



AESCULAP® AdTec® MONOPOLAR

AdTec® MONOPOLAR



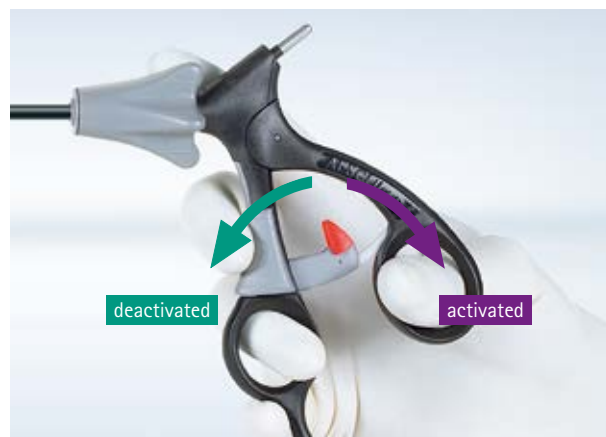
JAW MECHANISM

- 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

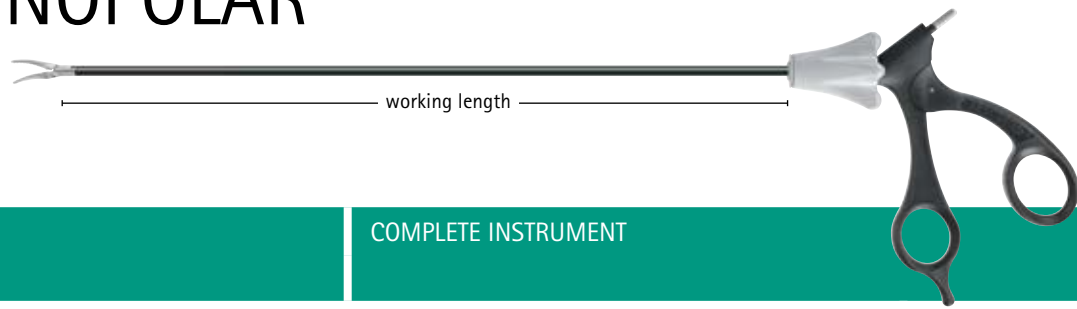
- Modular design consisting of four components, facilitating the disassembly, reprocessing, maintenance and sterile supply

STERILIZATION





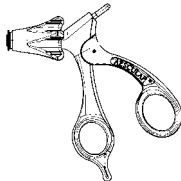

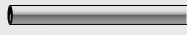


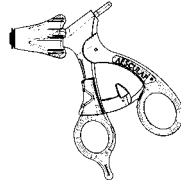

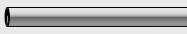


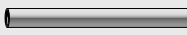


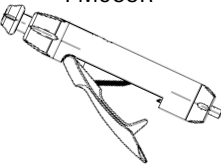

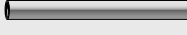




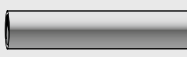


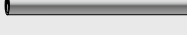

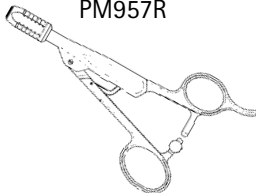

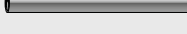

- Sterilization of the assembled instrument possible

AdTec® MONOPOLAR

SCISSORS

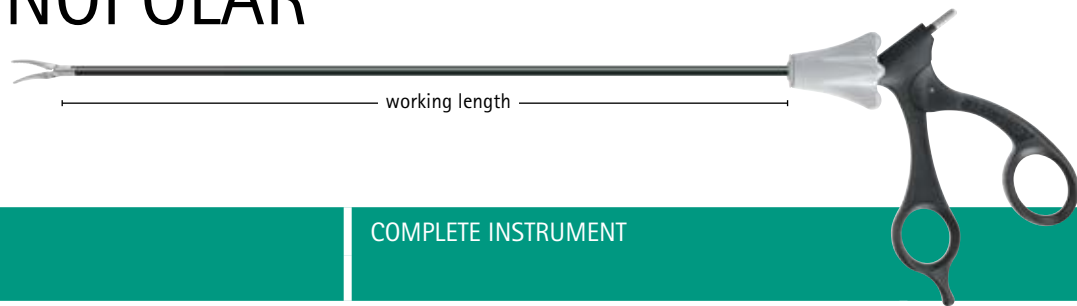


		COMPLETE INSTRUMENT	
		METZENBAUM	5 mm / 220 mm
		Scissors, serrated, tips curved to the left, with carbide inserts	
	1/1		
		METZENBAUM	5 mm / 310 mm
		Scissors, serrated, tips curved to the left, with carbide inserts	
	1/1		
		METZENBAUM	5 mm / 420 mm
		Scissors, serrated, tips curved to the left,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








	SINGLE PARTS			INDIVIDUAL COMPONENTS	
	Jaw insert	Insulated outer tube	Handle		
	P0631R 	PM970R 	P0958R 	PM971R  Ø 5/10 mm	P0958R 
	P0603R 	PM973R 	P0958R 	PM975R  Ø 5/10 mm	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 		




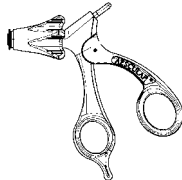

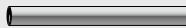

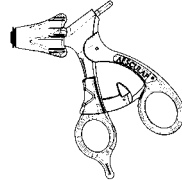








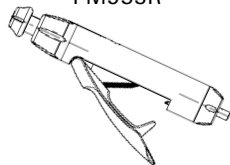
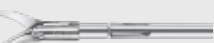
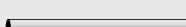










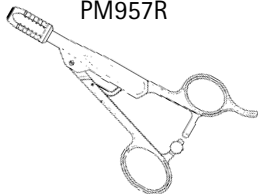
AdTec® MONOPOLAR

SCISSORS



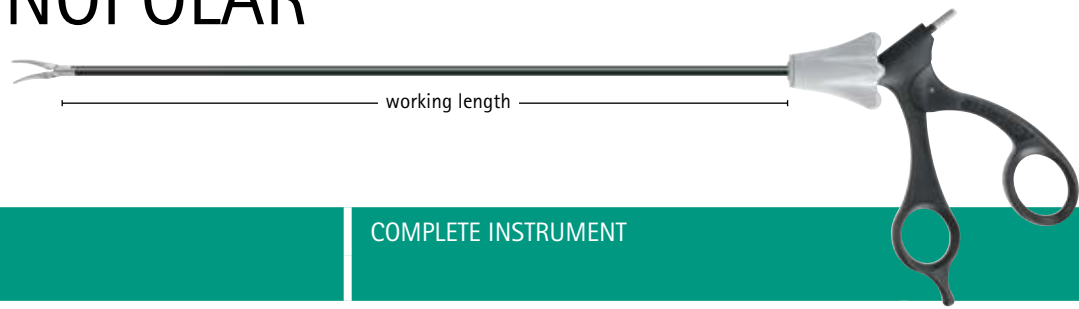
COMPLETE INSTRUMENT

 <p>18 mm</p> <p>1/1</p>	<p>PO030R Medium-METZENBAUM Scissors, serrated, tips curved to the left, with carbide inserts</p>	<p>5 mm / 310 mm</p>
 <p>18 mm</p> <p>1/1</p>	<p>PO031R Medium-METZENBAUM Scissors, serrated, tips curved to the left, with carbide inserts*</p>	<p>5 mm / 420 mm</p>
 <p>14 mm</p> <p>1/1</p>	<p>PO023R Mini-METZENBAUM Scissors, serrated, tips curved to the left, with carbide inserts</p>	<p>5 mm / 220 mm</p>
 <p>14 mm</p> <p>1/1</p>	<p>PO011R Mini-METZENBAUM Scissors, serrated, tips curved to the left, with carbide inserts</p>	<p>5 mm / 310 mm</p>
 <p>14 mm</p> <p>1/1</p>	<p>PO028R Mini-METZENBAUM Scissors, serrated, tips curved to the left, with carbide inserts</p>	<p>5 mm / 420 mm</p>
 <p>13 mm</p> <p>1/1</p>	<p>Mini-METZENBAUM Scissors, serrated, tips curved to the left, with carbide inserts, PEEK insulation of the distal shaft</p>	<p>10 mm / 310 mm</p>
 <p>13 mm</p> <p>1/1</p>	<p>Mini-METZENBAUM Scissors, serrated, tips curved to the left, with carbide inserts, PEEK insulation of the distal shaft</p>	<p>5 mm / 310 mm</p>

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

5 mm / 310 mm

PO001R



Hook scissors, blunt

1/1

PO025R



Hook scissors, blunt

1/1

5 mm / 420 mm

PO002R



Peritoneal scissors, serrated

1/1

5 mm / 310 mm

PO006R



Peritoneal scissors with hook, serrated

1/1

5 mm / 310 mm

5 mm / 220 mm



Micro-dissecting scissors, tips curved to the left

1/1

PO003R



Micro-dissecting scissors, tips curved to the left

1/1

5 mm / 310 mm

PO014R





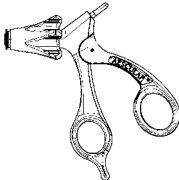

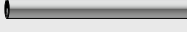

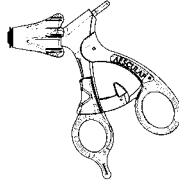

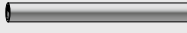



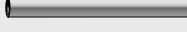

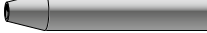
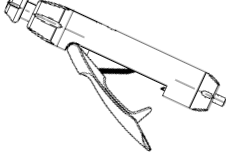

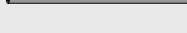



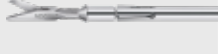
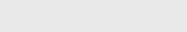



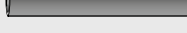

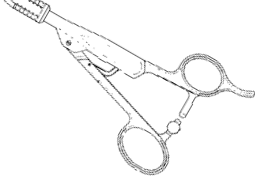


POTTS de MARTELL Mod. SAID
DUROTIP Endo vessel scissors

1/1

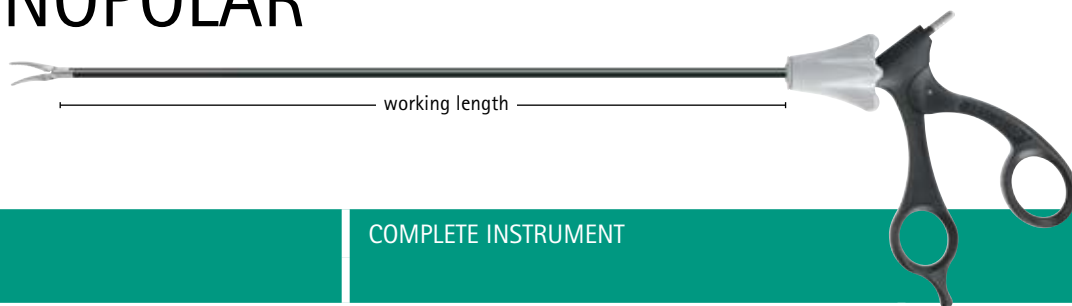
10 mm / 310 mm







Instrument with protruding jaw parts





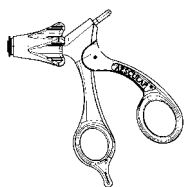




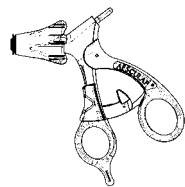

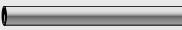


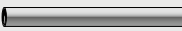


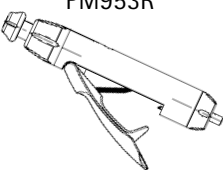





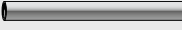

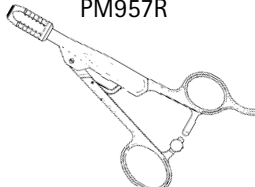
	SINGLE PARTS			INDIVIDUAL COMPONENTS	
	Jaw insert	Insulated outer tube	Handle		
	P0600R 	PM973R 	P0958R 	PM975R  Ø 5/10 mm	P0958R 
	P0744R 	PM981R 	P0958R 		P0959R 
	P0601R 	PM973R 	P0958R 	PM975R  Ø 5/10 mm	
	P0625R 	PM973R 	P0958R 	PM975R  Ø 5/10 mm	PM953R 
	PM630R 	PM970R 	P0958R 	PM971R  Ø 5/10 mm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

