

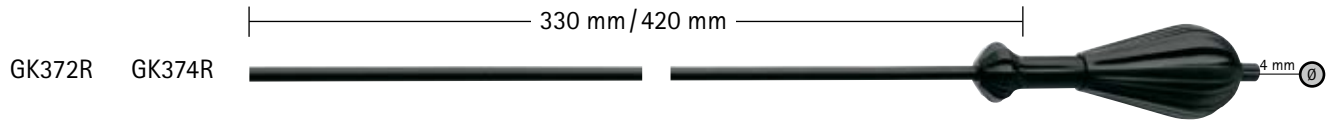
MONOPOLAR LAPAROSCOPIC ELECTRODES



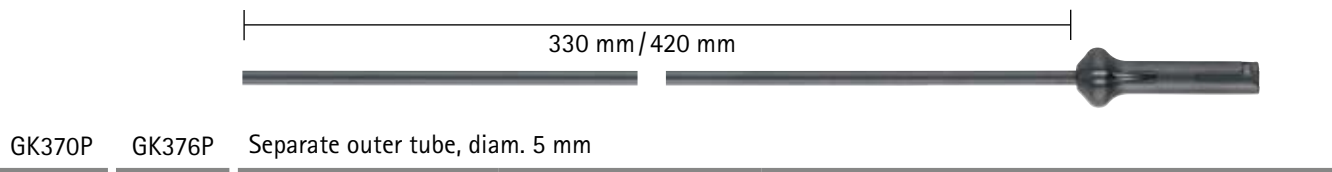
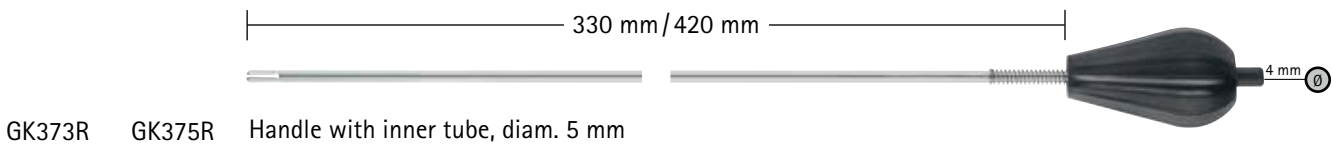
THE MODULAR PRINCIPLE ALSO INCLUDES IMPORTANT SAFETY ASPECTS

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

330 mm | 420 mm | Handle for monopolar laparoscopy electrodes, diam. 5 mm



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



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

MONOPOLAR LAPAROSCOPIC ELECTRODES

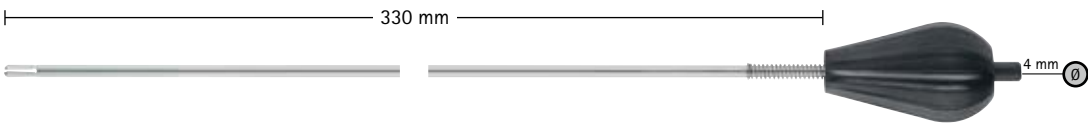
330 mm Low-energy micropin, complete, \varnothing 5 mm



Art. no. Spare parts (components of GK390R)



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



GK373R Handle with inner tube, diam. 5 mm



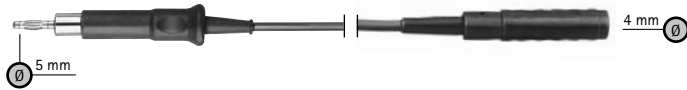
GK371P Separate outer tube, diam. 5 mm



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



GN202 AESCULAP®, ACMI, Berchtold, Martin



GK239 ERBE ICC / ACC, KARL STORZ



GK245 ERBE T



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


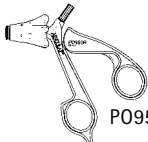

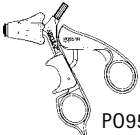

Art. no. Accessories


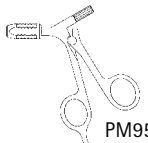
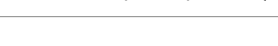
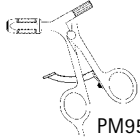

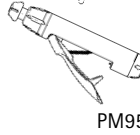





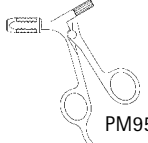
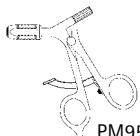
GK299 Wire brush for cleaning the electrodes


