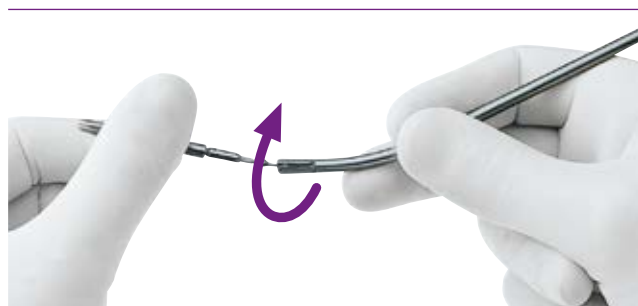
**I** Pull back the spring mechanism indicated with an arrow as far as it will go. Hold at this position and at the same time pull out the shaft. **Note:** In the case of handle with a lock (PM954R, PM957R), open the ratchet completely.



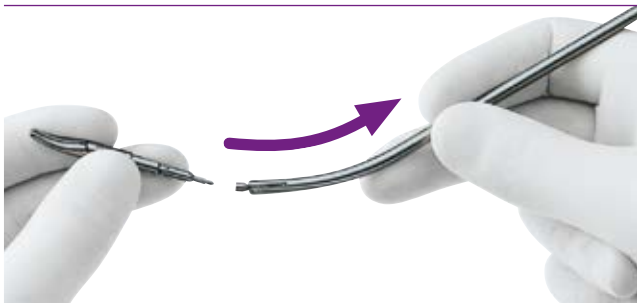
**II** Pull off the insulated, flexible outer tube from the shaft.



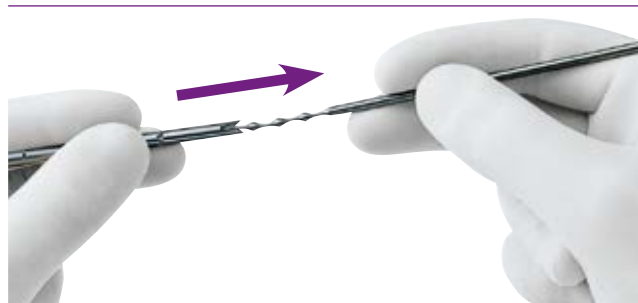
**III** Push flexible tension rod towards the jaw part (approx. 1 cm).



**IV** Unscrew the jaw part as indicated by the arrow.



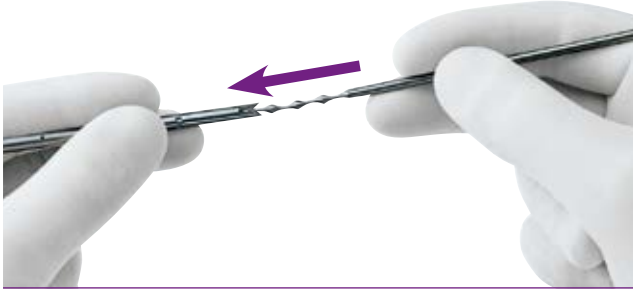
**V** After unscrewing the jaw part, pull the tension rod backwards.



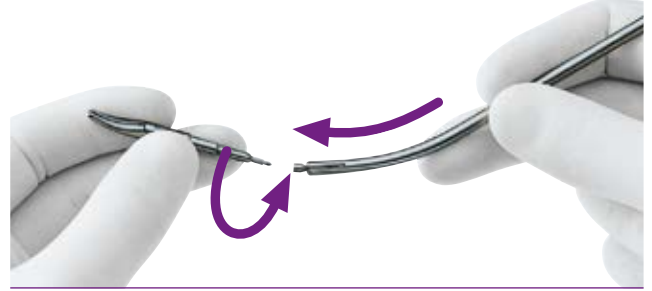
**VI** Remove the complete tension rod in a backward direction from the inner tube.