AdTec® MONOPOLAR

DISSECTING FORCEPS

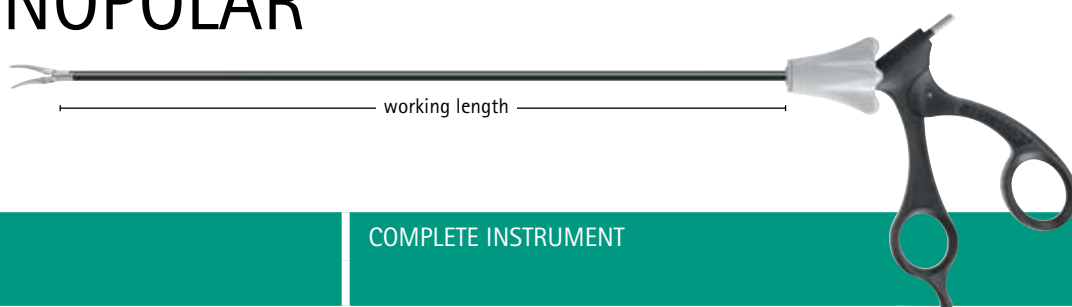


		COMPLETE INSTRUMENT	
 <p>21 mm</p> <p>1/1</p>		MARYLAND	5 mm / 220 mm
 <p>21 mm</p> <p>1/1</p>		MARYLAND	5 mm / 310 mm
 <p>21 mm</p> <p>1/1</p>		MARYLAND	5 mm / 420 mm
 <p>19 mm</p> <p>1/1</p>		MARYLAND	5 mm / 310 mm
 <p>21 mm</p> <p>1/1</p>		MARYLAND	5 mm / 310 mm
 <p>21 mm</p> <p>1/1</p>		MARYLAND	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

P0195R

CROCE/OLMI

5 mm / 310 mm

Fixation and dissection forceps, curved, jaw parts fenestrated



1/1

P0100R

5 mm / 310 mm

Forceps with atraumatic teeth



1/1

Fixation and dissecting forceps, slim

5 mm / 310 mm



1/1

Instrument with protruding jaw parts



1/1

Fixation and dissecting forceps, slim

5 mm / 310 mm

P0187R

PSALMON

5 mm / 310 mm

Precise-dissector, 90°



1/1

P0231R





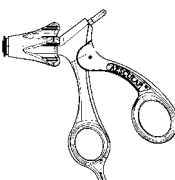

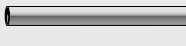


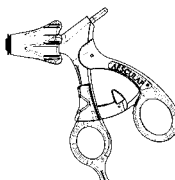

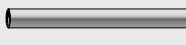

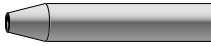
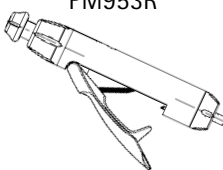

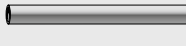


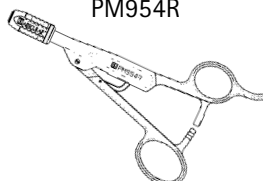

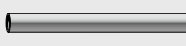



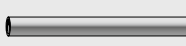


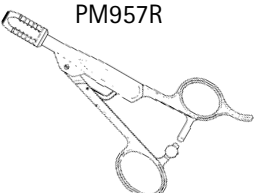
MIXTER

5 mm / 310 mm

Dissecting clamp, 90°

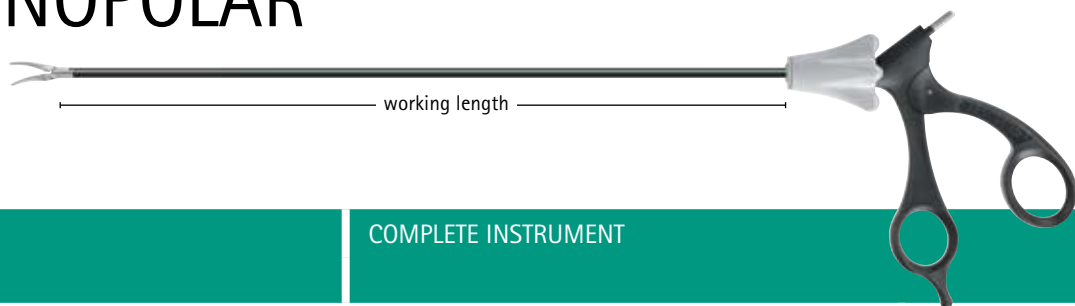


1/1

	SINGLE PARTS			INDIVIDUAL COMPONENTS	
	Jaw insert	Insulated outer tube	Handle		
	P0740R 	PM973R 	P0958R 	PM975R  Ø 5/10 mm	P0958R 
	P0605R 	PM973R 	P0958R 	PM975R  Ø 5/10 mm	P0959R 
	PM614R 	PM973R 	P0958R 	PM975R  Ø 5/10 mm	P0953R 
	PM647R 	PM973R 	P0958R 	PM975R  Ø 5/10 mm	PM954R 
	P0730R 	PM973R 	P0958R 	PM975R  Ø 5/10 mm	
	P0748R 	PM973R 	P0958R 	PM975R  Ø 5/10 mm	PM957R 

AdTec® MONOPOLAR

DISSECTING FORCEPS



COMPLETE INSTRUMENT

10 mm / 310 mm

PO103R

OVERHOLT
Dissecting clamp, 90°



1/1

OVERHOLT
Dissecting clamp, 90°, PEEK insulation of the distal shaft

10 mm / 370 mm



1/1

Instrument with protruding jaw parts

PO219R

OVERHOLT
Dissecting forceps with fine tip, 90°

10 mm / 370 mm



1/1

PO141R

OVERHOLT
Dissecting clamp, 60°

10 mm / 310 mm



1/1

OVERHOLT
Dissecting clamp, 60°, PEEK insulation of the distal shaft

10 mm / 310 mm



1/1

Instrument with protruding jaw parts

PO220R

OVERHOLT
Dissecting forceps with fine tip, 60°

10 mm / 370 mm



1/1

PO218R

CRILE
Fixation and dissecting forceps, curved

5 mm / 310 mm



1/1

Instrument with protruding jaw parts

PO213R





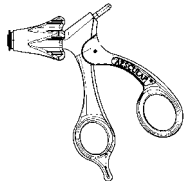

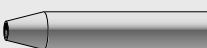


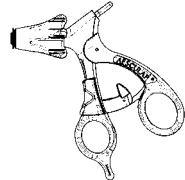








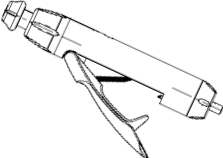













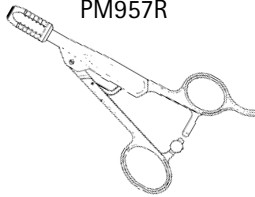



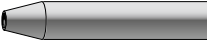
CRILE
Fixation and dissecting forceps, curved

5 mm / 370 mm



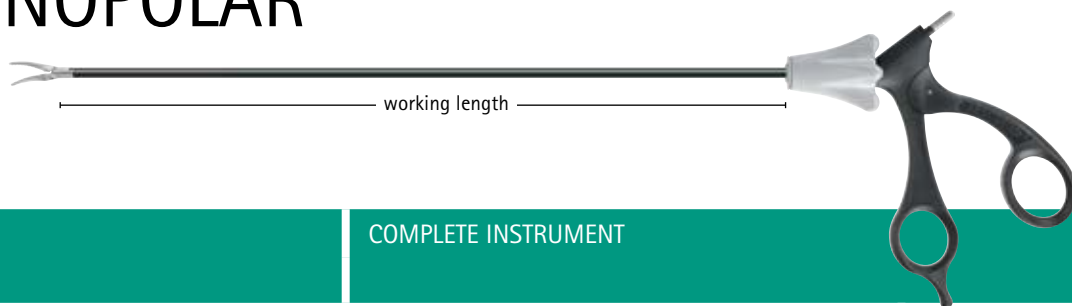
1/1

Instrument with protruding jaw parts

	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	
	P0773R 	PM978R 	P0958R 	PM976R  Ø 5 mm	PM954R 
	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

P0147R



Fixation forceps with jaw groove,
slim tapering jaw tip

1/1

5 mm / 220 mm



Atraumatic fixation and dissecting forceps

1/1

P0101R

5 mm / 310 mm



Atraumatic fixation and dissecting forceps

1/1

P0199R

5 mm / 420 mm



Atraumatic fixation and dissecting forceps

1/1

P0214R

5 mm / 370 mm



Atraumatic universal forceps

1/1

P0151R

5 mm / 310 mm



Delicate dissecting forceps

1/1

P0190R

5 mm / 310 mm



Fixation and dissecting forceps with jaw groove

1/1





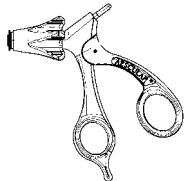




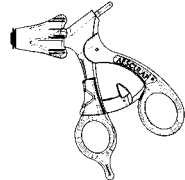

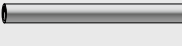

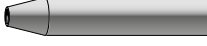

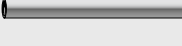

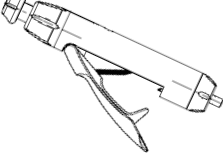
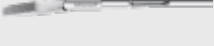
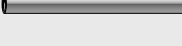




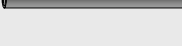






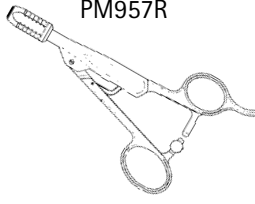




P0203R

5 mm / 420 mm



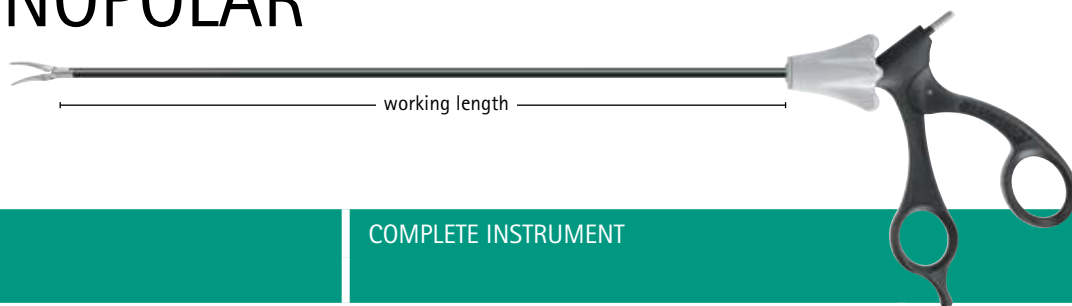
Fixation and dissecting forceps with jaw groove