AdTec® MONOPOLAR

SPARE PARTS

Art. no.	HF contact pin for AdTec® monopolar handle P0950R, P0951R only	
		
P0950400	AESCULAP®, Wolf, Storz (Click-line), Olympus (HiQ+), including cap, package of 5 pieces	 P0950R
		
P0950410	Storz, old type, Package of 5 pieces	 P0951R
		
P0950420	Olympus (HiQ) diam. 3 mm, package of 5 pieces	

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

Art. no.	Rotation knob for AdTec® monopolar handle PM950R, PM951R only	
		
		 PM950R
		 PM951R
PM950250	Rotation knob, package of 5 pieces	

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












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



PM009251 Flexible tension rod

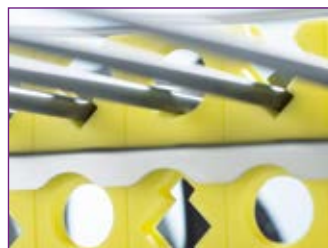
Art. no.	Length	Diam.	Insulated outer tube
PM970R	220 mm	5/5 mm	
PM971R	220 mm	5/10 mm	
PM992R	220 mm	10/10 mm	
PM973R	310 mm	5/5 mm	
PM975R	310 mm	5/10 mm	
PM974R	310 mm	10/10 mm	
PM976R	370 mm	5/5 mm	
PM978R	370 mm	5/10 mm	
PM977R	370 mm	10/10 mm	
PM981R	420 mm	5/5 mm	
PM982R	420 mm	10/10 mm	

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

ENDO RACK



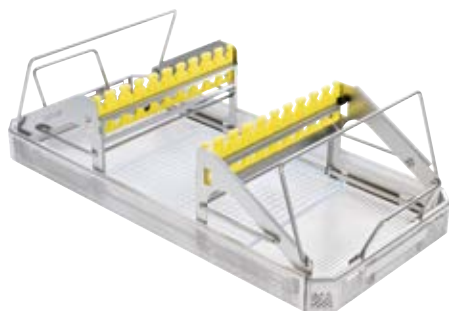
- Universal silicone storage rack for instruments
- Variable instrument storage
- Fold down handles for easier instrument removal
- Optional trocar storage



For more information see
brochure number C22111.

Art. no.

Storage rack set for MIS instruments,
standard



consisting of:

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

PL960R

Dimensions: 540 x 253 x 166 mm

Art. no.

Container for storage rack set PL960R



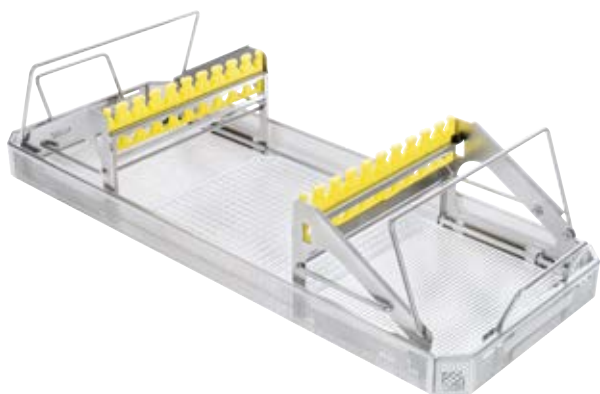
JK444 +
JK489

JK444 bottom and JK489 lid

External dimensions: 592 x 285 x 205 mm

Art. no.

Storage rack set for MIS instruments,
long



consisting of:

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

PL961R

Dimensions: 660 x 253 x 166 mm

Art. no.

Container for storage rack set PL961R



JN445 +
JK490

JN445 bottom and JK490 lid

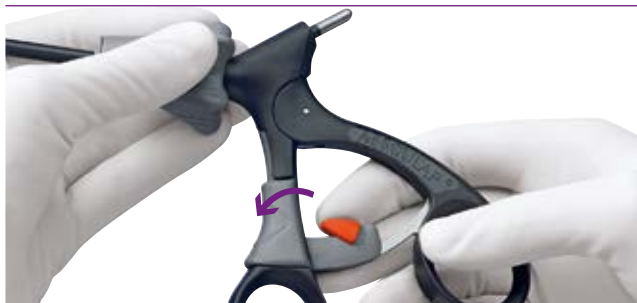
External dimensions: 711 x 285 x 205 mm

NB: The Endocontainer can only be sterilized in
sterilizers with the appropriate chamber size
(at least 720 mm working depth).

