

# Laparoscopic Instruments

Product Catalog



Aesculap Laparoscopy



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# History

## Blending Old World Craftsmanship with Modern Technology



Aesculap AG World Headquarters in Tuttlingen, Germany



Our founding father:  
Gottfried Jetter

## Aesculap

As the world's largest surgical instrument manufacturer, Aesculap designs and produces surgical instruments, implants and motors for several surgical specialties including: ENT, plastic and reconstructive, thoracic, cardiovascular, orthopedic, gynecologic and general surgery as well as neurosurgery and minimally-invasive surgery.

The company was founded in 1867 by master craftsman Gottfried Jetter in Tuttlingen, Germany. For 150 years, the name Aesculap has been synonymous with quality throughout the world.

Today, modern technology blends with Aesculap Old World tradition to provide healthcare professionals with the widest array of surgical instrumentation available from a single manufacturer.

### Aesculap's success derives from a history of:

- Quality craftsmanship
- Surgeons' designs united with instrument expertise
- Total commitment to customer service
- Intense communication with our customers
- National sales force
- National hands-on workshops, specialized by discipline
- Decades of international training at the *Aesculap Academy* – Tuttlingen, Germany

### Aesculap's product range:

- Endoscopy
- Surgical instruments for all disciplines
- SterilContainer™ systems
- Neuroendoscopy
- Aneurysm clips
- Power systems
- Spinal implants
- Orthopaedics
- Per-procedure programs
- Repair services
- Consulting services

# U.S. Headquarters



Aesculap, Inc.  
3773 Corporate Parkway  
Center Valley, PA 18034  
Phone: 800-258-1946  
Fax: 610-791-6880  
[www.aesculapusa.com](http://www.aesculapusa.com)

## U.S. Headquarters

Our U.S. Headquarters, located in Center Valley, Pennsylvania, was established in 1977 to serve the needs of the U.S. market.

Our primary goal is to exceed the expectations of the medical professionals who depend on our products to deliver healthcare to their patients.

Our Customer Service Professionals are dedicated to serving the needs of all of our valued customers.

## Please call customer service for:

- Placing orders
- Product information
- Pricing
- Custom product information

## Customer Service:

*Phone:* 800-282-9000

*Fax:* 610-791-6886



# Advanced Energy



# Caiman<sup>®</sup> Advanced RF Seal and Cut Technology









## Caiman

- **One seal confidence**  
Vessel sealing with only one energy activation
- **Uniform tissue compression**  
Leads to consistent sealing quality from distal to proximal tip
- **Tip first closure**  
Retains tissues within the jaws for improved compression
- **Long jaw tip**  
Enlarged vessel sealing length and improved surgical efficiency
- **80 degree articulation jaw**  
Allows simplified navigation in challenging anatomy





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

Visit [www.aesculapusa.com](http://www.aesculapusa.com) to learn more about what Caiman can do for your procedures and to see the latest additions to the Caiman family of advanced seal and cut instruments.



# Monopolar Instruments



# AdTec™ Single Use Monopolar Instruments



## AdTec Single Use

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

## AdTec Reposable

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

# AdTec™ Single Use Monopolar Instruments

mini 3.5 mm

Box of 5	Description	Item No.	Diam.	Length
	METZENBAUM Scissors	P0830SU	3.5 mm	29 cm



MARYLAND Dissecting forceps	P0831SU	3.5 mm	29 cm
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Universal grasping forceps, fenestrated	P0833SU	3.5 mm	29 cm
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# AdTec™ Single Use Monopolar Instruments

5 mm

Box of 5	Description	Item No.	Diam.	Length
	METZENBAUM Scissors	P0840SU	5 mm	31 cm



1/1

MARYLAND Dissecting forceps	P0841SU	5 mm	31 cm
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1/1

Pike mouth grasper	P0842SU	5 mm	31 cm
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1/1

Box of 5

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



BABCOCK Grasping forceps	PO844SU	5 mm	31 cm
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# AdTec™ Repposable Monopolar Instruments

## Scissors

Monopolar Instruments

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

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



# Dissecting & Grasping Forceps



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



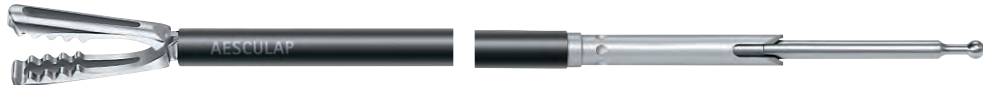
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Pike mouth grasper	PO892SU	5 mm	31 cm
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1/1

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

BABCOCK Grasping forceps	PO894SU	5 mm	31 cm
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1/1

Monopolar Instruments

## Optional Handles - Interchangeable for 5 mm and 10 mm Instruments

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

# AdTec™ Reusable Monopolar Instruments



## Jaw Construction

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

## PEEK Insulation

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



## Modular Design

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

## Cost Effective






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

## Ergonomic Handle


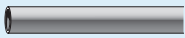









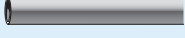



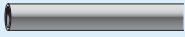

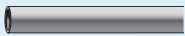





- Innovative design maintains surgeon comfort ^ reduces hand fatigue
- Handle can be grasped in various positions
- Enlarged rotation knob with slip resistant ridges provides excellent control of the instrument
- Available in ratchet and non-ratchet styles

# AdTec™ Reusable Monopolar Instruments

mini 3.5 mm

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




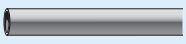




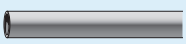

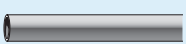


















Individual Components				Optional Handles - Interchangeable for 3.5 mm Instruments
Jaw Insert	Insulated Outer Tube	Standard Handle		
P0340R 	PM986P 	P0380R 	<b>P0380R (Quick-Snap™ Non-Ratchet)</b> 	
P0360R 	PM987P 			
P0341R 	PM986P 	P0380R 	<b>P0381R (Quick-Snap™ Ratchet)</b> 	
P0361R 	PM987P 			
P0342R 	PM986P 	P0380R 		
P0362R 	PM987P 			
P0343R 	PM986P 	P0380R 		
P0363R 	PM987P 			
P0344R 	PM986P 	P0380R 		
P0364R 	PM987P 			

# AdTec™ Reusable Monopolar Instruments

mini 3.5 mm

Complete Instrument				
	Description	Item No.	Diam.	Length
 <p>1/1</p>	DORSEY Intestinal forceps	P0305R	3.5 mm	29 cm
		P0325R	3.5 mm	20 cm
 <p>1/1</p>	Universal grasping forceps, fenestrated	P0306R	3.5 mm	29 cm
		P0326R	3.5 mm	20 cm
 <p>1/1</p>	BABCOCK Grasping forceps, double action	P0307R	3.5 mm	29 cm
		P0327R	3.5 mm	20 cm
 <p>1/1</p>	Biopsy forceps, fenestrated	P0308R	3.5 mm	29 cm
		P0328R	3.5 mm	20 cm
 <p>1/1</p>	Fundus grasper	P0309R	3.5 mm	29 cm
		P0329R	3.5 mm	20 cm



Individual Components			Optional Handles - Interchangeable for 3.5 mm Instruments
Jaw Insert	Insulated Outer Tube	Standard Handle	
PO345R 	PM986P 	PO381R 	<b>PO380R</b> (Quick-Snap™ Non-Ratchet)   <b>PO381R</b> (Quick-Snap™ Ratchet) 
PO365R 	PM987P 		
PO346R 	PM986P 	PO381R 	
PO366R 	PM987P 		
PO347R 	PM986P 	PO381R 	
PO367R 	PM987P 		
PO348R 	PM986P 	PO381R 	
PO368R 	PM987P 		
PO349R 	PM986P 	PO381R 	
PO369R 	PM987P 		




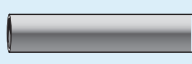



# AdTec™ Reusable Monopolar Instruments

## Scissors

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







Individual Components			Optional Handles - Interchangeable for 5 mm and 10 mm Instruments
Jaw Insert	Insulated Outer Tube	Standard Handle	
P0790R 	PM973R 	P0958R 	P0958R (Quick-Snap™ Non-Ratchet) 
P0791R 	PM973R 	P0958R 	P0959R (Quick-Snap™ Ratchet) 
P0631R 	PM970R 	P0958R 	P0960R (Quick-Snap™ Non-Ratchet) 
P0603R 	PM973R 	P0958R 	P0961R (Quick-Snap™ Ratchet) 
P0746R 	PM981R 	P0958R 	PM950R (Insulated Metal Non-Ratchet) 
PM697R 	PM973R 	PM950R 	PM951R (Insulated Metal Ratchet) 
PM604R 	PM974R 	P0958R 	PM953R (Axial/In-Line)  PM954R (Ratchet)  PM957R (Ratchet with lock) 

# AdTec™ Reusable Monopolar Instruments

## Scissors

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




Individual Components			Optional Handles - Interchangeable for 5 mm and 10 mm Instruments
Jaw Insert	Insulated Outer Tube	Standard Handle	
P0715R 	PM970R 	P0958R 	P0958R (Quick-Snap™ Non-Ratchet) 
P0716R 	PM981R 	P0958R 	P0959R (Quick-Snap™ Ratchet) 
P0738R 	PM970R 	P0958R 	P0960R (Quick-Snap™ Non-Ratchet) 
P0655R 	PM973R 	P0958R 	P0961R (Quick-Snap™ Ratchet) 
P0754R 	PM981R 	P0958R 	PM950R (Insulated Metal Non-Ratchet) 
PM698R 	PM973R 	PM950R 	PM951R (Insulated Metal Ratchet) 
PM710R 	PM973R 	PM950R 	PM953R (Axial/In-Line) 
			PM954R (Ratchet) 
			PM957R (Ratchet with lock) 

# AdTec™ Reusable Monopolar Instruments

## Scissors

					Complete Instrument			
		Description	Item No.	Diam.	Length			
 1/1	Hook scissors	P0001R	5 mm	31 cm				
		P0025R	5 mm	42 cm				
 1/1	Peritoneal scissors, serrated	P0002R	5 mm	31 cm				
 1/1	Peritoneal scissors with hook, serrated	P0006R	5 mm	31 cm				
 1/1	Micro dissecting scissors	Order by Component	5 mm	22 cm				
		P0003R	5 mm	31 cm				
		Order by Component	5 mm	42 cm				
 1/1	POTT'S DEMARTELL Scissors	P0014R	10 mm	31 cm				



Individual Components			Optional Handles - Interchangeable for 5 mm and 10 mm Instruments
Jaw Insert	Insulated Outer Tube	Standard Handle	
P0600R 	PM973R 	P0958R 	P0958R (Quick-Snap™ Non-Ratchet) 
P0744R 	PM981R 	P0958R 	P0959R (Quick-Snap™ Ratchet) 
P0601R 	PM973R 	P0958R 	P0960R (Quick-Snap™ Non-Ratchet) 
P0625R 	PM973R 	P0958R 	P0961R (Quick-Snap™ Ratchet) 
PM630R 	PM970R 	P0958R 	PM950R (Insulated Metal Non-Ratchet) 
P0602R 	PM973R 	P0958R 	PM951R (Insulated Metal Ratchet) 
P0745R 	PM981R 	P0958R 	PM953R (Axial/In-Line) 
P0682R 	PM992R 	P0958R 	PM954R (Ratchet) 
			PM957R (Ratchet with lock) 

# AdTec™ Reusable Monopolar Instruments

## Dissecting Forceps

					Complete Instrument			
		Description	Item No.	Diam.	Length			
 <p>1/1</p>	MARYLAND Dissecting forceps	Order by Component	5 mm	22 cm				
		P0102R	5 mm	31 cm				
		P0202R	5 mm	42 cm				
 <p>1/1</p>	MARYLAND Dissecting forceps, insulated to tip	PM165R	5 mm	31 cm				
 <p>1/1</p>	MARYLAND Dissecting forceps, diamond serration	P0237R	5 mm	31 cm				
		P0238R	5 mm	42 cm				
 <p>1/1</p>	CROCE/OLMI Dissecting forceps, fenestrated	P0195R	5 mm	31 cm				