1/1

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

AdTec® MONOPOLAR

GRASPING FORCEPS



COMPLETE INSTRUMENT

5 mm / 310 mm

P0109R



Crocodile forceps, extra-long jaws

1/1

P0127R

5 mm / 310 mm



Universal fixation forceps with jaw grooves

1/1

P0221R

5 mm / 310 mm



Universal grasping forceps with reservoir in the jaws

1/1





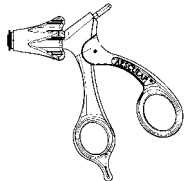

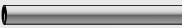


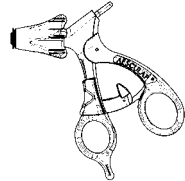





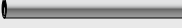

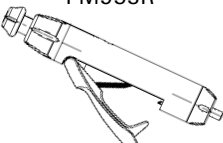
P0230R

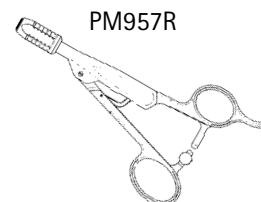
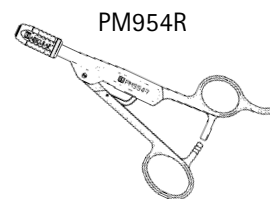
5 mm / 420 mm



Universal grasping forceps with reservoir in the jaws

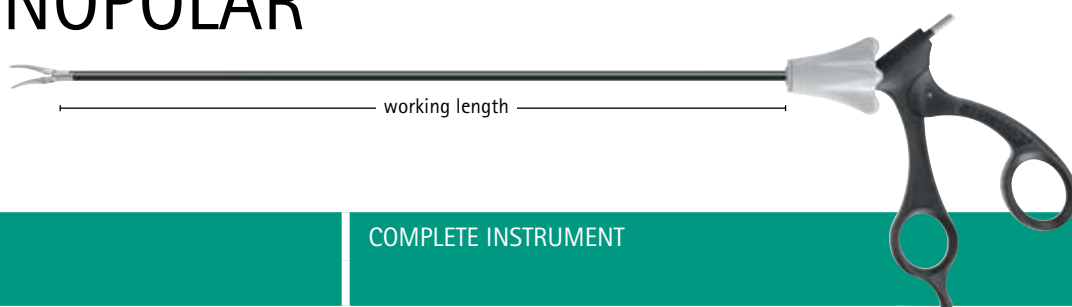
1/1

	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 		PM953R 



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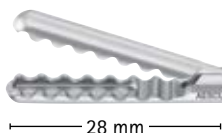
GRASPING FORCEPS



COMPLETE INSTRUMENT

5 mm / 310 mm

P0233R



Atraumatic universal forceps with grooves

1/1

P0234R



Atraumatic universal forceps with grooves

1/1

P0235R



Atraumatic universal forceps with grooves

1/1

P0236R



Atraumatic universal forceps with grooves

1/1

P0216R



Atraumatic grasping forceps, jaw part fenestrated

1/1

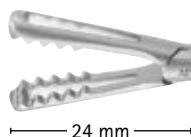
P0217R



Atraumatic grasping forceps, jaw part fenestrated

1/1

P0128R



Atraumatic universal grasping forceps, jaw part fenestrated





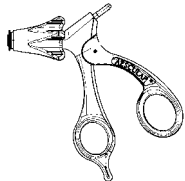




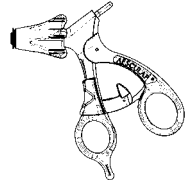

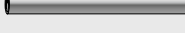



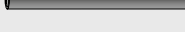

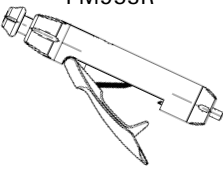

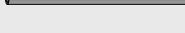


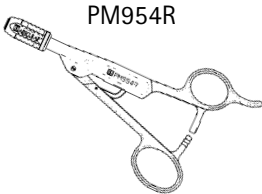

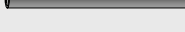


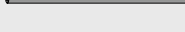


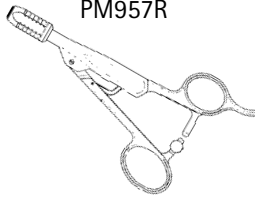

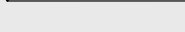


1/1

P0229R



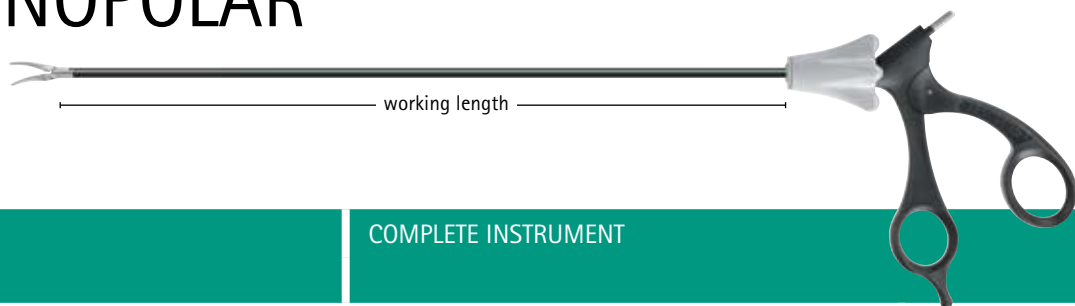
Atraumatic universal grasping forceps, jaw part fenestrated

1/1

	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	
	P0789R 	PM981R 	P0959R 		PM953R 
	P0769R 	PM973R 	P0958R 	PM975R  Ø 5/10 mm	PM954R 
	P0770R 	PM981R 	P0958R 		
	P0647R 	PM973R 	P0959R 	PM975R  Ø 5/10 mm	PM957R 
	P0782R 	PM981R 	P0959R 	PM975R  Ø 5/10 mm	

AdTec® MONOPOLAR

GRASPING FORCEPS



COMPLETE INSTRUMENT

5 mm / 310 mm

P0191R



Universal fixation and dissecting forceps,
jaw part fenestrated

1/1

P0185R



CROCE/OLMI
Atraumatic grasping forceps

1/1

P0232R



CROCE/OLMI
Atraumatic grasping forceps,
jaw part fenestrated

1/1

P0222R



Short universal fixation and dissecting
forceps, jaw part fenestrated

1/1

P0223R



Short universal fixation and dissecting
forceps, jaw part fenestrated

1/1

P0112R



DORSEY
Intestinal grasping forceps

1/1

Instrument with protruding jaw parts

DORSEY
Intestinal grasping forceps

1/1

Instrument with protruding jaw parts





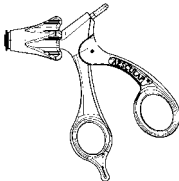




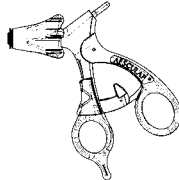




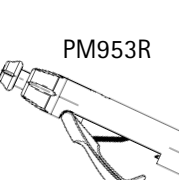



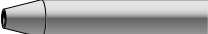
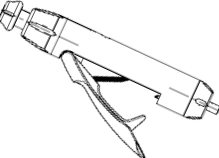








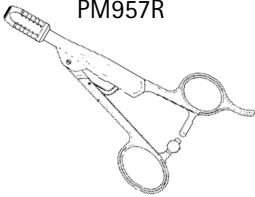







P0204R



DORSEY
Intestinal grasping forceps

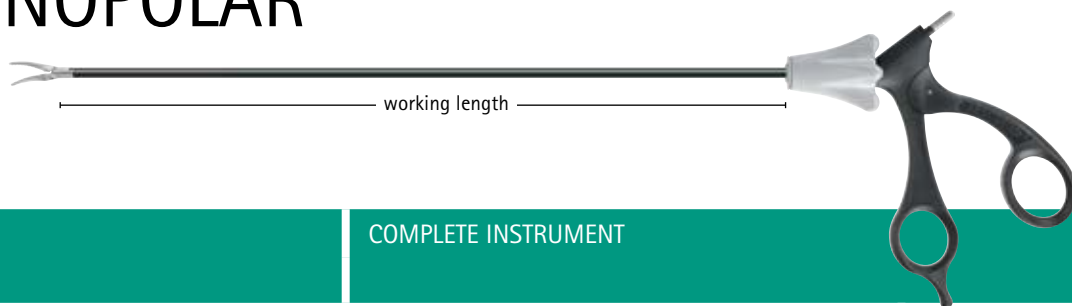
1/1

Instrument with protruding jaw parts

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





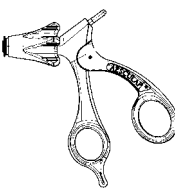




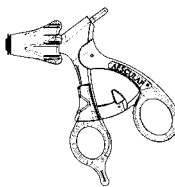






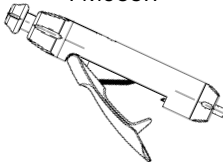



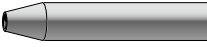







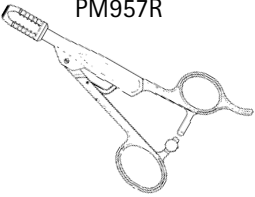

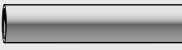

AdTec® MONOPOLAR

GRASPING FORCEPS



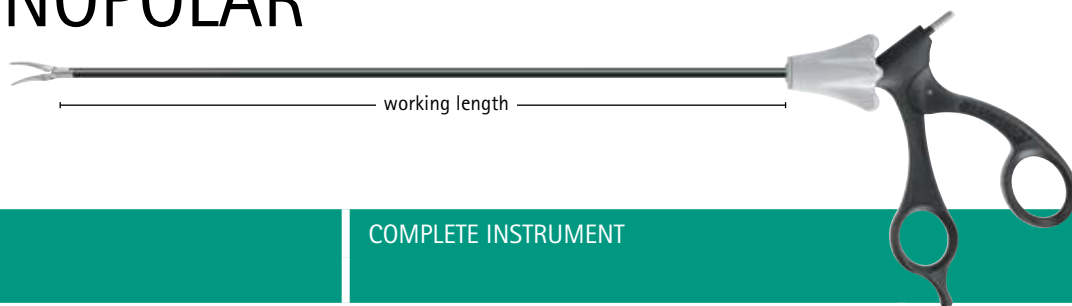
COMPLETE INSTRUMENT

		
 <p>33 mm</p> <p>1/1</p>	<p>P0113R BABCOCK Tissue-grasping forceps</p>	5 mm / 310 mm
 <p>31 mm</p> <p>1/1</p>	<p>BABCOCK Tissue-grasping forceps</p> <p>For use with flexible 13 mm trocars only</p>	5 mm / 310 mm
 <p>34 mm</p> <p>1/1</p>	<p>P0114R BABCOCK Tissue-grasping forceps</p>	10 mm / 310 mm
 <p>34 mm</p> <p>1/1</p>	<p>P0205R BABCOCK Tissue-grasping forceps</p>	10 mm / 420 mm
 <p>30 mm</p> <p>1/1</p>	<p>P0212R BABCOCK Tissue-grasping forceps</p>	5 mm / 310 mm
 <p>30 mm</p> <p>1/1</p>	<p>P0209R BABCOCK Tissue-grasping forceps</p>	5 mm / 420 mm
 <p>49 mm</p> <p>1/1</p>	<p>P0196R BABCOCK Tissue-grasping forceps</p>	10 mm / 370 mm
 <p>95 mm</p> <p>3/4</p>	<p>P0197R MEYER Tissue grasping and manipulation forceps, jaw length 90 mm</p>	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 		PM957R 
	P0742R 	PM977R 	P0959R 		