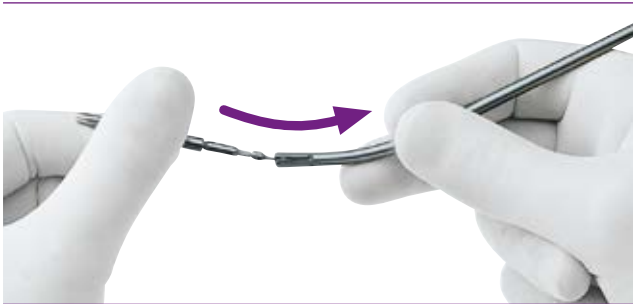
## ASSEMBLY



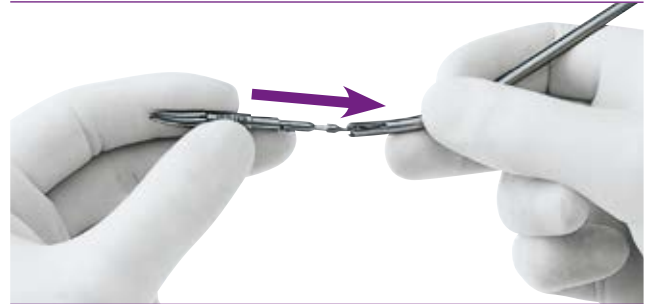
**I** Push the flexible tension rod into the inner tube.



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



**III** 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).



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



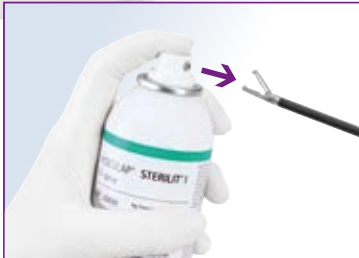
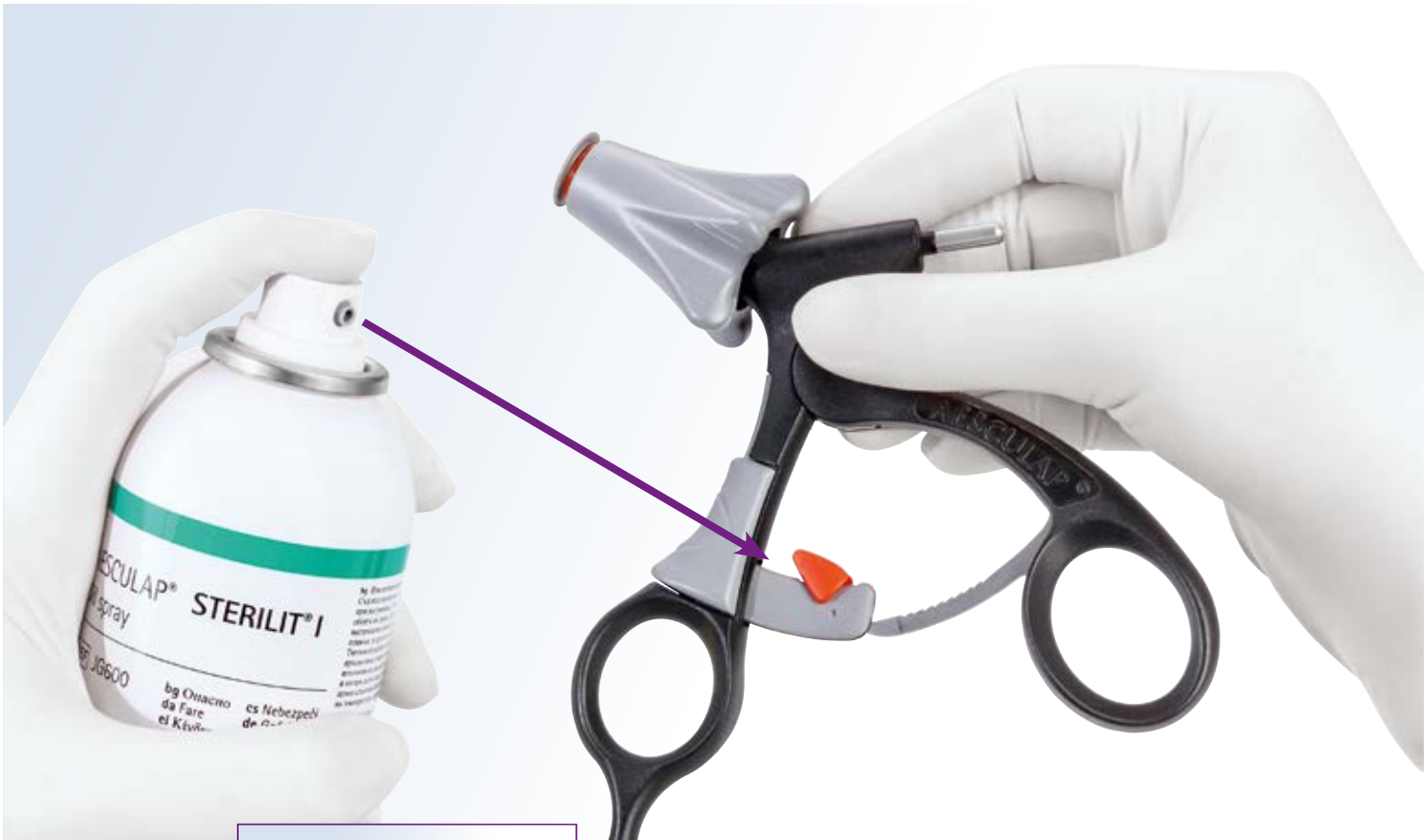
**V** Push insulated flexible outer tube PM983P onto the inner tube.