Individual Components			Optional Handles - Interchangeable for 5 mm and 10 mm Instruments
Jaw Insert	Insulated Outer Tube	Standard Handle	
P0632R 	PM970R 	P0958R 	P0958R (Quick-Snap™ Non-Ratchet) 
P0608R 	PM973R 	P0958R 	P0959R (Quick-Snap™ Ratchet) 
P0752R 	PM981R 	P0958R 	P0960R (Quick-Snap™ Non-Ratchet) 
PM699R 	PM973R 	PM950R 	P0961R (Quick-Snap™ Ratchet) 
P0717R 	PM973R 	P0958R 	PM950R (Insulated Metal Non-Ratchet) 
P0718R 	PM981R 	P0958R 	PM951R (Insulated Metal Ratchet) 
P0740R 	PM973R 	P0958R 	PM953R (Axial/In-Line)  PM954R (Ratchet)  PM957R (Ratchet with lock) 


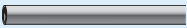






















# AdTec™ Reusable Monopolar Instruments

## Dissecting Forceps

		Complete Instrument			
		Description	Item No.	Diam.	Length
	1/1	Dolphin nose dissecting forceps	<b>P0147R</b>	5 mm	31 cm
	1/1	Atraumatic dissecting forceps, fine tip	<b>P0100R</b>	5 mm	31 cm
	1/1	Dissecting forceps, slim	<b>Order by Component</b>	5 mm	31 cm
	1/1	Dissecting forceps, slim	<b>Order by Component</b>	5 mm	31 cm
	1/1	Right angle, 90° dissecting forceps	<b>P0187R</b>	5 mm	31 cm
	1/1	MIXTER 90° dissecting forceps	<b>P0231R</b>	5 mm	31 cm
	1/1	Duck bill blunt grasper	<b>P0214R</b>	5 mm	37 cm
	1/1	Duck bill dissecting forceps	<b>P0151R</b>	5 mm	31 cm






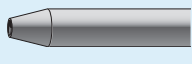



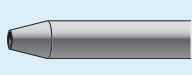



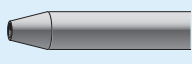



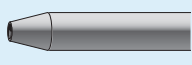



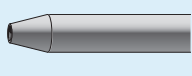



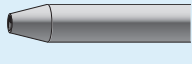



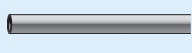



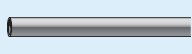



Individual Components				Optional Handles - Interchangeable for 5 mm and 10 mm Instruments
Jaw Insert	Insulated Outer Tube	Standard Handle		
P0678R 	PM973R 	P0958R 		P0958R (Quick-Snap™ Non-Ratchet) 
P0605R 	PM973R 	P0958R 		P0959R (Quick-Snap™ Ratchet) 
PM614R 	PM973R 	P0958R 		P0960R (Quick-Snap™ Non-Ratchet) 
PM647R 	PM973R 	P0958R 		P0961R (Quick-Snap™ Ratchet) 
P0730R 	PM973R 	P0958R 		PM950R (Insulated Metal Non-Ratchet) 
P0784R 	PM973R 	P0958R 		PM951R (Insulated Metal Ratchet) 
P0767R 	PM976R 	P0958R 		PM953R (Axial/In-Line) 
P0667R 	PM973R 	P0958R 		PM954R (Ratchet) 
				PM957R (Ratchet with lock) 

# AdTec™ Reusable Monopolar Instruments

## Dissecting Forceps

		Complete Instrument			
		Description	Item No.	Diam.	Length
	1/1	OVERHOLT 90° dissecting forceps	<b>P0103R</b>	10 mm	31 cm
	1/1	OVERHOLT 90° dissecting forceps, insulated to tip	<b>Order by Component</b>	10 mm	37 cm
	1/1	OVERHOLT 90° dissecting forceps, fine tip	<b>P0219R</b>	10 mm	37 cm
	1/1	OVERHOLT 60° dissecting forceps	<b>P0141R</b>	10 mm	31 cm
	1/1	OVERHOLT 60° dissecting forceps, insulated to tip	<b>Order by Component</b>	10 mm	31 cm
	1/1	OVERHOLT 60° dissecting forceps, fine tip	<b>P0220R</b>	10 mm	37 cm
	1/1	CRILE Dissecting forceps, curved	<b>P0218R</b>	5 mm	31 cm
			<b>P0213R</b>	5 mm	37 cm




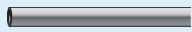



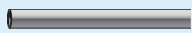







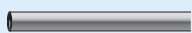













Individual Components			Optional Handles - Interchangeable for 5 mm and 10 mm Instruments
Jaw Insert	Insulated Outer Tube	Standard Handle	
PO606R 	PM975R 	PO958R 	PO958R (Quick-Snap™ Non-Ratchet) 
PM701R 	PM978R 	PM950R 	PO959R (Quick-Snap™ Ratchet) 
P0772R 	PM978R 	PO958R 	PO960R (Quick-Snap™ Non-Ratchet) 
PO661R 	PM975R 	PO958R 	PO961R (Quick-Snap™ Ratchet) 
PM700R 	PM975R 	PM950R 	PM950R (Insulated Metal Non-Ratchet) 
P0773R 	PM978R 	PO958R 	PM951R (Insulated Metal Ratchet) 
P0771R 	PM973R 	PO958R 	PM953R (Axial/In-Line) 
PO766R 	PM976R 	PO958R 	PM954R (Ratchet) 
			PM957R (Ratchet with lock) 

# AdTec™ Reusable Monopolar Instruments

## Grasping Forceps

Complete Instrument				
	Description	Item No.	Diam.	Length
 <p>1/1</p>	Alligator grasping forceps	P0109R	5 mm	31 cm
 <p>1/1</p>	Fixation forceps	P0127R	5 mm	31 cm
 <p>1/1</p>	Atraumatic wave grasper, single action	P0233R	5 mm	31 cm
		P0234R	5 mm	42 cm
 <p>1/1</p>	Atraumatic wave grasper, double action	P0235R	5 mm	31cm
		P0236R	5 mm	42cm



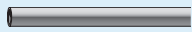




Individual Components			Optional Handles - Interchangeable for 5 mm and 10 mm Instruments
Jaw Insert	Insulated Outer Tube	Standard Handle	
P0615R 	PM973R 	P0959R 	<b>P0958R (Quick-Snap™ Non-Ratchet)</b> 
P0644R 	PM973R 	P0959R 	<b>P0959R (Quick-Snap™ Ratchet)</b> 
P0786R 	PM973R 	P0959R 	<b>P0960R (Quick-Snap™ Non-Ratchet)</b> 
P0787R 	PM981R 	P0959R 	<b>P0961R (Quick-Snap™ Ratchet)</b> 
P0788R 	PM973R 	P0959R 	<b>PM950R (Insulated Metal Non-Ratchet)</b> 
P0789R 	PM981R 	P0959R 	<b>PM951R (Insulated Metal Ratchet)</b> 
			<b>PM953R (Axial/In-Line)</b> 
			<b>PM954R (Ratchet)</b> 
			<b>PM957R (Ratchet with lock)</b> 

# AdTec™ Reusable Monopolar Instruments

## Grasping Forceps

		Complete Instrument		
Description		Item No.	Diam.	Length
 <p>1/1</p>	Fundus grasper	P0221R	5 mm	31 cm
		P0230R	5 mm	42 cm
 <p>1/1</p>	Bowel grasping forceps, fenestrated	P0216R	5 mm	31 cm
		P0217R	5 mm	42 cm
 <p>1/1</p>	Universal grasping forceps, fenestrated	P0128R	5 mm	31 cm
		P0229R	5 mm	42 cm



Individual Components			Optional Handles - Interchangeable for 5 mm and 10 mm Instruments
Jaw Insert	Insulated Outer Tube	Standard Handle	
P0774R 	PM973R 	P0959R 	P0958R (Quick-Snap™ Non-Ratchet) 
P0783R 	PM981R 	P0959R 	P0959R (Quick-Snap™ Ratchet) 
P0769R 	PM973R 	P0958R 	P0960R (Quick-Snap™ Non-Ratchet) 
P0770R 	PM981R 	P0958R 	P0961R (Quick-Snap™ Ratchet) 
P0647R 	PM973R 	P0959R 	PM950R (Insulated Metal Non-Ratchet) 
P0782R 	PM981R 	P0959R 	PM951R (Insulated Metal Ratchet) 
			PM953R (Axial/In-Line) 
			PM954R (Ratchet) 
			PM957R (Ratchet with lock) 





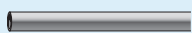








# AdTec™ Reusable Monopolar Instruments

## Grasping Forceps

					Complete Instrument			
					Description	Item No.	Diam.	Length
	1/1				Universal grasper, fenestrated	<b>P0191R</b>	5 mm	31 cm
	1/1				CROCE/OLMI Atraumatic forceps	<b>P0185R</b>	5 mm	31 cm
	1/1				CROCE/OLMI Atraumatic forceps, fenestrated	<b>P0232R</b>	5 mm	31 cm
	1/1				Short grasper, fenestrated	<b>P0222R</b>	5 mm	31 cm
						<b>P0223R</b>	5 mm	42 cm
	1/1				DORSEY Intestinal forceps	<b>P0112R</b>	5 mm	31 cm
						<b>Order by Component</b>	5 mm	37 cm
						<b>P0204R</b>	5 mm	42 cm









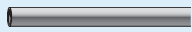



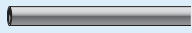



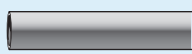



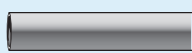















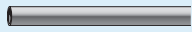



Individual Components			Optional Handles - Interchangeable for 5 mm and 10 mm Instruments
Jaw Insert	Insulated Outer Tube	Standard Handle	
P0736R 	PM973R 	P0959R 	P0958R (Quick-Snap™ Non-Ratchet) 
P0728R 	PM973R 	P0959R 	P0959R (Quick-Snap™ Ratchet) 
P0785R 	PM973R 	P0959R 	P0960R (Quick-Snap™ Non-Ratchet) 
P0775R 	PM973R 	P0959R 	P0961R (Quick-Snap™ Ratchet) 
P0776R 	PM981R 	P0959R 	PM950R (Insulated Metal Non-Ratchet) 
P0618R 	PM973R 	P0959R 	PM951R (Insulated Metal Ratchet) 
PM618R 	PM976R 	P0959R 	PM953R (Axial/In-Line) 
P0755R 	PM981R 	P0959R 	PM954R (Ratchet) 
			PM957R (Ratchet with lock) 

# AdTec™ Reusable Monopolar Instruments

## Grasping Forceps





		Complete Instrument			
		Description	Item No.	Diam.	Length
 1/1	Pike mouth grasper	<b>Order by Component</b>	5 mm	22 cm	
		<b>P0107R</b>	5 mm	31 cm	
 1/1	Pike mouth grasper	<b>Order by Component</b>	10 mm	31 cm	
 1/1	Claw grasper, 2 x 3 teeth	<b>P0117R</b>	10 mm	31 cm	
 1/1	Grasping forceps, 2 x 4 teeth	<b>P0132R</b>	5 mm	31 cm	
		<b>P0201R</b>	5 mm	42 cm	
 1/1	Grasping forceps, 1 x 2 teeth	<b>Order by Component</b>	5 mm	31 cm	
 1/1	Grasping forceps, fine teeth	<b>P0134R</b>	5 mm	31 cm	