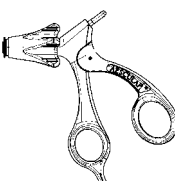




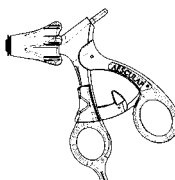








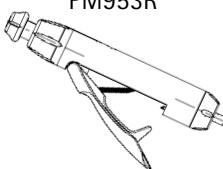




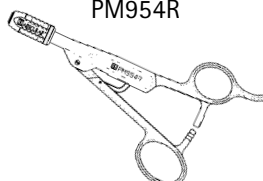
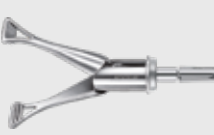






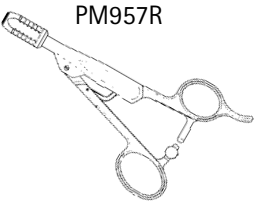



AdTec® MONOPOLAR

GRASPING FORCEPS



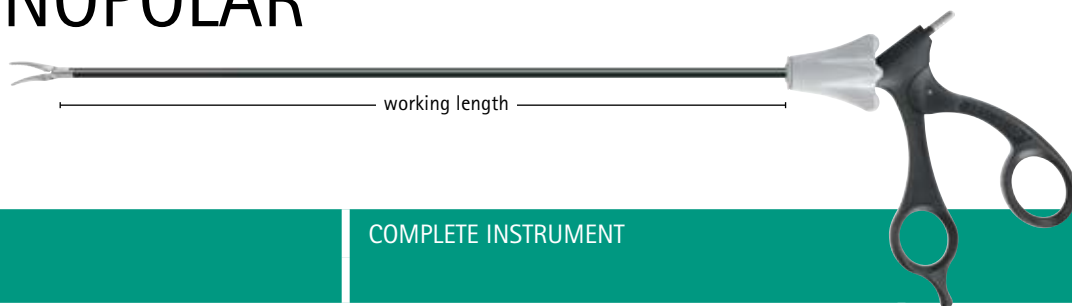
COMPLETE INSTRUMENT

 <p>35 mm</p> <p>1/1</p>	<p>PO104R</p> <p>ALLIS</p> <p>Atraumatic tissue grasping forceps</p> <p>Instrument with protruding jaw parts</p>	<p>5 mm / 310 mm</p>
 <p>30 mm</p> <p>1/1</p>	<p>ALLIS</p> <p>Atraumatic grasping forceps</p> <p>For use with flexible 13 mm trocars only</p>	<p>5 mm / 310 mm</p>
 <p>36 mm</p> <p>1/1</p>	<p>LINDER</p> <p>Endo lung grasping forceps</p> <p>For use with flexible 13 mm trocars only</p>	<p>5 mm / 220 mm</p>
 <p>36 mm</p> <p>1/1</p>	<p>LINDER</p> <p>Endo lung grasping forceps</p> <p>For use with flexible 13 mm trocars only</p>	<p>5 mm / 310 mm</p>
 <p>29 mm</p> <p>1/1</p>	<p>DUVAL</p> <p>Atraumatic endo parenchyma fixation forceps</p> <p>Instrument with protruding jaw parts</p>	<p>5 mm / 310 mm</p>
 <p>32 mm</p> <p>1/1</p>	<p>DUVAL</p> <p>Atraumatic endo parenchyma fixation forceps</p> <p>Instrument with protruding jaw parts</p>	<p>10 mm / 370 mm</p>
 <p>40 mm</p> <p>1/1</p>	<p>PO188R</p> <p>KIEFER</p> <p>Atraumatic universal and lung forceps</p>	<p>10 mm / 310 mm</p>
 <p>62 mm</p> <p>1/1</p>	<p>PO215R</p> <p>Intestinal grasping forceps, jaw length 60 mm</p>	<p>10 mm / 310 mm</p>









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





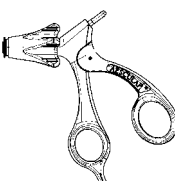

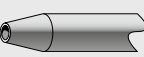


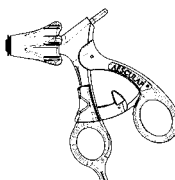

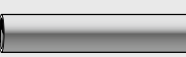


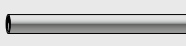


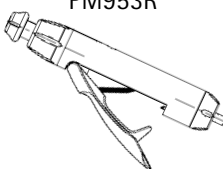




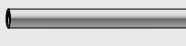


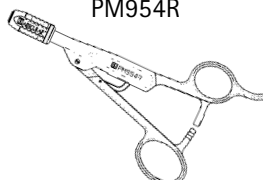

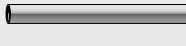


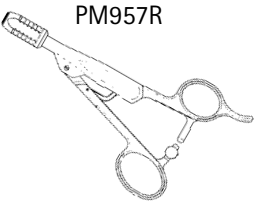

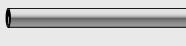


AdTec® MONOPOLAR

GRASPING FORCEPS



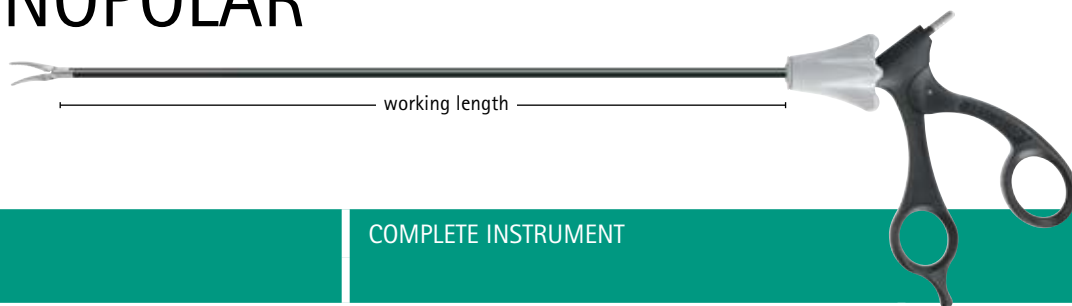
COMPLETE INSTRUMENT

 <p>28 mm</p> <p>1/1</p>	<p>PO186R CROCE/OLMI</p> <p>Combination fixation and dissection forceps, especially for gall bladder</p>	<p>5 mm / 310 mm</p>
 <p>34 mm</p> <p>1/1</p>	<p>PO105R HEYWOOD-SMITH</p> <p>Tissue- and swab forceps</p>	<p>10 mm / 310 mm</p>
 <p>41 mm</p> <p>1/1</p>	<p>PENNINGTON</p> <p>Tissue-grasping forceps</p> <p>Instrument with protruding jaw parts</p>	<p>10 mm / 370 mm</p>
 <p>19 mm</p> <p>1/1</p>	<p>PO211R</p> <p>Fixation forceps, medium size serration</p>	<p>5 mm / 310 mm</p>
 <p>19 mm</p> <p>1/1</p>	<p>PO208R</p> <p>Fixation forceps, medium size serration</p>	<p>5 mm / 420 mm</p>
 <p>18 mm</p> <p>1/1</p>	<p>PO149R</p> <p>Fixation forceps, jaw parts fenestrated, fine serration</p>	<p>5 mm / 310 mm</p>
 <p>18 mm</p> <p>1/1</p>	<p>PO206R</p> <p>Fixation forceps, jaw parts fenestrated, medium size serration</p>	<p>5 mm / 310 mm</p>
 <p>29 mm</p> <p>1/1</p>	<p>PO130R</p> <p>Atraumatic grasping forceps, jaw part fenestrated</p>	<p>5 mm / 310 mm</p>

	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 		
	P0680R 	PM973R 	P0958R 	PM975R  Ø 5/10 mm	PM954R 
	P0758R 	PM973R 	P0958R 	PM975R  Ø 5/10 mm	PM957R 
	P0646R 	PM973R 	P0958R 	PM975R  Ø 5/10 mm	

AdTec® MONOPOLAR

GRASPING FORCEPS



COMPLETE INSTRUMENT

P0129R

5 mm / 310 mm



Tube fixation and dissecting forceps

18 mm

1/1

P0200R

5 mm / 420 mm



Tube fixation and dissecting forceps

18 mm

1/1

P0210R

5 mm / 310 mm



Tube fixation forceps

14 mm

1/1

P0207R

5 mm / 420 mm



Tube fixation forceps

14 mm

1/1



Endo fixation forceps, especially to grasp around the intestine

10 mm / 310 mm

46 mm

1/1

Instrument with protruding jaw parts

P0189R

5 mm / 310 mm





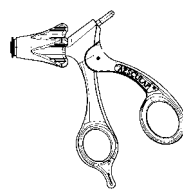

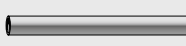

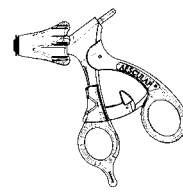




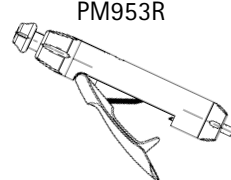
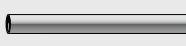




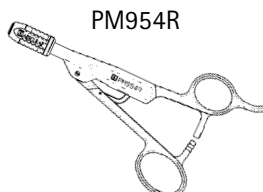

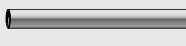


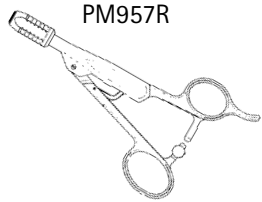


MASSOUD
Delicate forceps for lateral fixation of structures and vascular grafts during dissection and anastomosis

53 mm

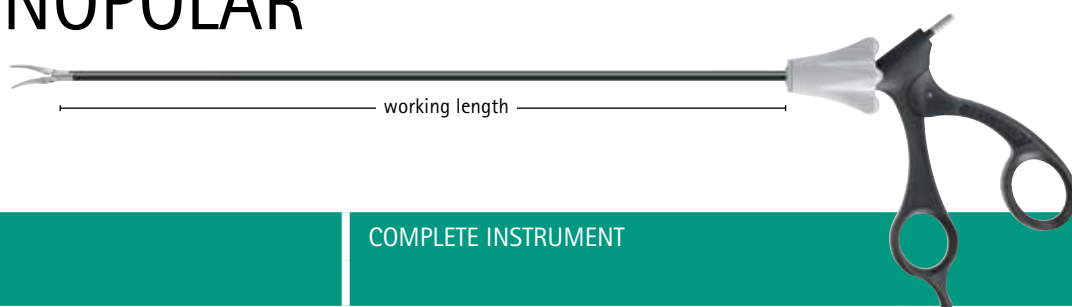
1/1

For use with flexible 13 mm trocars only

	SINGLE PARTS			INDIVIDUAL COMPONENTS	
	Jaw insert	Insulated outer tube	Handle		
	P0645R 	PM973R 	P0958R 	PM975R  Ø 5/10 mm	P0958R 
	P0748R 	PM981R 	P0958R 		P0959R 
	P0763R 	PM973R 	P0958R 	PM975R  Ø 5/10 mm	P0953R 
		PM981R 	P0958R 		
	PM681R 	PM974R 	P0959R 		PM954R 
	P0734R 	PM973R 	P0958R 	PM975R  Ø 5/10 mm	PM957R 