**VI** 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
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GK469R	Cleaning brush diam. 3.7 mm, length 550 mm for inner tube and outer tube diam. 5 mm. Package of 6 pieces.
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PM995R	Cleaning brush diam. 10 mm, length 550 mm for outer tube diam. 5 mm and diam. 10 mm. Package of 6 pieces.
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# AdTec<sup>®</sup> MONOPOLAR

AESFULAP<sup>®</sup> TECHNICAL SERVICE

## QUALITY IS ECONOMICALLY!

If the AESFULAP<sup>®</sup> 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<sup>®</sup> Technical Service, with its quality monitored repair standards, guarantees high quality and long term preservation of value.

AESFULAP<sup>®</sup>'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<sup>®</sup> Quality Standard.

## SPECIAL SERVICE FEATURES

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



You can recognize an AESFULAP<sup>®</sup> Quality Repair by the ATS stamp!

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

AESFULAP<sup>®</sup> Technical Service \_\_\_\_\_

Year \_\_\_\_\_

Month \_\_\_\_\_







## DIALOG – DEDICATED TO LIFE.

The Aesculap Academy is one of the leading medical education forums for everyone who is professionally, passionately and ambitiously committed to people's health. To those medical professionals we offer top quality knowledge transfer based on globally recognized quality criteria using innovative methods and technologies. We share our pursuit of excellence in healthcare with our course participants and partners. We offer teaching for anyone who strives to protect life and health as well as they possibly can.

The Aesculap Academy has its roots in the company B. Braun, which has been protecting and improving people's health for more than 175 years. With our courses, hands-on trainings and symposia we help to honor our parent company's promise of SHARING EXPERTISE.

The courses at the Aesculap Academy offer participants who want to continue to learn in an inspiring environment knowledge transfer and teaching that are adapted to real life: lifelong learning, true-to-life training situations and realistic content for a better life for patients and medical staff. But it is even more: it is an open and constructive dialog – dedicated to life.

### AESCULAP AKADEMIE GMBH

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Phone +49 7461 95-2001  
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**MORE INFORMATION**

[www.aesculap-academy.com](http://www.aesculap-academy.com)

# AdTec® MONOPOLAR

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