Individual Components			Optional Handles - Interchangeable for 5 mm and 10 mm Instruments
Jaw Insert	Insulated Outer Tube	Standard Handle	
<p>P0634R</p> 	<p>PM970R</p> 	<p>P0959R</p> 	<p>P0958R (Quick-Snap™ Non-Ratchet)</p> 
<p>P0613R</p> 	<p>PM973R</p> 	<p>P0959R</p> 	<p>P0959R (Quick-Snap™ Ratchet)</p> 
<p>PM621R</p> 	<p>PM974R</p> 	<p>P0959R</p> 	<p>P0960R (Quick-Snap™ Non-Ratchet)</p> 
<p>P0623R</p> 	<p>PM974R</p> 	<p>P0959R</p> 	<p>P0961R (Quick-Snap™ Ratchet)</p> 
<p>P0648R</p> 	<p>PM973R</p> 	<p>P0959R</p> 	<p>PM950R (Insulated Metal Non-Ratchet)</p> 
<p>P0749R</p> 	<p>PM981R</p> 	<p>P0959R</p> 	<p>PM951R (Insulated Metal Ratchet)</p> 
<p>PM649R</p> 	<p>PM973R</p> 	<p>P0959R</p> 	<p>PM953R (Axial/In-Line)</p> 
<p>P0650R</p> 	<p>PM973R</p> 	<p>P0959R</p> 	<p>PM954R (Ratchet)</p> 
			<p>PM957R (Ratchet with lock)</p> 

# AdTec™ Reusable Monopolar Instruments

## Grasping Forceps

		Complete Instrument			
		Description	Item No.	Diam.	Length
	1/1	BABCOCK Grasping forceps, single action	P0113R	5 mm	31 cm
	1/1	BABCOCK Grasping forceps, single action For use with flexible 13 mm trocars	<b>Order by Component</b>	5 mm	31 cm
	1/1	BABCOCK Grasping forceps, single action	P0114R	10 mm	31 cm
			P0205R	10 mm	42 cm
	1/1	BABCOCK Grasping forceps, double action	P0212R	5 mm	31 cm
			P0209R	5 mm	42 cm
	1/1	BABCOCK Grasping forceps, double action	P0196R	10 mm	37 cm
	1/1	MEYER Grasping forceps, jaw length 90 mm	P0197R	10 mm	37 cm




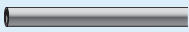



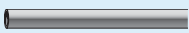







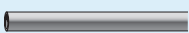



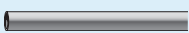


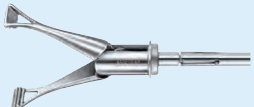




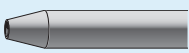



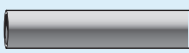



Individual Components			Optional Handles - Interchangeable for 5 mm and 10 mm Instruments
Jaw Insert	Insulated Outer Tube	Standard Handle	
P0619R 	PM973R 	P0959R 	P0958R (Quick-Snap™ Non-Ratchet) 
PM640R 	PM973R 	P0959R 	P0959R (Quick-Snap™ Ratchet) 
P0620R 	PM974R 	P0959R 	P0960R (Quick-Snap™ Non-Ratchet) 
P0757R 	PM982R 	P0959R 	P0961R (Quick-Snap™ Ratchet) 
P0765R 	PM973R 	P0959R 	PM950R (Insulated Metal Non-Ratchet) 
P0762R 	PM981R 	P0959R 	PM951R (Insulated Metal Ratchet) 
P0741R 	PM977R 	P0959R 	PM953R (Axial/In-Line) 
P0742R 	PM977R 	P0959R 	PM954R (Ratchet) 
			PM957R (Ratchet with lock) 

# AdTec™ Reusable Monopolar Instruments

## Grasping Forceps

		Complete Instrument			
		Description	Item No.	Diam.	Length
	1/1	ALLIS Atraumatic grasping forceps	P0104R	5 mm	31 cm
	1/1	ALLIS Atraumatic grasping forceps For use with flexible 13 mm trocars	Order by Component	5 mm	31 cm
	1/1	LINDER Lung grasping forceps For use with flexible 13 mm trocars	Order by Component	5 mm	22 cm
			Order by Component	5 mm	31 cm
	1/1	DUVAL Atraumatic parenchyma fixation forceps	Order by Component	5 mm	31 cm
	1/1	DUVAL Atraumatic parenchyma fixation forceps	Order by Component	10 mm	37 cm
	1/1	KIEFER Atraumatic universal forceps, fenestrated	P0188R	10 mm	31 cm
	1/1	GLASSMAN Clamping forceps, jaw length 60 mm	P0215R	10 mm	31 cm



Individual Components			Optional Handles - Interchangeable for 5 mm and 10 mm Instruments
Jaw Insert	Insulated Outer Tube	Standard Handle	
PO610R 	PM973R 	P0958R 	P0958R (Quick-Snap™ Non-Ratchet) 
PM670R 	PM973R 	P0959R 	P0959R (Quick-Snap™ Ratchet) 
PM696R 	PM970R 	P0958R 	P0960R (Quick-Snap™ Non-Ratchet) 
PM687R 	PM973R 	P0958R 	P0961R (Quick-Snap™ Ratchet) 
PM609R 	PM973R 	P0959R 	PM950R (Insulated Metal Non-Ratchet) 
PM612R 	PM977R 	P0959R 	PM951R (Insulated Metal Ratchet) 
P0731R 	PM975R 	P0959R 	PM953R (Axial/In-Line) 
P0768R 	PM974R 	P0959R 	PM954R (Ratchet) 
			PM957R (Ratchet with lock) 

# AdTec™ Reusable Monopolar Instruments

## Grasping Forceps

Complete Instrument				
	Description	Item No.	Diam.	Length
 1/1	CROCE/OLMI Fixation forceps	<b>P0186R</b>	5 mm	31 cm
 1/1	HEYWOOD-SMITH Tissue grasping forceps	<b>P0105R</b>	10 mm	31 cm
 1/1	PENNINGTON Tissue grasping forceps	<b>Order by Component</b>	10 mm	37 cm
 1/1	Curved grasper	<b>P0211R</b>	5 mm	31 cm
		<b>P0208R</b>	5 mm	42 cm
 1/1	Fixation forceps, fenestrated, fine serration	<b>P0149R</b>	5 mm	31 cm
 1/1	Fixation forceps, fenestrated, medium size serration	<b>P0206R</b>	5 mm	31 cm
 1/1	Atraumatic grasping forceps, fenestrated	<b>P0130R</b>	5 mm	31 cm





Individual Components			Optional Handles - Interchangeable for 5 mm and 10 mm Instruments
Jaw Insert	Insulated Outer Tube	Standard Handle	
P0729R 	PM973R 	P0959R 	P0958R (Quick-Snap™ Non-Ratchet) 
P0611R 	PM975R 	P0959R 	P0959R (Quick-Snap™ Ratchet) 
PM679R 	PM977R 	P0959R 	P0960R (Quick-Snap™ Non-Ratchet) 
P0764R 	PM973R 	P0958R 	P0961R (Quick-Snap™ Ratchet) 
P0761R 	PM981R 	P0958R 	PM950R (Insulated Metal Non-Ratchet) 
P0680R 	PM973R 	P0958R 	PM951R (Insulated Metal Ratchet) 
P0758R 	PM973R 	P0958R 	PM953R (Axial/In-Line) 
P0646R 	PM973R 	P0958R 	PM954R (Ratchet) 
			PM957R (Ratchet with lock) 

# AdTec™ Reusable Monopolar Instruments

## Grasping Forceps

					Complete Instrument				
					Description	Item No.	Diam.	Length	
 <p>1/1</p>					Atraumatic fixation forceps	Order by Component	5 mm	22 cm	
						P0101R	5 mm	31 cm	
						P0199R	5 mm	42 cm	
 <p>1/1</p>					Bullet nose grasper	P0190R	5 mm	31 cm	
						P0203R	5 mm	42 cm	




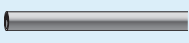







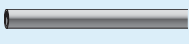



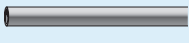







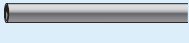



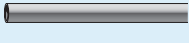




Individual Components			Optional Handles - Interchangeable for 5 mm and 10 mm Instruments
Jaw Insert	Insulated Outer Tube	Standard Handle	
<p>P0633R</p> 	<p>PM970R</p> 	<p>P0958R</p> 	<p><b>P0958R</b> (Quick-Snap™ Non-Ratchet)</p> 
<p>P0607R</p> 	<p>PM973R</p> 	<p>P0958R</p> 	<p><b>P0959R</b> (Quick-Snap™ Ratchet)</p> 
<p>P0747R</p> 	<p>PM981R</p> 	<p>P0958R</p> 	<p><b>P0960R</b> (Quick-Snap™ Non-Ratchet)</p> 
<p>P0735R</p> 	<p>PM973R</p> 	<p>P0958R</p> 	<p><b>P0961R</b> (Quick-Snap™ Ratchet)</p> 
<p>P0753R</p> 	<p>PM981R</p> 	<p>P0958R</p> 	<p><b>PM950R</b> (Insulated Metal Non-Ratchet)</p> 
			<p><b>PM951R</b> (Insulated Metal Ratchet)</p> 
			<p><b>PM953R</b> (Axial/In-Line)</p> 
			<p><b>PM954R</b> (Ratchet)</p> 
			<p><b>PM957R</b> (Ratchet with lock)</p> 

# AdTec™ Reusable Monopolar Instruments

## Grasping Forceps


					Complete Instrument			
					Description	Item No.	Diam.	Length
 <p>1/1</p>	Tube fixation forceps	P0129R	5 mm	31 cm				
		P0200R	5 mm	42 cm				
 <p>1/1</p>	Oval grasper	P0210R	5 mm	31 cm				
		P0207R	5 mm	42 cm				
 <p>1/1</p>	Fixation forceps	<b>Order by Component</b>	10 mm	31 cm				
 <p>1/1</p>	MASSOUND Delicate forceps For use with flexible 13 mm trocars	P0189R	5 mm	31 cm				
 <p>1/1</p>	ALLIS Grasping forceps	P0111R	5 mm	31 cm				



Individual Components			Optional Handles - Interchangeable for 5 mm and 10 mm Instruments
Jaw Insert	Insulated Outer Tube	Standard Handle	
P0645R 	PM973R 	P0958R 	P0958R (Quick-Snap™ Non-Ratchet) 
P0748R 	PM981R 	P0958R 	P0959R (Quick-Snap™ Ratchet) 
P0763R 	PM973R 	P0958R 	P0960R (Quick-Snap™ Non-Ratchet) 
P0760R 	PM981R 	P0958R 	P0961R (Quick-Snap™ Ratchet) 
PM681R 	PM974R 	P0959R 	PM950R (Insulated Metal Non-Ratchet) 
P0734R 	PM973R 	P0958R 	PM951R (Insulated Metal Ratchet) 
P0617R 	PM973R 	P0959R 	PM953R (Axial/In-Line)  PM954R (Ratchet)  PM957R (Ratchet with lock) 

# AdTec™ Reusable Monopolar Instruments

## Grasping Forceps

		Complete Instrument			
		Description	Item No.	Diam.	Length
	1/1	Tenaculum forceps	<b>P0224R</b>	5 mm	31 cm
	1/1	Tenaculum forceps	<b>P0225R</b>	10 mm	31 cm
	1/1	Lymph node grasping forceps	<b>P0194R</b>	5 mm	22 cm
	1/1	Lymph node fixation forceps	<b>Order by Component</b>	10 mm	31 cm



Individual Components			Optional Handles - Interchangeable for 5 mm and 10 mm Instruments
Jaw Insert	Insulated Outer Tube	Standard Handle	
<p>P0777R</p>	<p>PM973R</p>	<p>P0959R</p>	<p>P0958R (Quick-Snap™ Non-Ratchet)</p> <p>P0959R (Quick-Snap™ Ratchet)</p> <p>P0960R (Quick-Snap™ Non-Ratchet)</p> <p>P0961R (Quick-Snap™ Ratchet)</p> <p>PM950R (Insulated Metal Non-Ratchet)</p> <p>PM951R (Insulated Metal Ratchet)</p> <p>PM953R (Axial/In-Line)</p> <p>PM954R (Ratchet)</p> <p>PM957R (Ratchet with lock)</p>
<p>P0778R</p>	<p>PM974R</p>	<p>P0959R</p>	
<p>P0739R</p>	<p>PM970R</p>	<p>P0959R</p>	
<p>PM688R</p>	<p>PM974R</p>	<p>P0959R</p>	