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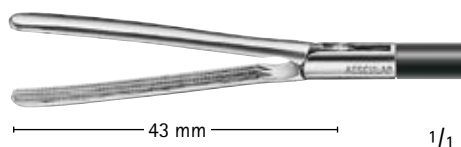
GRASPING FORCEPS



COMPLETE INSTRUMENT

5 mm / 310 mm

DE BAKEY
Atraumatic clamp



1/1

Instrument with protruding jaw parts

P0137R

5 mm / 420 mm

DE BAKEY
Atraumatic clamp

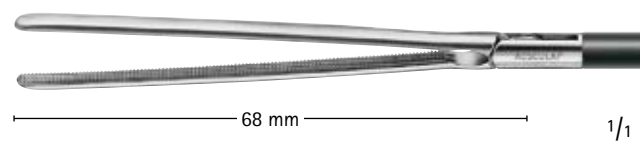


1/1

Instrument with protruding jaw parts

DE BAKEY
Atraumatic clamp

5 mm / 310 mm



1/1

Instrument with protruding jaw parts

DE BAKEY
Atraumatic clamp

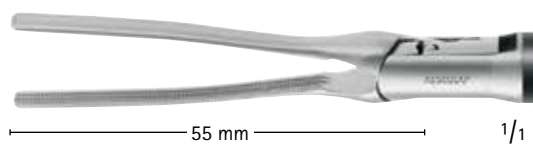
10 mm / 370 mm



1/1

DE BAKEY
Atraumatic clamp

10 mm / 220 mm



1/1

P0118R

10 mm / 370 mm

DE BAKEY
Atraumatic clamp



1/1





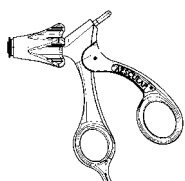

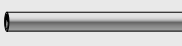

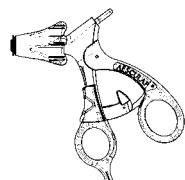

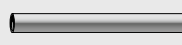


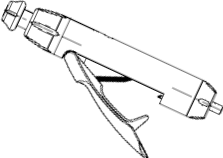





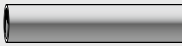

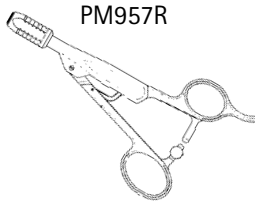

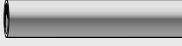




P0228R

10 mm / 310 mm

SIMON
Renal pole clamp for local ischaemia during tumor resection

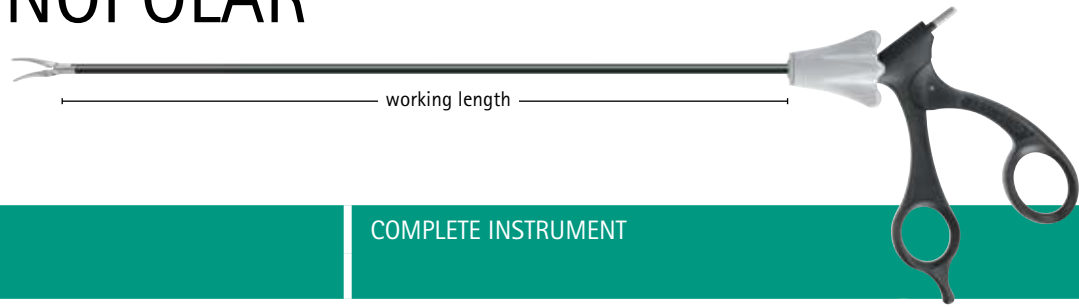


1/1

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	P0953R 	
PM651R 	PM977R 	P0959R 		PM954R 	
PM712R 	PM992R 	PM957R 		PM957R 	
P0624R 	PM977R 	P0959R 			
P0781R 	PM974R 	P0959R 			

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GRASPING FORCEPS

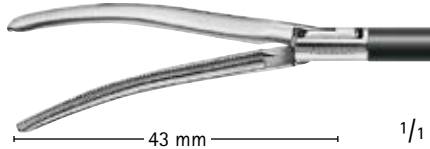


COMPLETE INSTRUMENT

5 mm / 310 mm

PM173R

CRAFOORD
Endo-vascular clamp

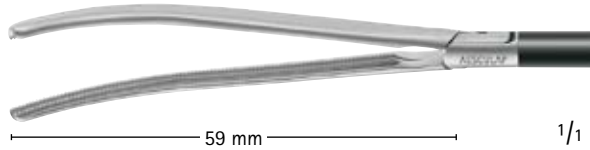


1/1

For use with 10 mm trocars

PM178R

CRAFOORD
Endo-vascular clamp

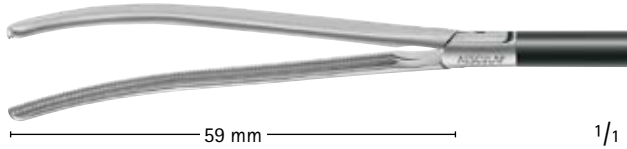


1/1

For use with 10 mm trocars

P0152R

CRAFOORD
Endo-vascular clamp

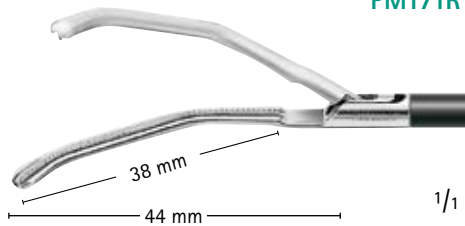


1/1

For use with 10 mm trocars

PM171R

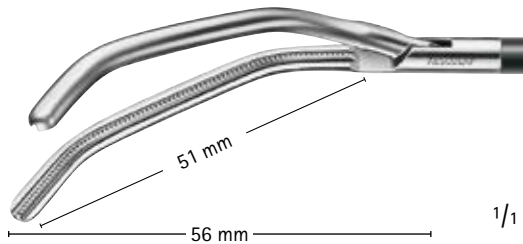
SATINSKY
Atraumatic clamp



1/1

For use with flexible 13 mm trocars only

SATINSKY
Atraumatic clamp

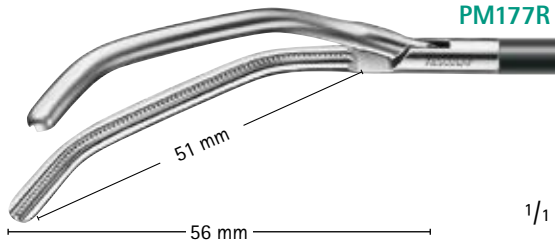


1/1

For use with flexible 13 mm trocars only





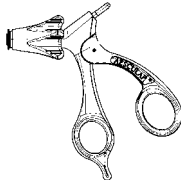




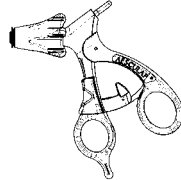





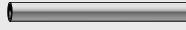


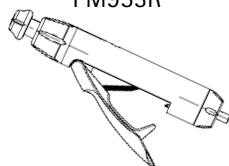

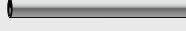




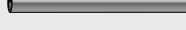


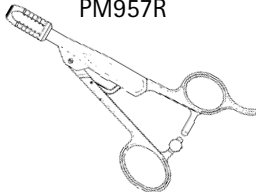
PM177R

SATINSKY
Atraumatic clamp



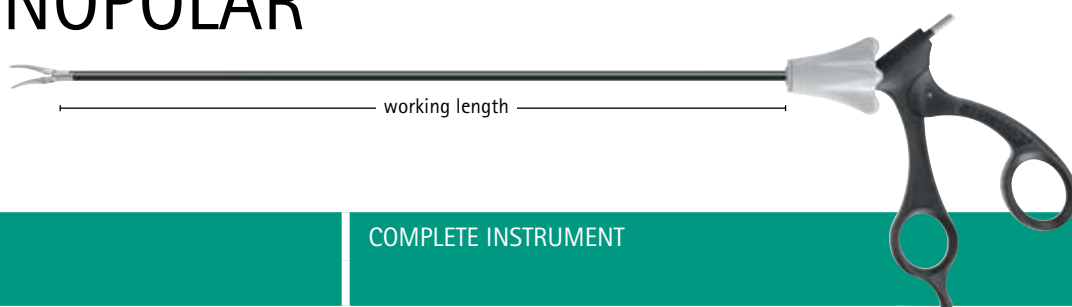
1/1

For use with flexible 13 mm trocars only

	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 

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GRASPING FORCEPS



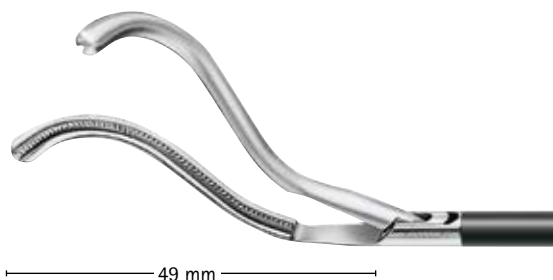
COMPLETE INSTRUMENT

DE BAKEY

Pulmonary clamp acc. to LINDER, s-shaped

5 mm / 220 mm

For use with flexible 13 mm trocars only



1/1

PM176R

DE BAKEY

Atraumatic fixation forceps acc. to LINDER, s-shaped

5 mm / 310 mm

For use with flexible 13 mm trocars only



1/1

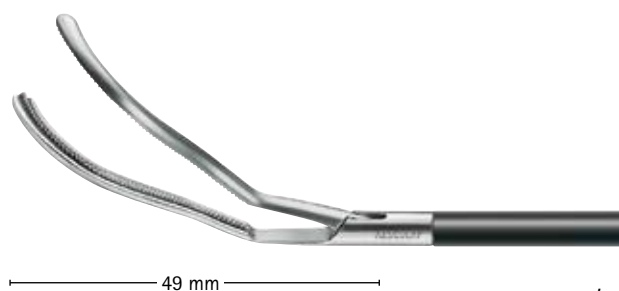
PM175R

DE BAKEY





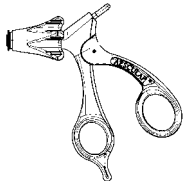




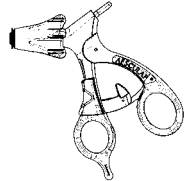




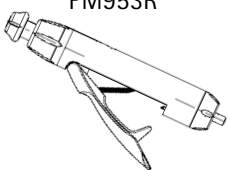

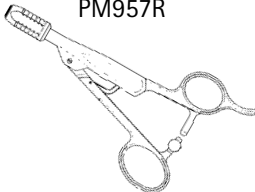
Atraumatic fixation forceps acc. to LINDER, s-shaped