AdTec® MONOPOLAR

STANDARD INSTRUMENTS

DISASSEMBLY



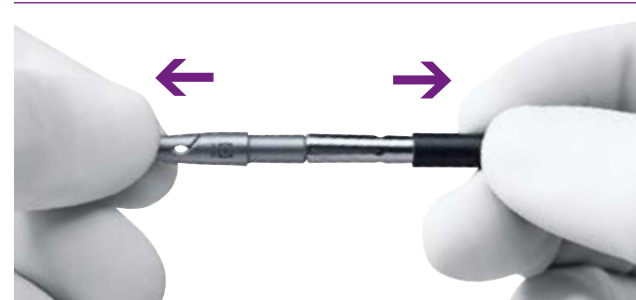
I Deactivate ratchet on ratchet handle
Flip down red toggle switch. N.B.: for **PO959R** only



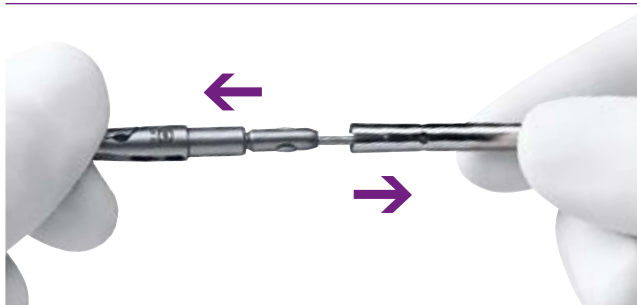
II Disconnect shaft and handle
Pull rotation knob back until it locks in place. A red ring becomes visible.
Important: Do not hold on to the movable handle component.



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



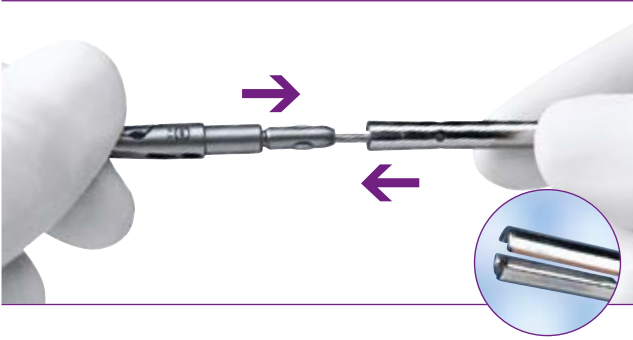
IV Disassemble shaft I
Hold the jaw insert at the tip and remove the outer insulation tube.



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

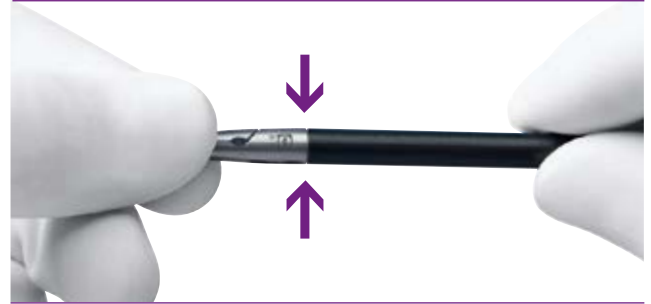


ASSEMBLY



I Assemble shaft I

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



II Assemble shaft II

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



III Prepare handle

If the red ring is not visible, pull the rotation knob back. Deactivate the ratchet by flipping down the red toggle switch. **N.B.:** for PO959R only



IV Connect shaft and handle

Hold the shaft firmly by its tip and the handle behind the rotation knob. Push the shaft into the handle until it locks in place and the red ring disappears.

Important: Do not hold on to the movable handle component.



V Function test

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

AdTec[®] MONOPOLAR

CURVED THORACIC INSTRUMENT



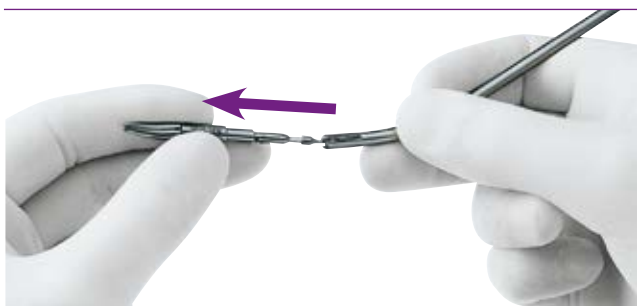
DISASSEMBLY



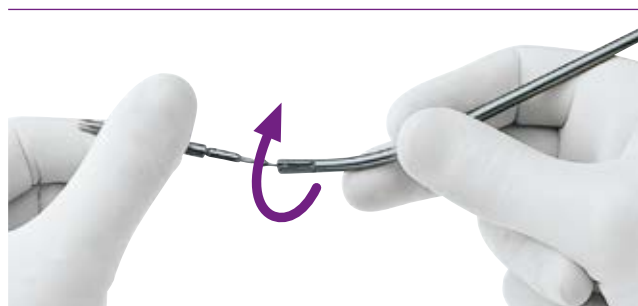
I Pull back the spring mechanism indicated with an arrow as far as it will go. Hold at this position and at the same time pull out the shaft. **Note:** In the case of handle with a lock (PM954R, PM957R), open the ratchet completely.