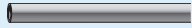















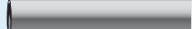



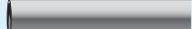





# AdTec™ Reusable Monopolar Instruments

## Grasping Forceps

					Complete Instrument			
					Description	Item No.	Diam.	Length
 1/1	DE BAKEY Atraumatic forceps, jaw length 40 mm				<b>Order by Component</b>	5 mm	31 cm	
	 1/1	DE BAKEY Atraumatic forceps, jaw length 50 mm				<b>P0137R</b>	5 mm	42 cm
		DE BAKEY Atraumatic forceps, jaw length 65 mm				<b>Order by Component</b>	5 mm	31 cm
	 1/1	DE BAKEY Atraumatic forceps, jaw length 30 mm				<b>Order by Component</b>	10 mm	37 cm
		DE BAKEY Atraumatic forceps, jaw length 50 mm				<b>Order by Component</b>	10 mm	22 cm
 1/1					<b>P0118R</b>	10 mm	37 cm	








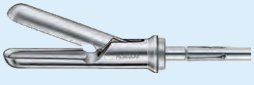







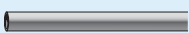





Individual Components			Optional Handles - Interchangeable for 5 mm and 10 mm Instruments
Jaw Insert	Insulated Outer Tube	Standard Handle	
PM657R 	PM973R 	P0959R 	<b>P0958R (Quick-Snap™ Non-Ratchet)</b> 
P0657R 	PM981R 	P0959R 	<b>P0959R (Quick-Snap™ Ratchet)</b> 
PM658R 	PM973R 	P0959R 	<b>P0960R (Quick-Snap™ Non-Ratchet)</b> 
PM651R 	PM977R 	P0959R 	<b>P0961R (Quick-Snap™ Ratchet)</b> 
PM712R 	PM992R 	PM959R 	<b>PM950R (Insulated Metal Non-Ratchet)</b> 
P0624R 	PM977R 	P0959R 	<b>PM951R (Insulated Metal Ratchet)</b> 
			<b>PM953R (Axial/In-Line)</b> 
			<b>PM954R (Ratchet)</b> 
			<b>PM957R (Ratchet with lock)</b> 

# AdTec™ Reusable Monopolar Instruments

## Biopsy Forceps

					Complete Instrument			
					Description	Item No.	Diam.	Length
 <p>1/1</p>	 <p>1/1</p>	 <p>1/1</p>	Large biopsy forceps	<b>P0500R</b>	10 mm	31 cm		
			Biopsy forceps, fenestrated	<b>P0501R</b>	5 mm	31 cm		
				<b>P0509R</b>	5 mm	42 cm		
				<b>P0505R</b>	5 mm	31 cm		
				<b>P0511R</b>	5 mm	42 cm		



Individual Components			Optional Handles - Interchangeable for 5 mm and 10 mm Instruments
Jaw Insert	Insulated Outer Tube	Standard Handle	
<p>P0705R</p> 	<p>PM974R</p> 	<p>P0958R</p> 	<p><b>P0958R</b> (Quick-Snap™ Non-Ratchet)</p> 
<p>P0626R</p> 	<p>PM973R</p> 	<p>P0958R</p> 	<p><b>P0959R</b> (Quick-Snap™ Ratchet)</p> 
<p>P0750R</p> 	<p>PM981R</p> 	<p>P0958R</p> 	<p><b>P0960R</b> (Quick-Snap™ Non-Ratchet)</p> 
<p>P0652R</p> 	<p>PM973R</p> 	<p>P0958R</p> 	<p><b>P0961R</b> (Quick-Snap™ Ratchet)</p> 
<p>P0756R</p> 	<p>PM981R</p> 	<p>P0958R</p> 	<p><b>PM950R</b> (Insulated Metal Non-Ratchet)</p> 
			<p><b>PM951R</b> (Insulated Metal Ratchet)</p> 
			<p><b>PM953R</b> (Axial/In-Line)</p> 
			<p><b>PM954R</b> (Ratchet)</p> 
			<p><b>PM957R</b> (Ratchet with lock)</p> 

# AdTec™ Reusable Monopolar Instruments

## Biopsy Forceps




















Complete Instrument				
Description	Item No.	Diam.	Length	
 <p>1/1</p>	Order by Component	5 mm	22 cm	
	P0502R	5 mm	31 cm	
	P0512R	5 mm	42 cm	
 <p>1/1</p>	Order by Component	5 mm	31 cm	
	P0510R	5 mm	42 cm	








Individual Components			Optional Handles - Interchangeable for 5 mm and 10 mm Instruments
Jaw Insert	Insulated Outer Tube	Standard Handle	
PM635R 	PM970R 	P0958R 	<b>P0958R (Quick-Snap™ Non-Ratchet)</b> 
P0627R 	PM973R 	P0958R 	<b>P0959R (Quick-Snap™ Ratchet)</b> 
P0759R 	PM981R 	P0958R 	<b>P0960R (Quick-Snap™ Non-Ratchet)</b> 
PM653R 	PM973R 	P0958R 	<b>P0961R (Quick-Snap™ Ratchet)</b> 
P0751R 	PM981R 	P0958R 	<b>PM950R (Insulated Metal Non-Ratchet)</b> 
			<b>PM951R (Insulated Metal Ratchet)</b> 
			<b>PM953R (Axial/In-Line)</b> 
			<b>PM954R (Ratchet)</b> 
			<b>PM957R (Ratchet with lock)</b> 

# AdTec™ Reusable Monopolar Instruments

## Spare Parts

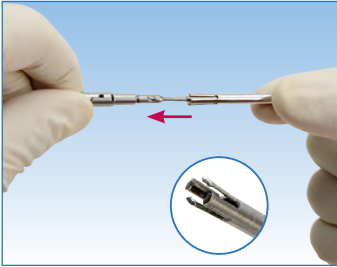
3.5 mm Instruments		Item No.	Diam.	Length
		PO362810	3.5 mm	20 cm
		PO342810	3.5 mm	29 cm
		PM987P	3.5/3.5 mm	20 cm
		PM986P	3.5/3.5 mm	29 cm
5 mm and 10 mm Instruments		Item No.	Diam.	Length
		PM630201	-	22 cm
		PM600201	-	31 cm
		PM618201	-	37 cm
		PM434201	-	42 cm
		PM970R	5/5 mm	22 cm
		PM971R	5/10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

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

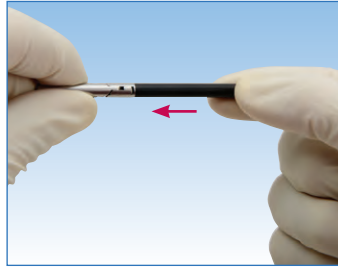
# AdTec™ Reusable Monopolar Instruments

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

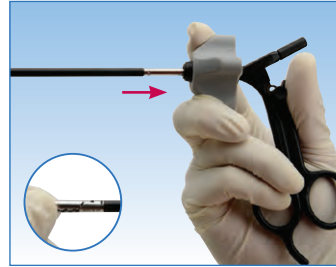
### Assembly



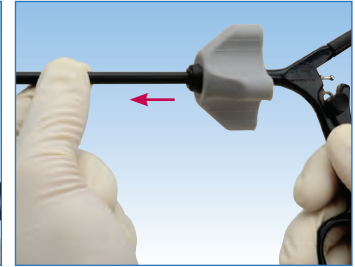
**STEP 1**  
Slide the inner metal tube onto the jaw insert with its four spring tongues towards the working end until the tongues snap into place.



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



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



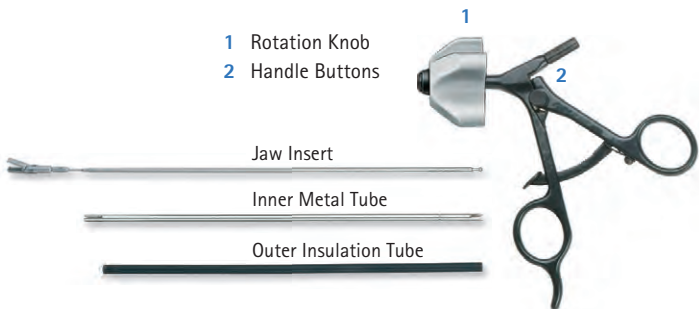
**STEP 4**  
Test that the instrument is secured in the handle by pulling on the shaft. If the shaft pulls out of the handle, then repeat step 3 and step 4.



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



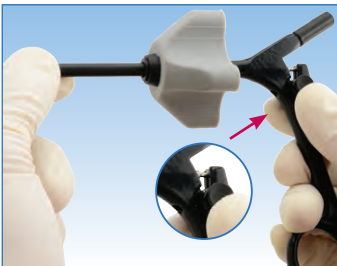
**STEP 6**  
Test the assembly of the instrument by opening and closing the handle to ensure the jaw is opening and closing with handle movement.



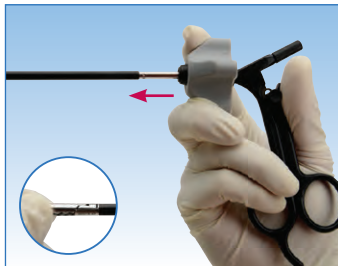
### Maintenance:

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

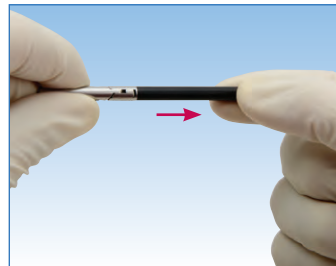
### Disassembly



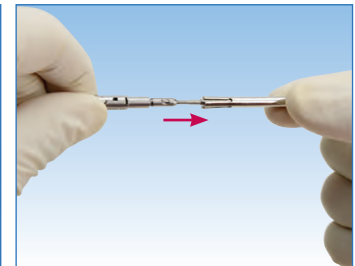
**STEP 1**  
Depress the black handle buttons on both sides of handle, continue to depress, pull rear ring down to release ball of jaw insert. Release the buttons.



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



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

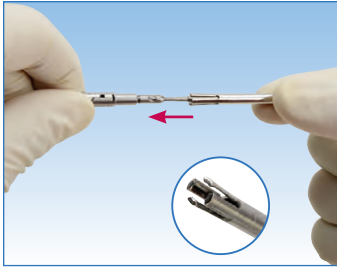


**STEP 4**  
Hold the jaw insert at the tip and remove the inner metal tube.

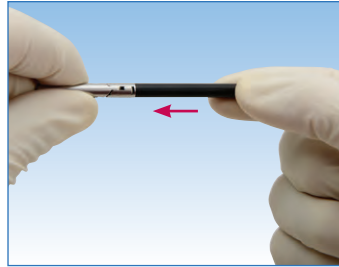


## Instructions for quick and easy assembly and disassembly For use with QUICK-SNAP™ P0958R and P0959R handles

### Assembly



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



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



**STEP 3**  
If the red ring is not visible, pull the rotation knob back. If you are using the ratchet style handle, deactivate the ratchet by flipping down the red toggle switch.



**STEP 4**  
Hold the shaft firmly by its tip and the handle behind the rotation knob. Push the shaft into the handle until it locks in place and the red ring disappears. Note: Do not hold onto the movable handle component.

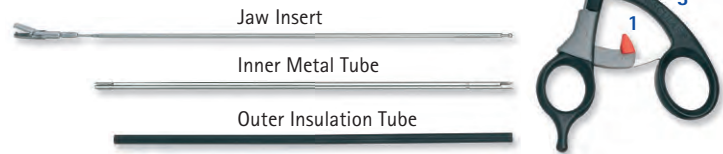


**STEP 5**  
Test the assembly of the instrument by opening and closing the handle to ensure the jaw is opening and closing with handle movement.