5 mm / 310 mm

For use with flexible 13 mm trocars only

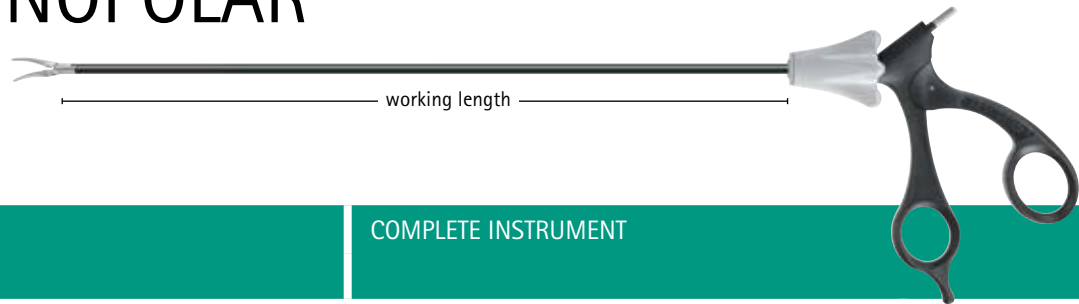


1/1

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

AdTec® MONOPOLAR

GRASPING FORCEPS



5 mm / 220 mm

COMPLETE INSTRUMENT



1/1

Pike-mouth forceps with reservoir in the jaws

P0107R

5 mm / 310 mm



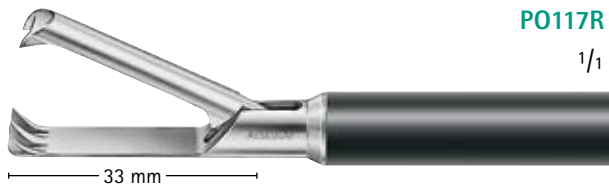
1/1

Pike-mouth forceps with reservoir in the jaws



1/1

Large pike-mouth forceps extra-wide jaws



1/1

Fixation forceps, 2 x 3 teeth

P0117R

10 mm / 310 mm



1/1

Grasping forceps, 2 x 4 teeth

P0132R

5 mm / 310 mm



1/1

Grasping forceps, 2 x 4 teeth

P0201R

5 mm / 420 mm



1/1

Grasping forceps, 1 x 2 teeth





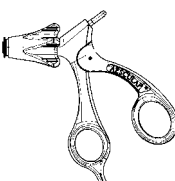

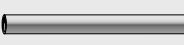


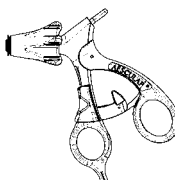

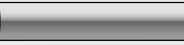




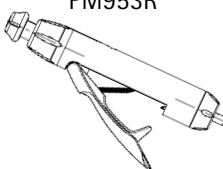



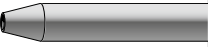
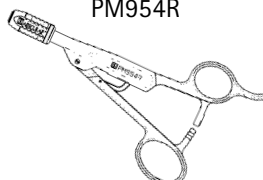




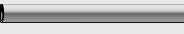


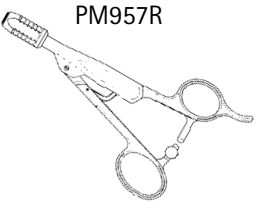

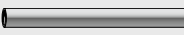


P0134R

5 mm / 310 mm



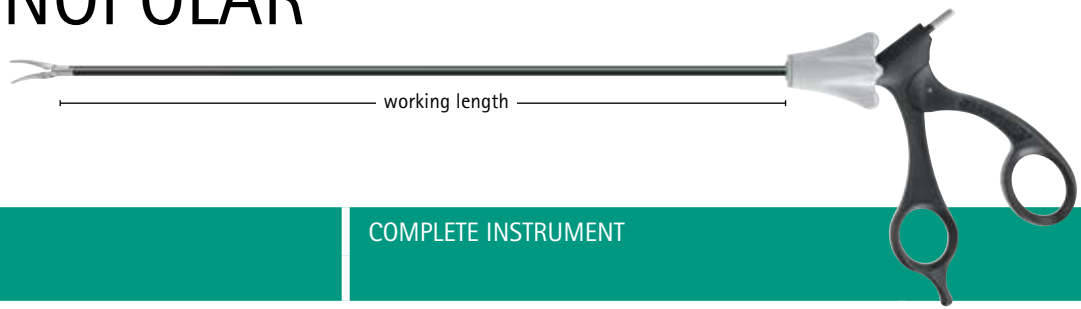
1/1






Grasping forceps, fine teeth





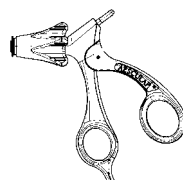




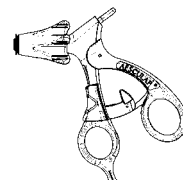

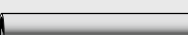





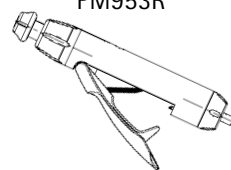



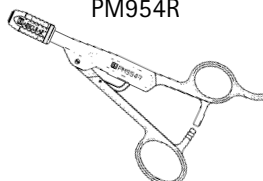
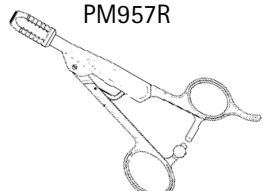
	SINGLE PARTS			INDIVIDUAL COMPONENTS	
	Jaw insert	Insulated outer tube	Handle		
	P0634R 	PM970R 	P0959R 	PM971R  Ø 5/10 mm	P0958R 
	P0613R 	PM973R 	P0959R 	PM975R  Ø 5/10 mm	P0959R 
	PM621R 	PM974R 	P0959R 		
	P0623R 	PM974R 	P0959R 		PM953R 
	P0648R 	PM973R 	P0959R 	PM975R  Ø 5/10 mm	PM954R 
	P0749R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

AdTec® MONOPOLAR

GRASPING FORCEPS

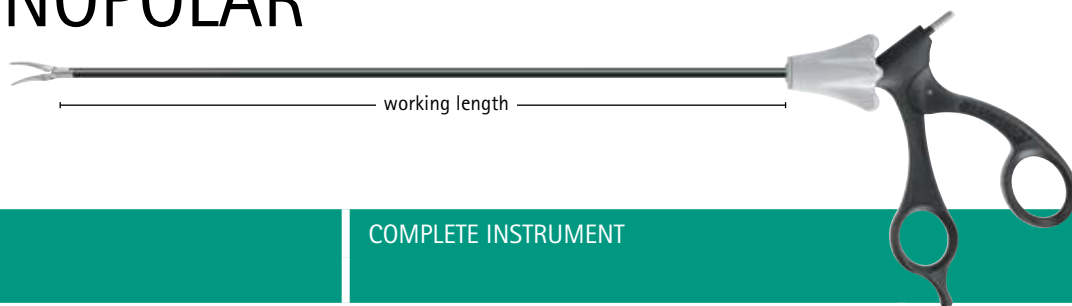


COMPLETE INSTRUMENT	
 <p>19 mm</p> <p>1/1</p>	<p>P0111R</p> <p>NELSON</p> <p>Grasping forceps, sharp</p> <p>5 mm / 310 mm</p>
 <p>33 mm</p> <p>1/1</p>	<p>P0224R</p> <p>Tenaculum Grasping forceps</p> <p>5 mm / 310 mm</p>
 <p>42 mm</p> <p>1/1</p>	<p>P0225R</p> <p>Tenaculum Grasping forceps</p> <p>10 mm / 310 mm</p>
 <p>23 mm</p> <p>1/1</p>	<p>P0194R</p> <p>Lymph node grasping forceps</p> <p>5 mm / 220 mm</p>
 <p>36 mm</p> <p>1/1</p>	<p>Endo lymph node fixation forceps</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 
					PM957R 

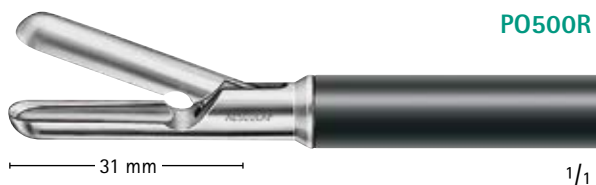
AdTec® MONOPOLAR

BIOPSY FORCEPS



COMPLETE INSTRUMENT

10 mm / 310 mm



PO500R

Large biopsy forceps

1/1

PO501R

5 mm / 310 mm



Sample excision forceps

1/1

PO509R

5 mm / 420 mm



Sample excision forceps

1/1

PO505R

5 mm / 310 mm



Biopsy forceps with teeth

1/1




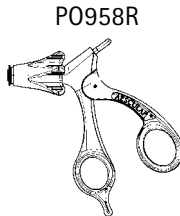






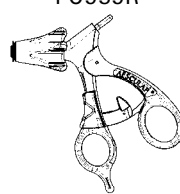

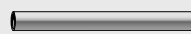




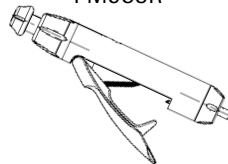
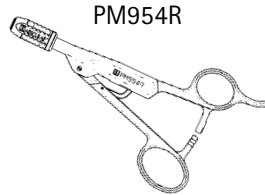
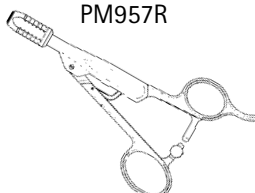
PO511R

5 mm / 420 mm



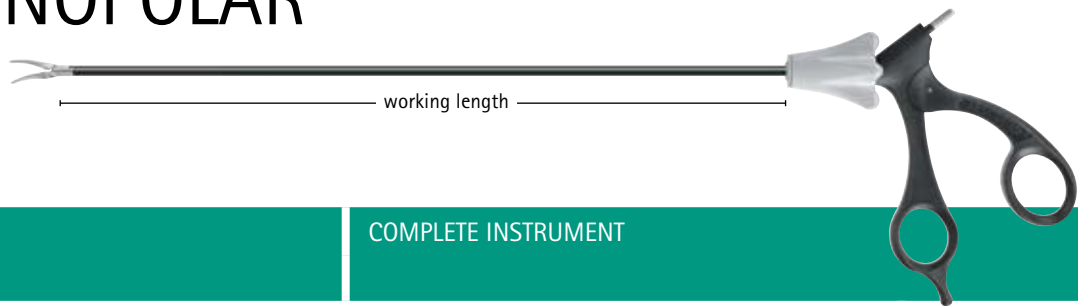
Biopsy forceps with teeth

1/1

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

AdTec® MONOPOLAR

BIOPSY FORCEPS



COMPLETE INSTRUMENT

5 mm / 220 mm



Biopsy forceps cutting

1/1

P0502R

5 mm / 310 mm



Biopsy forceps cutting

1/1

P0512R

5 mm / 420 mm



Biopsy forceps cutting

1/1

FRANGENHEIM

5 mm / 310 mm

Biopsy forceps cutting



1/1





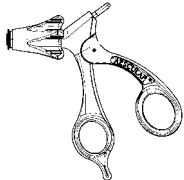

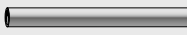


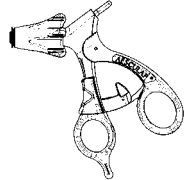

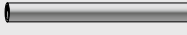


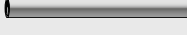


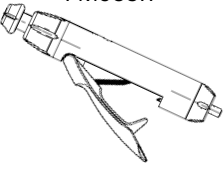

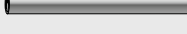

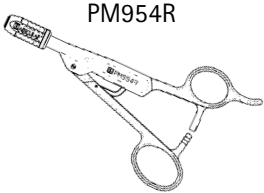
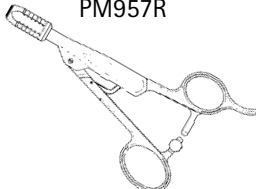
P0510R