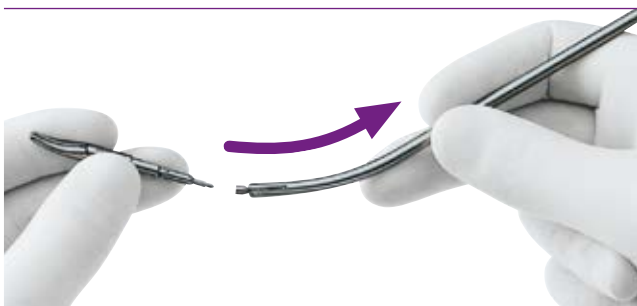
II Pull off the insulated, flexible outer tube from the shaft.



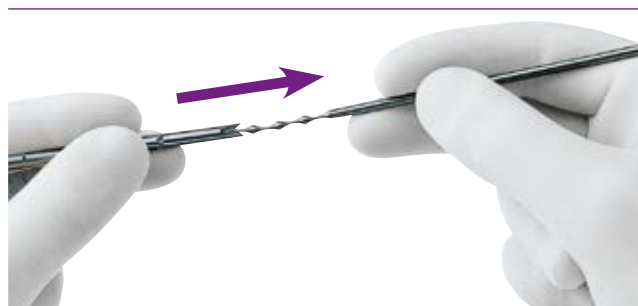
III Push flexible tension rod towards the jaw part (approx. 1 cm).



IV Unscrew the jaw part as indicated by the arrow.



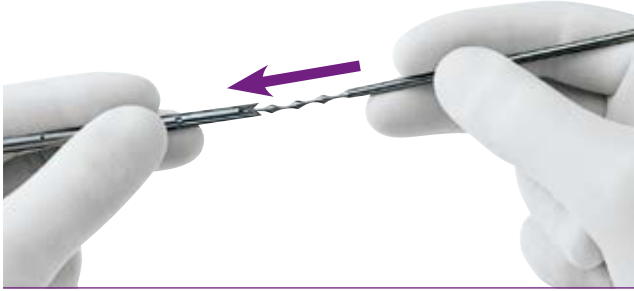
V After unscrewing the jaw part, pull the tension rod backwards.



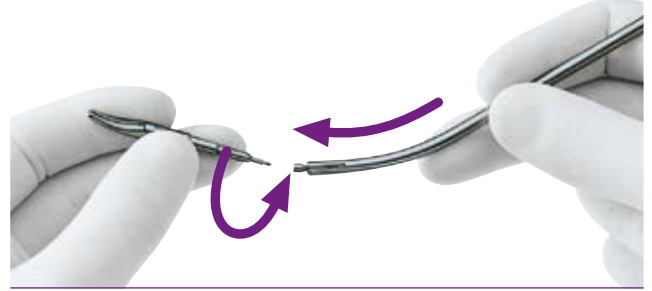
VI Remove the complete tension rod in a backward direction from the inner tube.



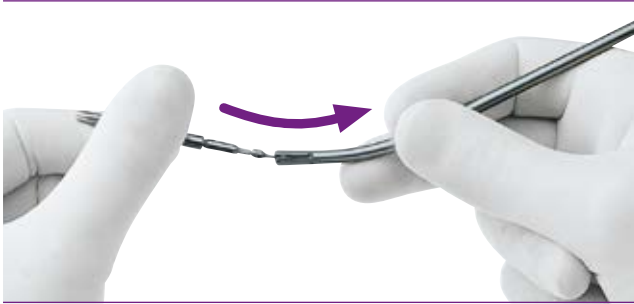
ASSEMBLY



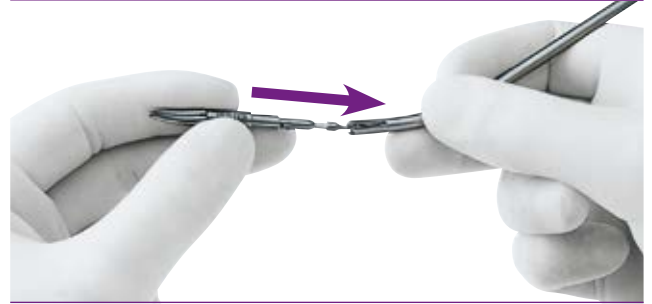
I Push the flexible tension rod into the inner tube.