#### Maintenance:

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

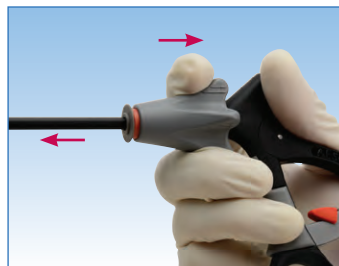
- 1 Toggle Switch
- 2 Rotation Knob
- 3 Movable Handle Component



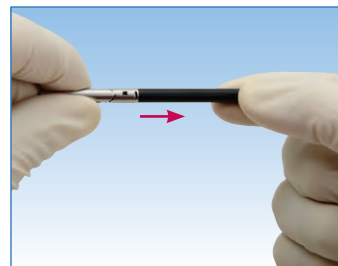
### Disassembly



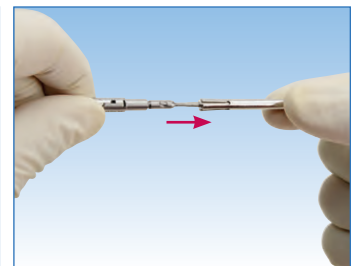
**STEP 1**  
If ratchet style handle, deactivate the ratchet by flipping down the red toggle switch.



**STEP 2**  
Pull the rotation knob back until it locks into place. A red ring will become visible. Once visible remove the shaft by pulling the instrument shaft out of the handle.



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

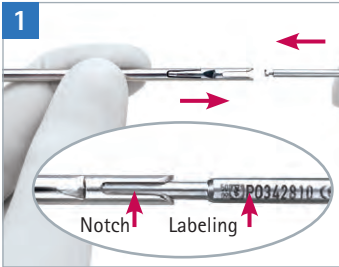


**STEP 4**  
Hold the jaw insert at the tip and remove the inner metal tube.

# AdTec™ mini Reusable Monopolar Instruments

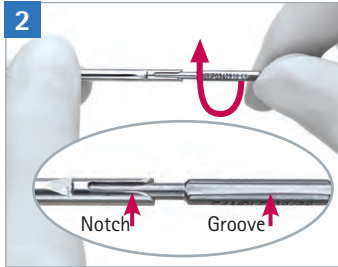
Instructions for quick and easy assembly and disassembly  
For use with QUICK-SNAP™ PO380R and PO381R handles

## Assembly



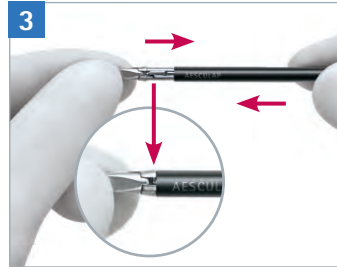
### Assemble shaft

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



### Assemble shaft

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



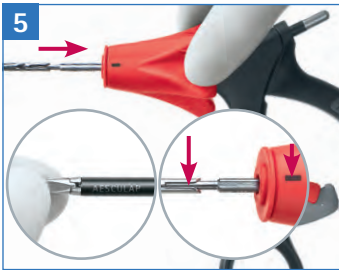
### Assemble shaft

Slide the outer tube as far as it will go over the jaw insert.



### Deactivate ratchet on ratchet handle

Flip down the red toggle switch.



### Connect shaft and handle

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

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



### Function test

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

## Disassembly



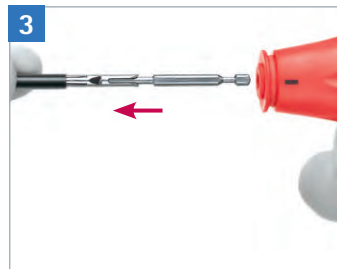
### Deactivate ratchet on ratchet handle

Flip down red toggle switch.



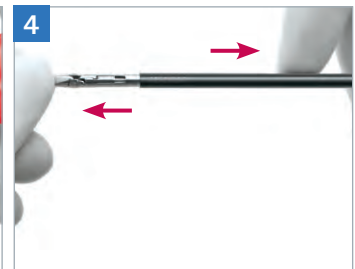
### Disconnect shaft and handle

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



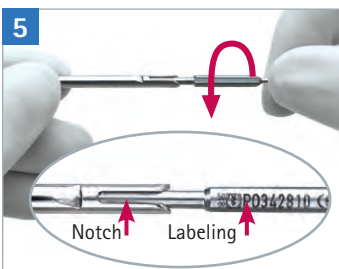
### Remove shaft from handle

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



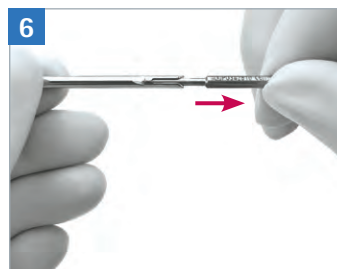
### Disassemble shaft

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



### Disassemble shaft

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



### Disassemble shaft





Remove the push rod.



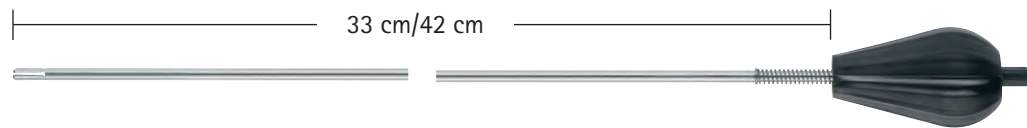
# Monopolar Electrodes

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

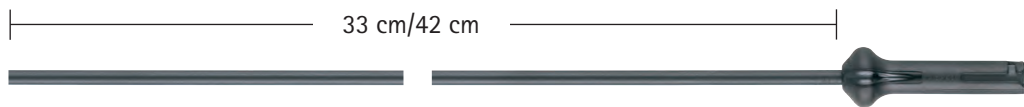


	J Hook electrode tip	GK383R		
	L Hook electrode tip	GK384R		
	Ball electrode tip	GK385R		
	Spatula electrode tip	GK386R		

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



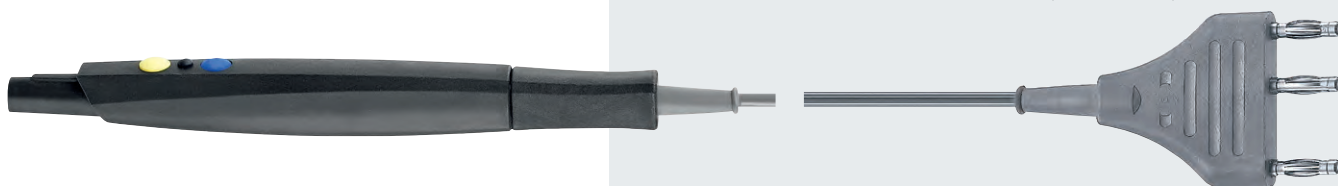
	Separate outer tube	GK370P	5 mm	33 cm
		GK376P	5 mm	42 cm



Monopolar Electrode	Description	Item No.	Diam.	Length
	L-Hook electrode for use with electrode handle GN230	<b>GK397R</b>	3.5 mm	20 cm
		<b>GK398R</b>	3.5 mm	29 cm



Electrode handle for use with electrodes GK397R/GK398R and Aesculap, Berchtold, Conmed, Martin and Valleylab generators	<b>GN230</b>
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# AdTec™ Single Use Bipolar Instruments






## Bipolar Single Use Instruments


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

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

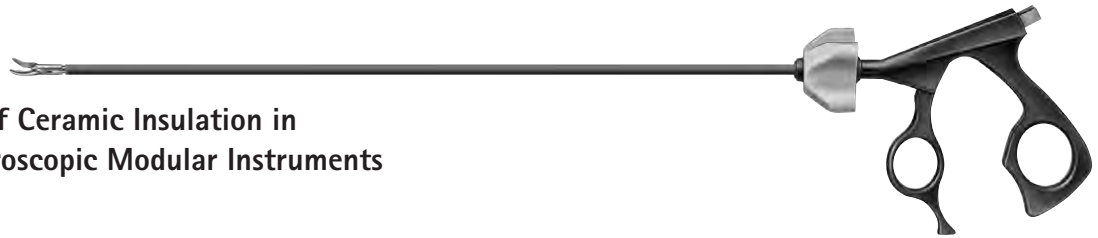


Forceps (box of 6)	Description	Item No.	Diam.	Length
 1/1	MARYLAND Dissection forceps, fenestrated	PL701	5 mm	31 cm
 1/1	MARYLAND Dissection forceps	PL702SU	5 mm	31 cm
 1/1	Macro grasping forceps	PL703SU	5 mm	31 cm









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



# AdTec™ Reusable Bipolar Instruments








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

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

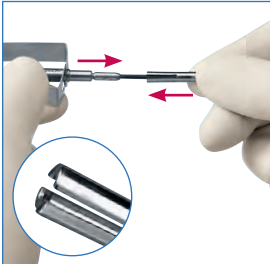


Bipolar Cables	Description	Item No.
	Disposable bipolar cable for Bovie, Conmed, Valleylab, Box of 10, 12 ft.	US349SP
	Reusable bipolar cable for Bovie, Conmed, Valleylab, 12 ft.	US359

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

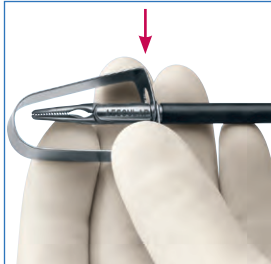
# AdTec™ Reusable Bipolar Instruments

## Assembly



### 1. Assemble Shaft I

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



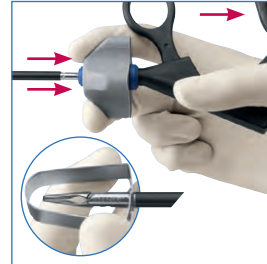
### 2. Assemble Shaft II

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



### 3. Prepare Handle

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



### 4. Connect Shaft and Handle

Pull the rotation knob back and hold it. Hold the shaft firmly by its protecting cap and push it into the handle. Release the rotation knob, which moves forward.

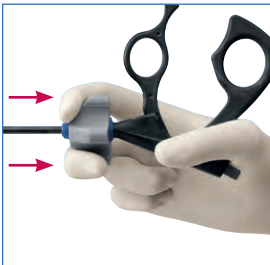
**Important:** Do not hold on to the movable handle component.



### 5. Function Test

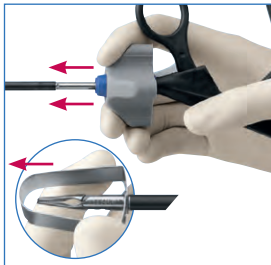
Test the assembly of the instrument by opening and closing the handle to ensure the jaw is opening and closing.

## Disassembly



### 1. Disconnect Shaft and Handle

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



### 2. Remove Shaft from Handle

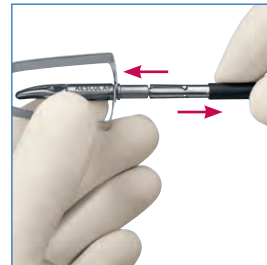
Hold the jaw insert firmly by its protecting cap and pull it out of the handle.

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



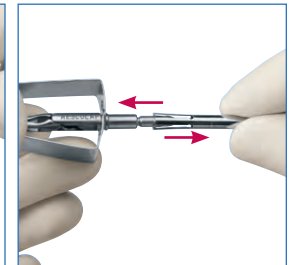
### 3. Disassemble Handle

Pull the grey rotation knob forwards off the handle.



### 4. Disassemble Shaft I

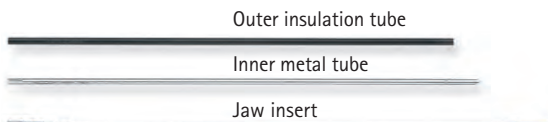
Hold the jaw insert at the protecting cap and remove the outer insulation tube.