5 mm / 420 mm



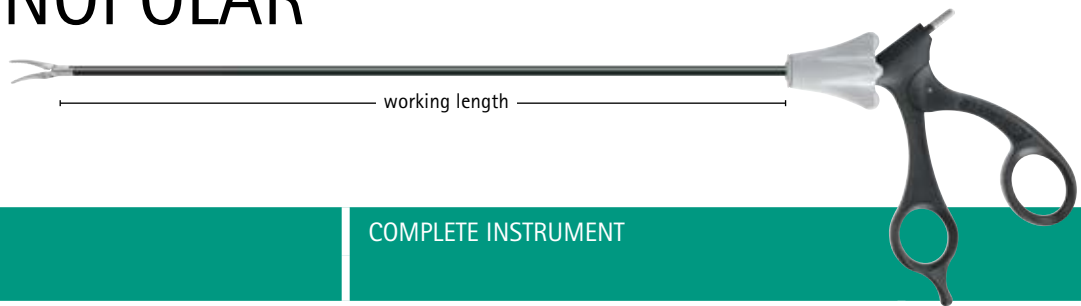
FRANGENHEIM
Biopsy forceps cutting

1/1

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

AdTec[®] MONOPOLAR

NEEDLE HOLDERS



COMPLETE INSTRUMENT

5 mm / 310 mm

P0550R



DUROGRIP Needle holder, with tungsten carbide inserts

1/1

P0559R







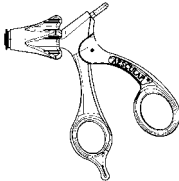







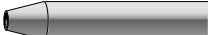
DUROGRIP Needle holder, with tungsten carbide inserts, curved

1/1

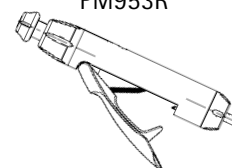


Knot pushing forceps

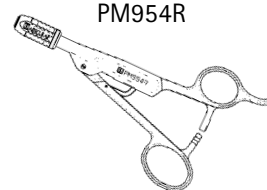
1/1

SINGLE PARTS				INDIVIDUAL COMPONENTS	
Jaw insert	Insulated outer tube	Handle			
PO628R 	PM973R 	P0959R 	PM975R  Ø 5/10 mm	P0958R 	
PO668R 	PM973R 	P0959R 	PM975R  Ø 5/10 mm		
PM654R 	PM973R 	P0958R 	PM975R  Ø 5/10 mm		

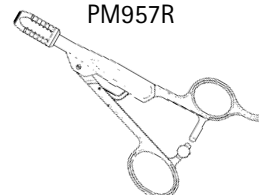
PM953R



PM954R

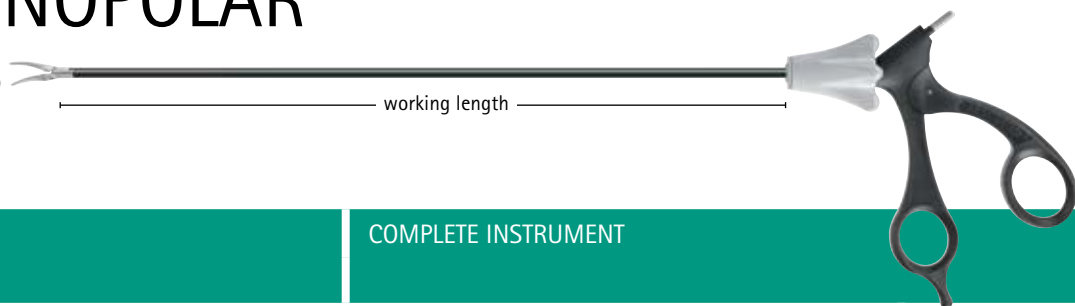


PM957R



AdTec® MONOPOLAR

THORAX INSTRUMENTS



COMPLETE INSTRUMENT

METZENBAUM

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

For use with flexible 7 or 13 mm trocars only

5 mm / 310 mm



1/1

Peritoneal scissors, serrated, distal shaft bent

For use with flexible 7 or 13 mm trocars only

5 mm / 310 mm



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




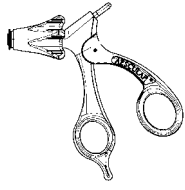



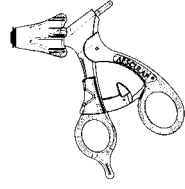

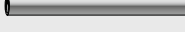

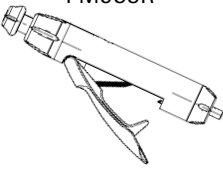



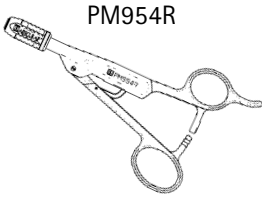
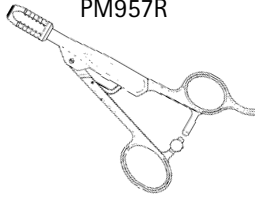
Tissue and swab forceps, distal shaft bent

For use with flexible 13 mm trocars only

5 mm / 310 mm

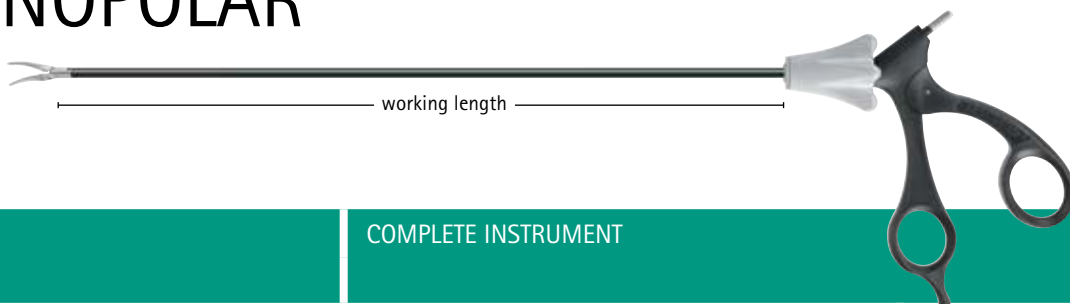


1/1

	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® MONOPOLAR

THORAX INSTRUMENTS



COMPLETE INSTRUMENT

5 mm / 310 mm



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

For use with flexible 7 or 13 mm trocars only

1/1



NELSON

Grasping forceps, sharp, distal shaft bent

For use with flexible 7 or 13 mm trocars only

1/1






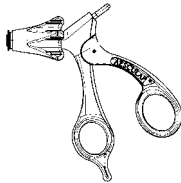



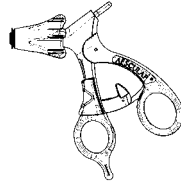



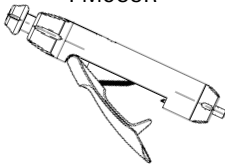

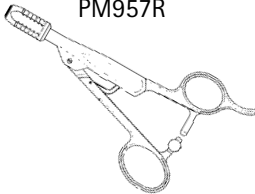
Sample excision forceps, distal shaft bent

For use with flexible 7 or 13 mm trocars only

1/1

5 mm / 310 mm

5 mm / 310 mm

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

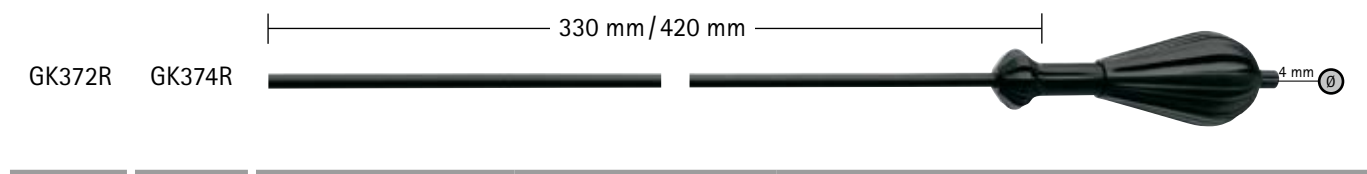
MONOPOLAR LAPAROSCOPIC ELECTRODES



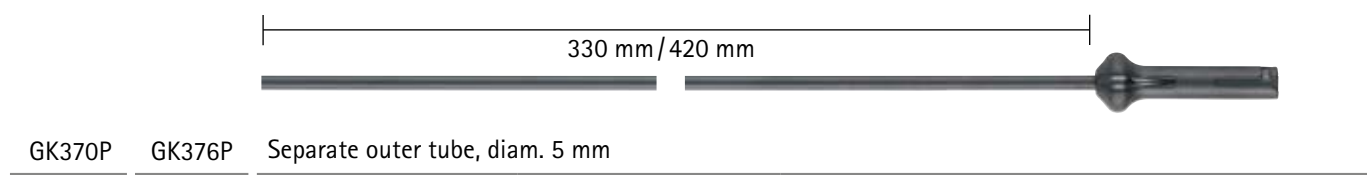
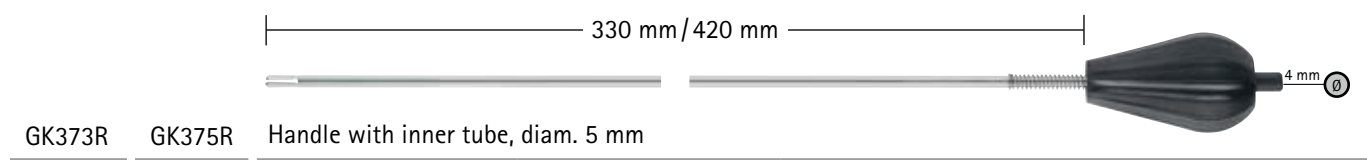
THE MODULAR PRINCIPLE ALSO INCLUDES IMPORTANT SAFETY ASPECTS

- 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

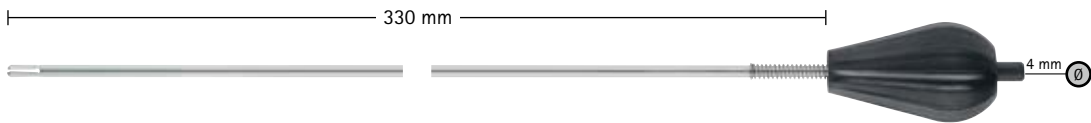
330 mm Low-energy micropin, complete, Ø 5 mm



Art. no. Spare parts (components of GK390R)



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



GK373R Handle with inner tube, diam. 5 mm



GK371P Separate outer tube, diam. 5 mm



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



GN202 AESCULAP®, ACMI, Berchtold, Martin



GK239 ERBE ICC / ACC, KARL STORZ



GK245 ERBE T



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


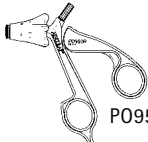

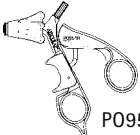

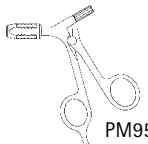
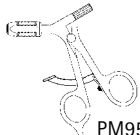

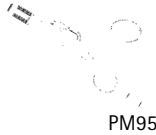
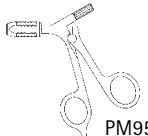
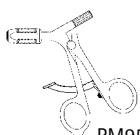
Art. no. Accessories