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



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



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



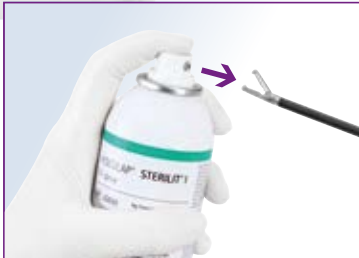
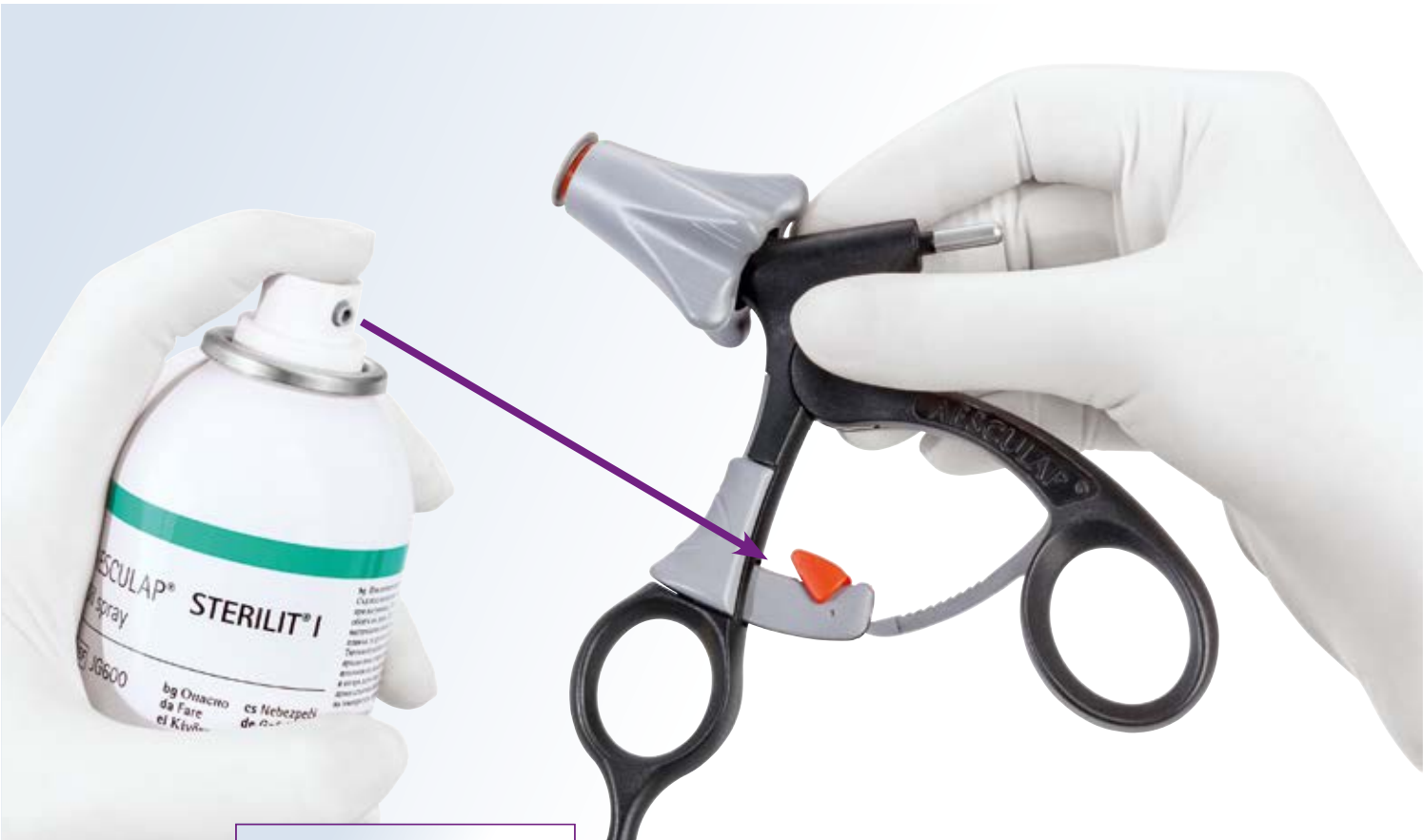
V Push insulated flexible outer tube PM983P onto the inner tube.



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

AdTec® MONOPOLAR

CARE



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



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

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