### 5. Disassemble Shaft II

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

## Care



- 1 Protecting cap
- 2 Rotation knob
- 3 Movable handle component

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

### Reprocessing & Accessories

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

### Repairs





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

# Specialty Instruments



# Slide Lock Graspers

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

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










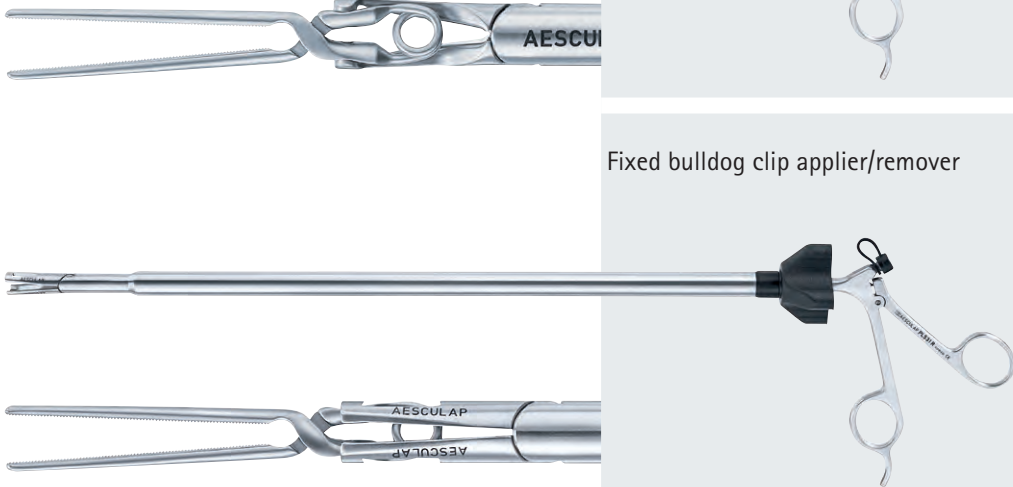
Sovereign® Graspers



Prestige™ Graspers

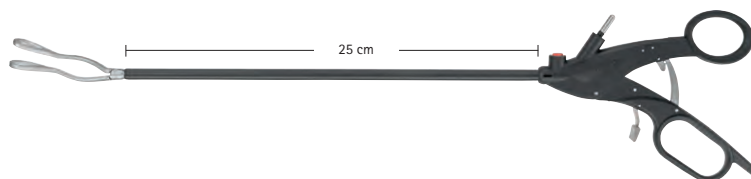
# Bulldog Clips

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

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

# VATS Instruments

## Video-Assisted Thoracoscopic Surgery










### Standard Instrument - Complete

	Description	Item No.	Diameter	Length
 1/1	<b>FOERSTER LUNG GRASPER</b> 15 mm oval ring jaws, 15° angled, 63 mm jaw length, double action	FC810R	7 mm	25 cm
 1/1	<b>TISSUE GRASPING FORCEPS</b> 30° angled, 65 mm jaw length, single action	FC811R	7 mm	25 cm
 1/1	<b>MARYLAND DISSECTING FORCEPS</b> curved, 21 mm jaw length, double action	FC812R	7 mm	25 cm
 1/1	<b>DISSECTING FORCEPS</b> straight, 25 mm jaw length, double action	FC813R	7 mm	25 cm



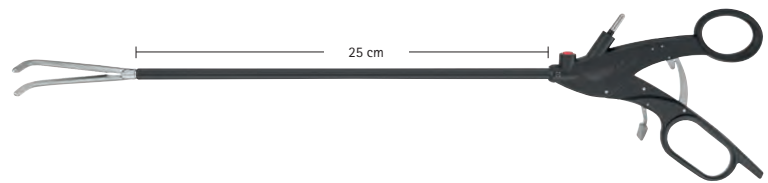
## Single Components

Jaw Insert	Insulated Outer Tube	Handle
 <p style="text-align: right;">1/2</p> <p><b>FC860R</b></p>		
 <p style="text-align: right;">1/2</p> <p><b>FC861R</b></p>		 <p>without ratchet</p> <p><b>FC800R</b></p>
 <p style="text-align: right;">1/2</p> <p><b>FC862R</b></p>	 <p><b>FC808P</b></p>	 <p>with ratchet, disengageable</p> <p><b>FC801R</b></p>
 <p style="text-align: right;">1/2</p> <p><b>FC863R</b></p>		

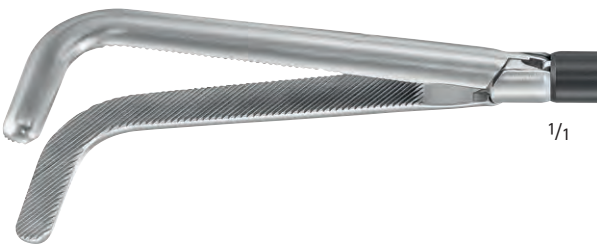





# VATS Instruments

## Video-Assisted Thoracoscopic Surgery



### Standard Instrument - Complete








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

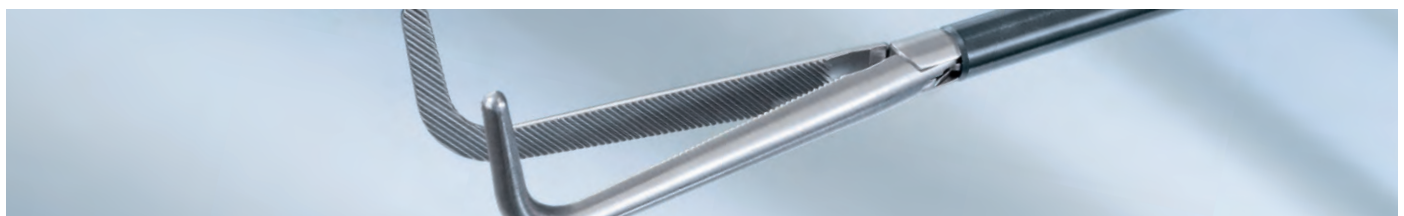
Specialty Instruments





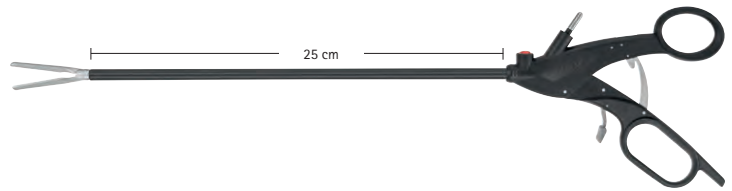
## Single Components

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



# VATS Instruments

## Video-Assisted Thoracoscopic Surgery










### Standard Instrument - Complete

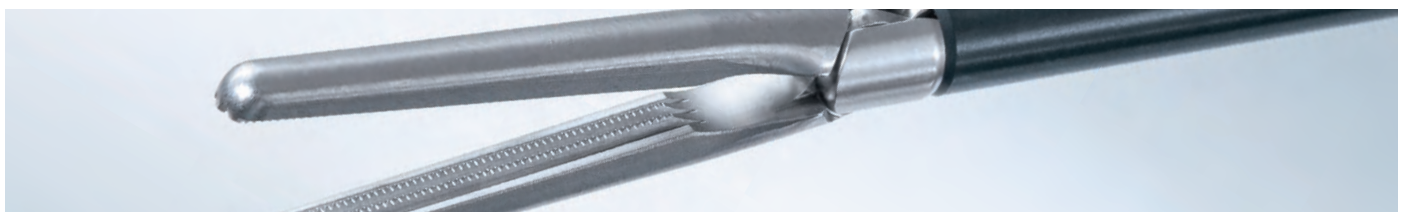
	Description	Item No.	Diameter	Length
	<b>DEBAKEY CLAMP</b> 2 x 3 DeBakey jaws, straight, 43 mm jaw length, double action	FC824R	7 mm	25 cm
	<b>CRAFOORD CLAMP</b> 1 x 2 DeBakey jaws, curved, 55 mm jaw length, double action	FC825R	7 mm	25 cm
	<b>SATINSKY PARENCHYMAL CLAMP</b> 1 X 2 DeBakey jaws, 55 mm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

Specialty Instruments



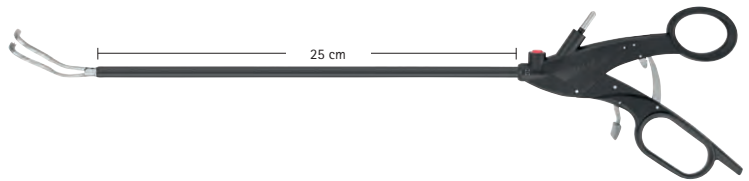
## Single Components

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




# VATS Instruments

## Video-Assisted Thoracoscopic Surgery



### Standard Instrument - Complete

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



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



<b>METZENBAUM SCISSORS</b> curved, wavecut, 22 mm jaw length, double action	FC834W	7 mm	25 cm
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<b>METZENBAUM SUPERCUT SCISSORS</b> curved, wavecut, microtome edge, 38 mm jaw length, double action	FC835W	7 mm	25 cm
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Wavecut reduces tissue from slipping out during the cutting process.



## Single Components

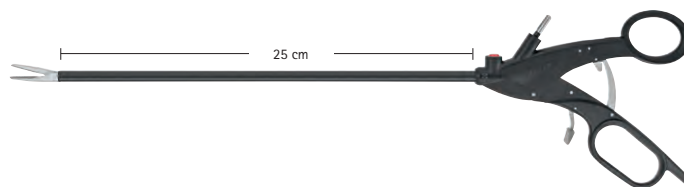
Jaw Insert	Insulated Outer Tube	Handle
 <p>1/2</p> <p><b>FC878R</b></p>		
		 <p>without ratchet</p> <p><b>FC800R</b></p>
 <p>1/2</p> <p><b>FC884W</b></p>	 <p><b>FC808P</b></p>	 <p>with ratchet, disengageable</p> <p><b>FC801R</b></p>
 <p>1/2</p> <p><b>FC885W</b></p>		

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



# VATS Instruments

## Video-Assisted Thoracoscopic Surgery









### Standard Instrument - Complete

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



## Single Components


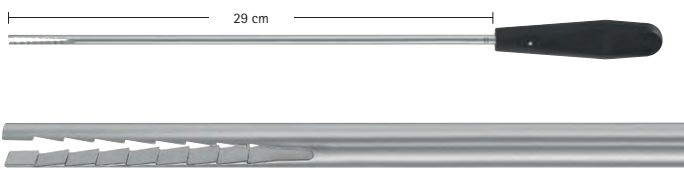
Jaw Insert	Insulated Outer Tube	Handle
 <p>1/2</p> <p><b>FC894R</b></p>		
 <p>1/2</p> <p><b>FC895R</b></p>		 <p>without ratchet</p> <p><b>FC800R</b></p>
 <p>1/2</p> <p><b>FC896R</b></p>	 <p><b>FC808P</b></p>	 <p>with ratchet, disengageable</p> <p><b>FC801R</b></p>



# VATS Instruments

## Video-Assisted Thoracoscopic Surgery

### Additional Instruments

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





## Spare Parts

PUSH ROD FOR VATS INSTRUMENTS  
straight



FC864810

1/2

PUSH ROD FOR BIOPSY FORCEPS FC870R  
curved



FC870810

1/2

SUCTION TIP FOR FC852R



FC852202


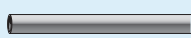











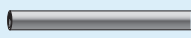





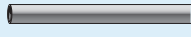


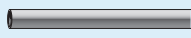


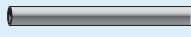




REUSABLE MONOPOLAR CORD  
BOVIE, CONMED, VALLEYLAB  
10 ft.