GK299 Wire brush for cleaning the electrodes

AdTec[®] MONOPOLAR

SPARE PARTS

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



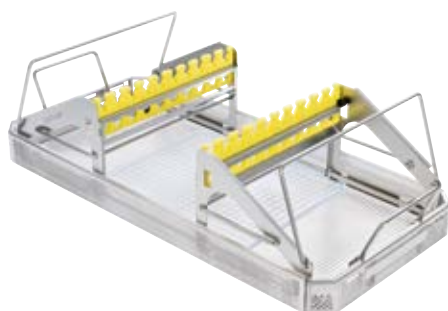
- Universal silicone storage rack for instruments
- Variable instrument storage
- Fold down handles for easier instrument removal
- Optional trocar storage



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



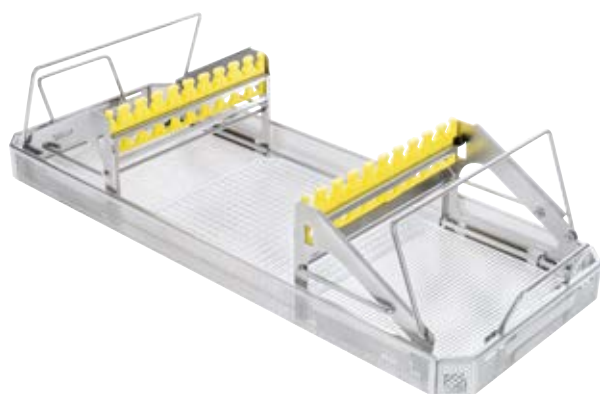
JK444 +
JK489

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

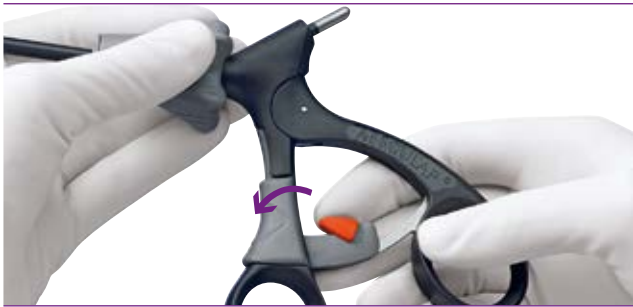
External dimensions: 711 x 285 x 205 mm

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



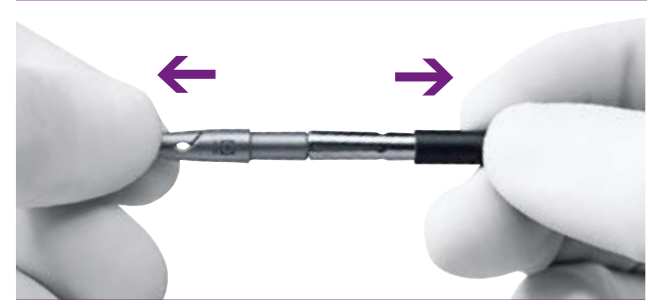
- I Deactivate ratchet on ratchet handle**
Flip down red toggle switch. N.B.: for PO959R only



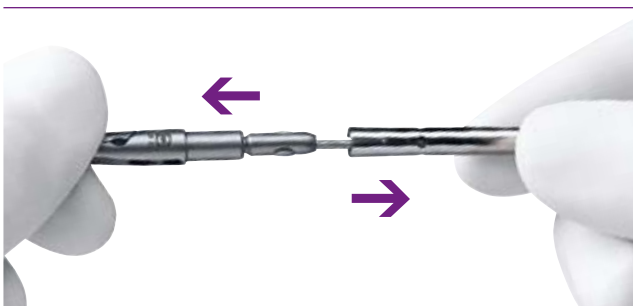
- II Disconnect shaft and handle**
Pull rotation knob back until it locks in place. A red ring becomes visible.
Important: Do not hold on to the movable handle component.



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



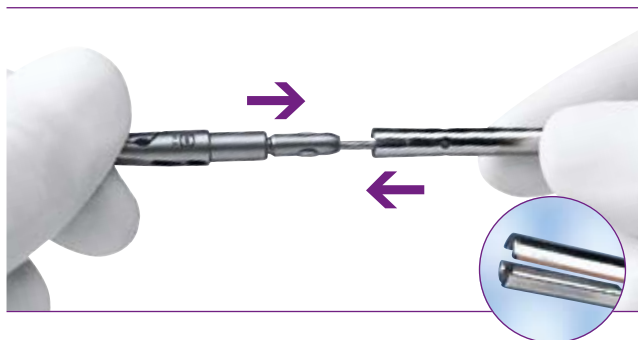
- IV Disassemble shaft I**
Hold the jaw insert at the tip and remove the outer insulation tube.



- 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 P0959R 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.

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CURVED THORACIC INSTRUMENT

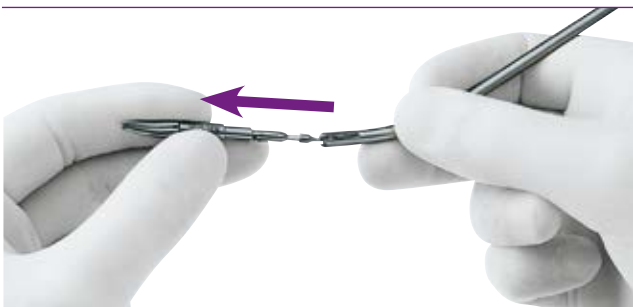
DISASSEMBLY



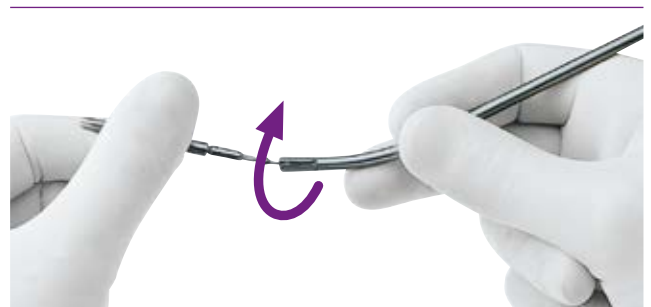
I Pull back the spring mechanism indicated with an arrow as far as it will go. Hold at this position and at the same time pull out the shaft. **Note:** In the case of handle with a lock (PM954R, PM957R), open the ratchet completely.



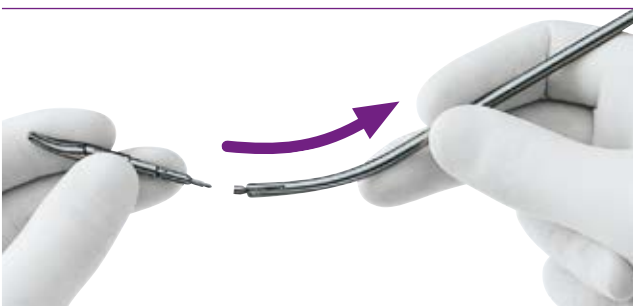
II Pull off the insulated, flexible outer tube from the shaft.



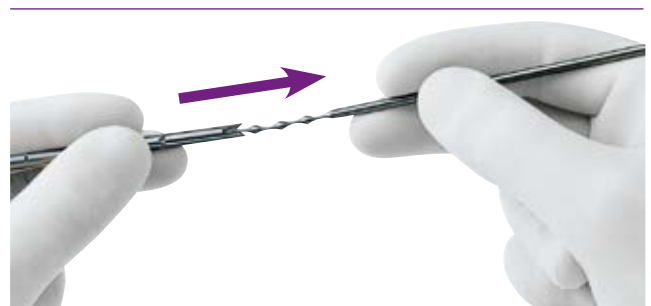
III Push flexible tension rod towards the jaw part (approx. 1 cm).



IV Unscrew the jaw part as indicated by the arrow.



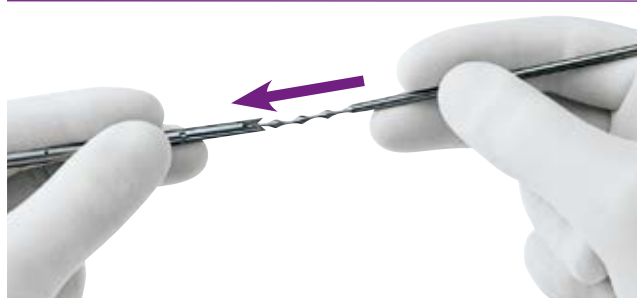
V After unscrewing the jaw part, pull the tension rod backwards.



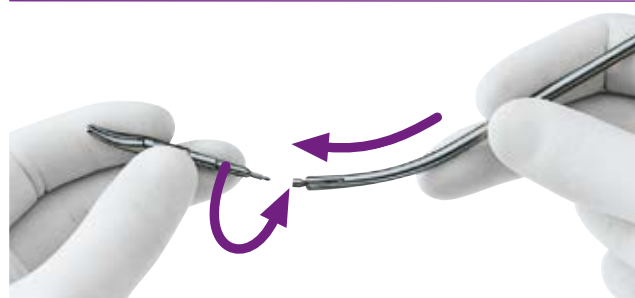
VI Remove the complete tension rod in a backward direction from the inner tube.



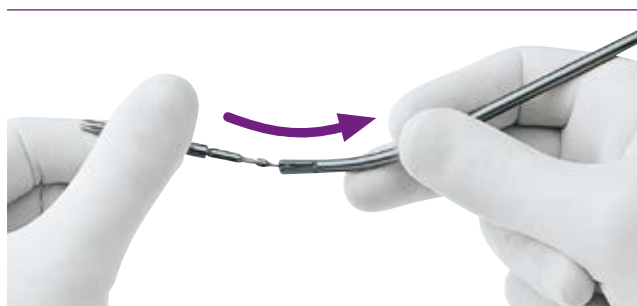
ASSEMBLY



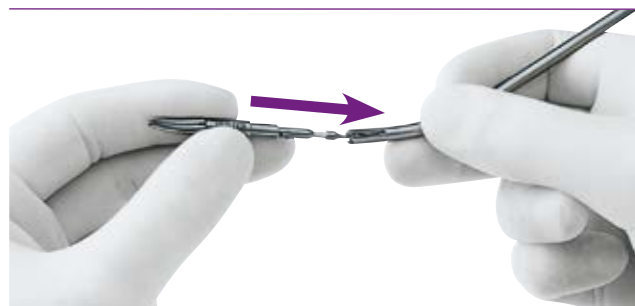
I Push the flexible tension rod into the inner tube.



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.



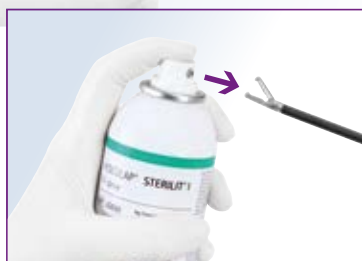
V Push insulated flexible outer tube PM983P onto the inner tube.



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
	
GK469R	Cleaning brush diam. 3.7 mm, length 550 mm for inner tube and outer tube diam. 5 mm. Package of 6 pieces.
	
PM995R	Cleaning brush diam. 10 mm, length 550 mm for outer tube diam. 5 mm and diam. 10 mm. Package of 6 pieces.

AdTec® MONOPOLAR

AESCULAP® TECHNICAL SERVICE

QUALITY IS ECONOMICALLY!

If the AESCULAP® 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 AESCULAP® Technical Service, with its quality monitored repair standards, guarantees high quality and long term preservation of value.

AESCULAP®'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 AESCULAP® Quality Standard.

SPECIAL SERVICE FEATURES

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



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

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

AESCULAP® 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.

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AdTec® MONOPOLAR

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AESCULAP® – a B. Braun brand

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