US354

# Specialty Instruments: Advanced Urology

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

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

# Needle Holders and Suturing

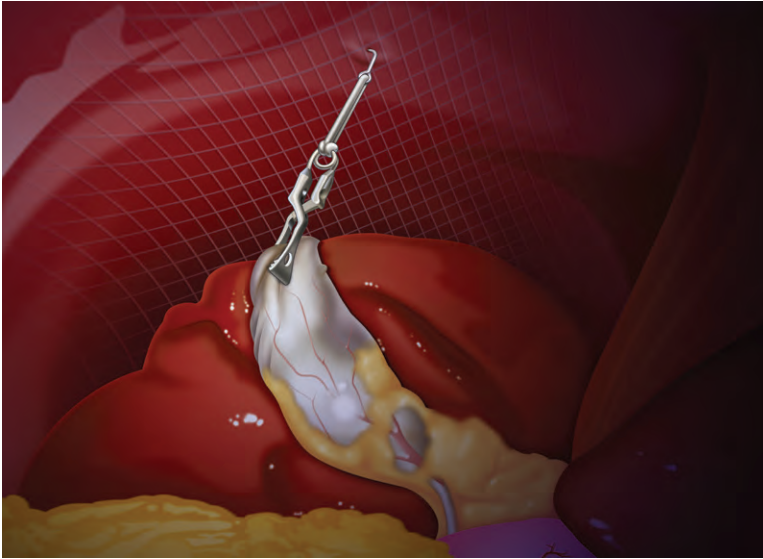


Extracorporeal	Description	Item No.	Diam.	Length
1/1	Durogrip™ needle holder, straight, tungsten carbide inserts (PO959R handle)	PO550R	5 mm	31 cm
1/1	Durogrip needle holder, curved tungsten carbide inserts (PO959R handle)	PO559R	5 mm	31 cm
1/1	Knot pushing forceps	PM654R PM973R PO958R	5 mm	31 cm
1/1	CROCE/OLMI Dissecting and suture scissors with knot pusher (PO958R handle)	PO022R	5 mm	31 cm
	Knot Pusher	PL651R	5 mm	31 cm
	Knot pusher	PL435R	3.5 mm	31 cm
		PL432R	5 mm	31 cm
	Suture hook for intracorporeal tightening of the suture line by pulling on the suture throws in case of continuous anastomosis	PO193R	5 mm	33 cm
	Loop applicator, 4.5 mm inner diameter	PL650R	5 mm	15 cm
	Sealing cap, box of 20	PL650250		



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

# Cinch Organ Retractor



## Secure




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

## Efficient

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

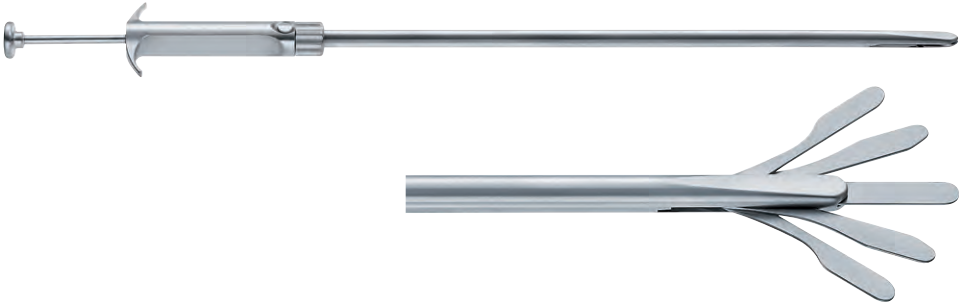
## Versatile

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

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

# Retractors

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



	Prostate retractor	PL682R	10 mm	37 cm
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# Nathanson Retractors

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



1/2













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



1/2

# Suction/Irrigation

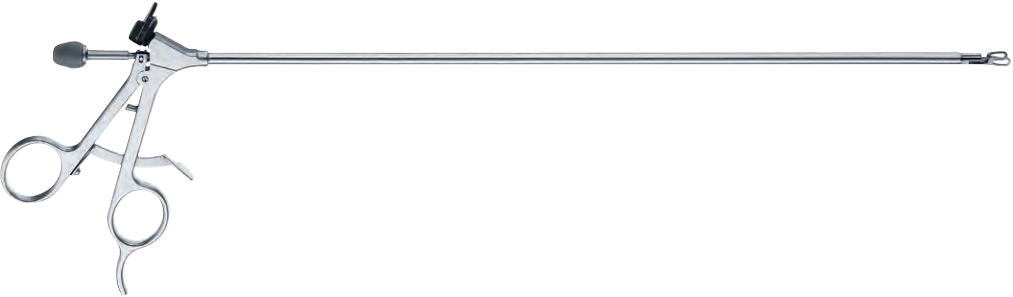
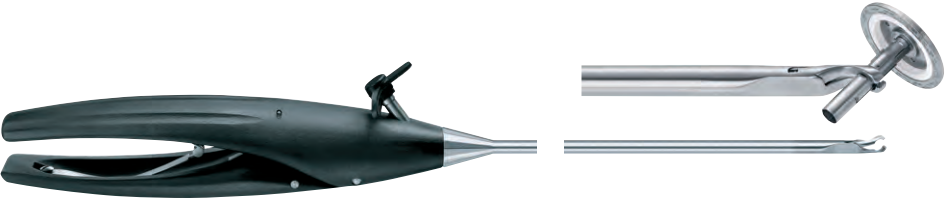




Description	Item No.	Diameter	Length
Suction/irrigation tube with finger valve, luer-lock connection 	GF320R	5 mm	33 cm
Suction/Irrigation Tube, Luer-Lock connection 	GF321R	5 mm	33 cm
Puncture needle with finger valve, luer-lock connection, 2 mm (12 gauge) distal tip diameter 	SR550R	5 mm	33 cm
Puncture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

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

# Suction/Irrigation with Monopolar

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

# Miscellaneous Instruments

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

# Ligation



# DS Ligation Clips



## DS Single Fire Ligation Clips

**DS Single Fire Ligation Clips: Innovative, Reliable, Convenient**

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

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

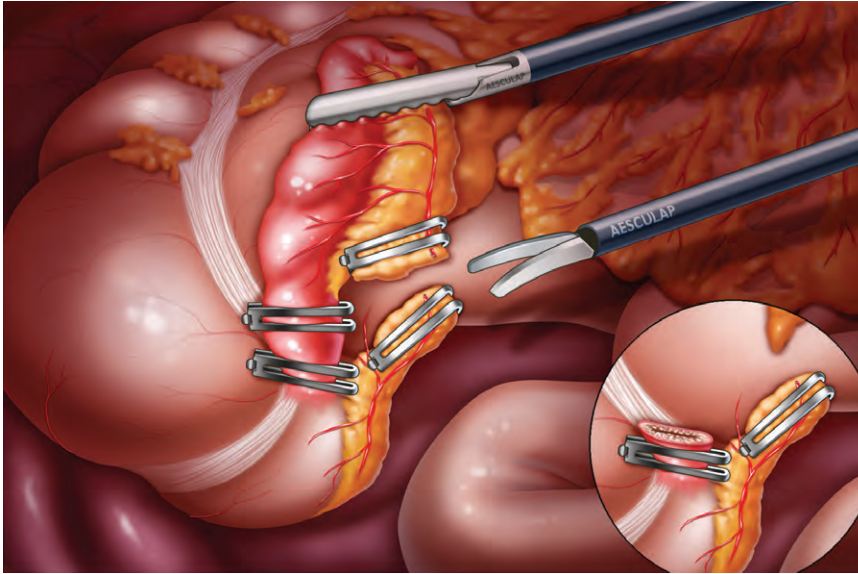
**Convenient:** The system is easy to use. It does not require an adaption of the order of operation.

### Distal to proximal clip closure

- Prevents pushing out tissue during closure



# DS Clip for Appendectomy



DS Ligation Clips applied to appendix and mesoappendix

Delivering cost savings without the compromise

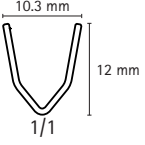
The XL DS Clip provides a cost-effective solution, without compromising on security, for laparoscopic appendectomies. This is made possible by an innovative extra large clip designed especially with closure of the appendix and mesoappendix in mind. The XL DS Clip provides surgeons with **double** the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

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

**Indication for Use:**

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

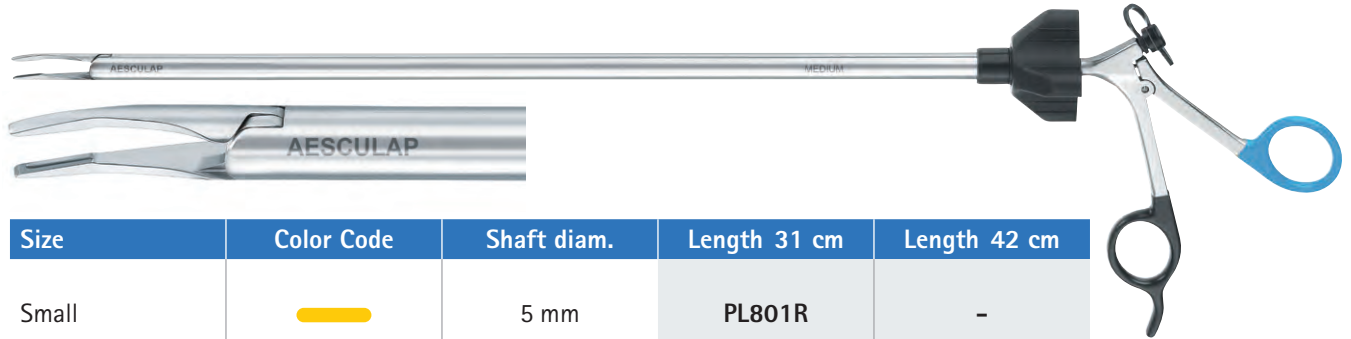
# DS Clips






Size	Color Code	Clip without Latch	Clip with Latch	Clips per Cartridge	No. of Cart. per Box
					
Small			<b>PL450SU</b>	6	15
			<b>PL452SU</b>	24	6
Small-Medium			<b>PL453SU</b>	6	15
Medium			<b>PL459SU</b>	6	15
Medium-Large			<b>PL462SU</b>	6	15
					
Large			<b>PL468SU</b>	6	12
					



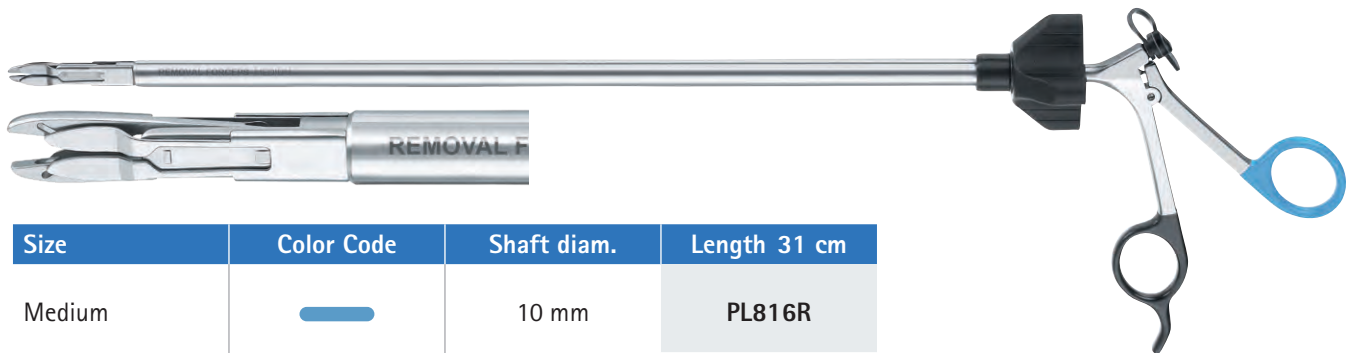
# DS Clip Appliers and Removal Forceps




## Laparoscopic Clip Appliers



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

## Laparoscopic Clip Removal Forceps



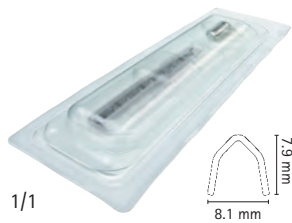
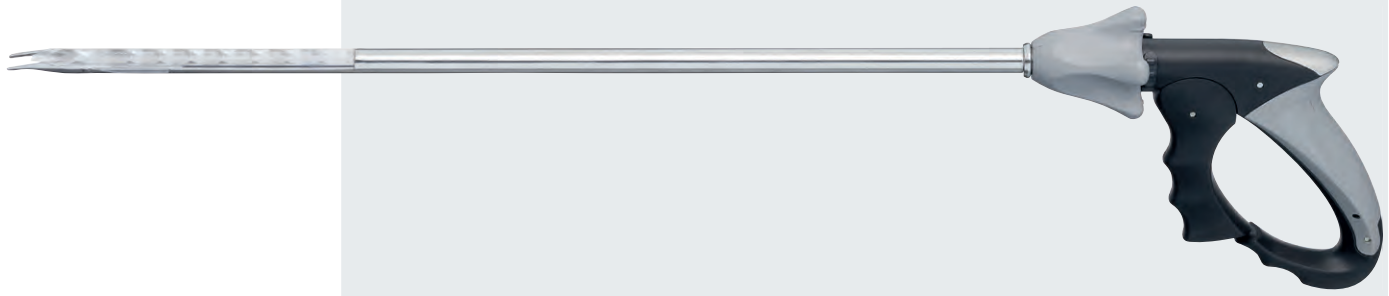
Size	Color Code	Shaft diam.	Length 31 cm
Medium		10 mm	PL816R
Medium-Large		10 mm	PL817R
Large		12 mm	PL818R

### Indication for Use:

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

# Challenger™ Ti-P Multi-Fire Clip Applier

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



Medium-Large (ML) clips for use with 10 mm clip appliers, 12 sterile clip cartridges per box, 8 titanium clips and 1 CO<sub>2</sub> cylinder per cartridge

PL579T

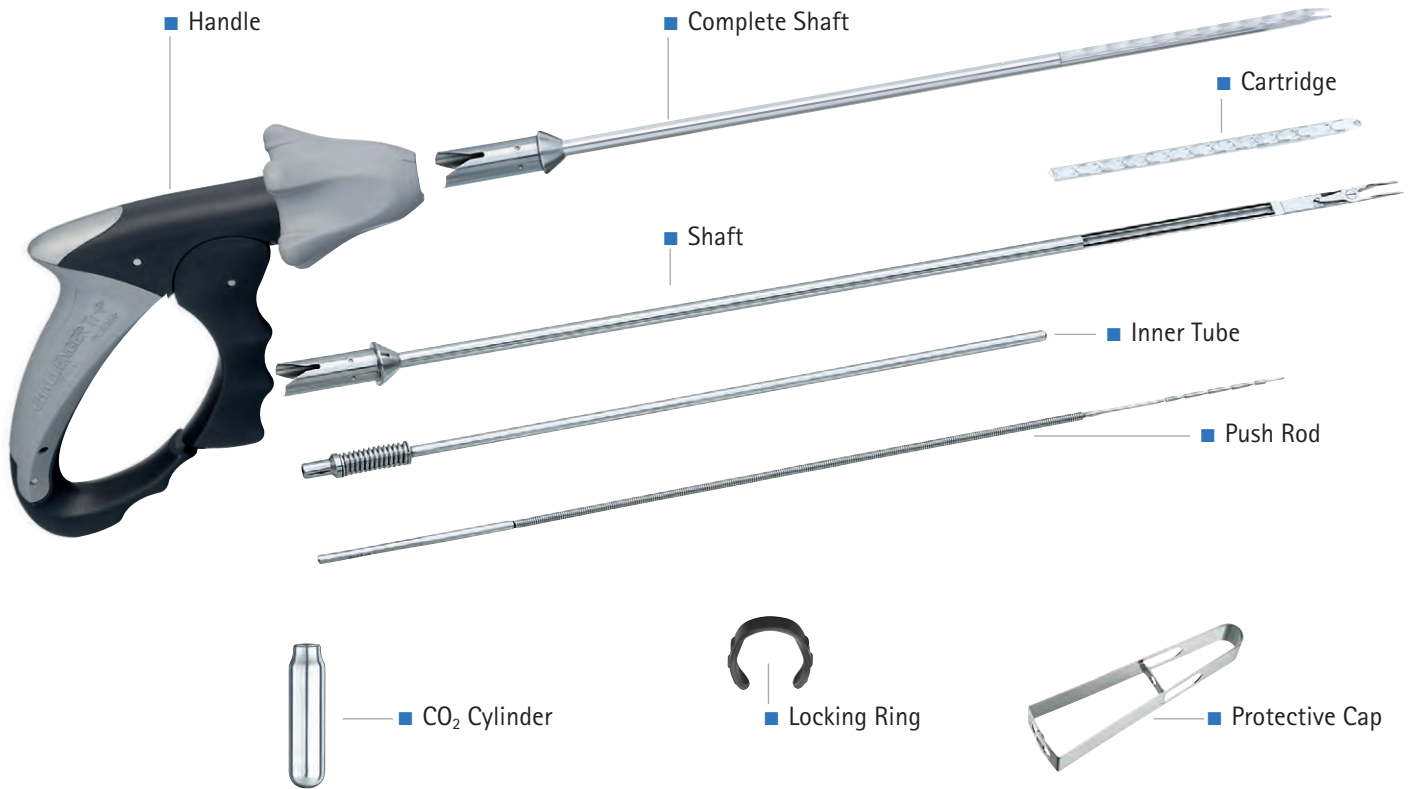
Small-Medium (SM)	Description	Item No.	Diameter	Length
	Clip applier, Small-Medium (SM)	PL604R	5 mm	31 cm
		PL603R	5 mm	20.5 cm



Small-Medium (SM) clips for use with 5 mm clip appliers 12 sterile clip cartridges per box, 12 titanium clips and 1 CO<sub>2</sub> cylinder per cartridge

PL574T

# Components and Spare Parts



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

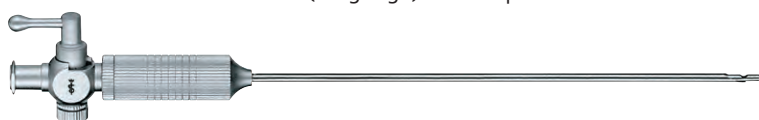


# Access & Closure





# Access Instruments

Description	Item No.	Diam.	Length
VERESS needle, single use, box of 20	EJ995	2.1 mm	120 mm
	EJ996	2.1 mm	150 mm
VERESS needle with 1.6 mm (14 gauge) distal tip diameter	PG003	2.1 mm	100 mm
	PG008	2.1 mm	120 mm
	PG011	2.1 mm	150 mm
Exploratory probe with scaling	BN320R	5 mm	40 cm
	BN321R	5 mm	50 cm
Exploratory probe with scaling	BN322R	3.5 mm	40 cm



# Insufflation

Description	Item No.
Disposable tube set incl. CO <sub>2</sub> filter, sterile, 10 ft., box of 10	PG012
	
Disposable CO <sub>2</sub> filter, sterile, box of 25	PG019
	

# MiniPort 3.5 mm Trocar

## Our smallest Trocar Design

### Mini Laparoscopy starts with the Access

- Small skin incision
- Less post-operative pain<sup>1</sup>
- Almost no visible scars<sup>1</sup>
- No change of laparoscopic operating technique
- Easy insertion  
New handle design combined with a dilating tip for an accurate and target access of the trocar – less force necessary.
- Good fixation  
Special profile on the trocar sleeve
- Cost effective  
Combination of single use trocar and reusable dilating pin
- Complete Mini Laparoscopy System  
The MiniPort is compatible with the existing 3.5 mm Aesculap® AdTec™ mini instrument line as well as with other 3.5 mm instruments.



Description	Item No.	Diam.	Length
MiniPort disposable trocar sleeve, with integrated seal and thread, box of 6	EK105SU	3.5 mm	70 mm
Dilating trocar pin, reuseable	EK030R		



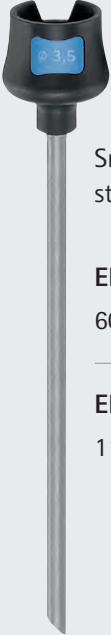
Statements relate to Mini Laparoscopy

<sup>1</sup>Novitsky Y, Kercher K W, Czerniach D R, Kaban G K, Khera S, Gallagher-Dorval K A, Callery M P, Litwin D E M, Kelly J J. Advantages of Mini-laparoscopic vs Conventional Laparoscopic Cholecystectomy. Arch Surg. 2005 Dec;140(12):1178-83.



# 3.5 mm Trocars

**Sleeves**



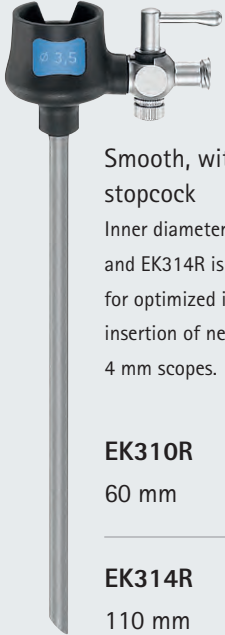
Smooth, without stopcock

**EK311R**  
60 mm

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**EK315R**  
110 mm

**Sleeves**



Smooth, with stopcock

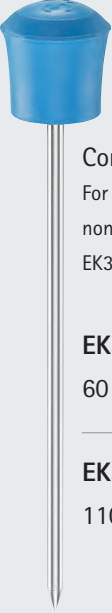
Inner diameter of EK310R and EK314R is enlarged for optimized insufflation, insertion of needles and 4 mm scopes.

**EK310R**  
60 mm

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**EK314R**  
110 mm

**Obturator**

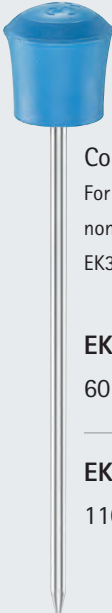


**Conical sharp**  
For use with non-insufflation sleeves  
EK311R d EK315R

**EK345R**  
60 mm

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**EK346R**  
110 mm



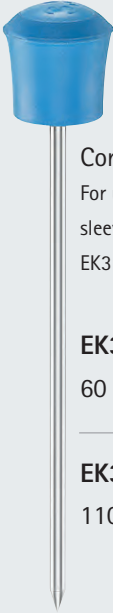
**Conical blunt**  
For use with non-insufflation sleeves  
EK311R d EK315R

**EK348R**  
60 mm

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**EK349R**  
110 mm

**Obturator**

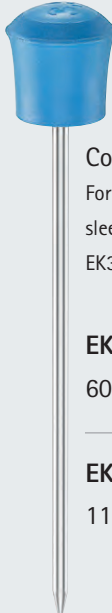


**Conical sharp**  
For use with insufflation sleeves  
EK310R d EK314R

**EK355R**  
60 mm

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**EK356R**  
110 mm



**Conical blunt**  
For use with insufflation sleeves  
EK310R d EK314R

**EK358R**  
60 mm

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**EK359R**  
110 mm



**EK380P**

Sealing unit for 3.5 mm trocars, box of 20

# 5 mm Trocars

## Sleeves



Smooth, with stopcock

**EK010R**

60 mm

**EK014R**

110 mm

**EK018R**

150 mm



Smooth, without stopcock

**EK011R**

60 mm

**EK015R**

110 mm



Threaded, with stopcock

**EK012R**

60 mm

**EK016R**

110 mm



Threaded, without stopcock

**EK013R**

60 mm

**EK017R**

110 mm



**EK080P**

Sealing unit for 5 mm trocars, box of 20



**EK001SU**

Single-use sealing unit for 5 mm trocars, box of 20

## Obturator



Conical Sharp

**EK045R**

60 mm

**EK046R**

110 mm

**EK047R**

150 mm



Conical Blunt

**EK048R**

60 mm

**EK049R**

110 mm

**EK050R**

150 mm



Triangular Sharp

**EK051R**

60 mm

**EK052R**

110 mm

**EK053R**

150 mm



Dilating

**EK148SU**

60 mm

**EK149SU**

110 mm


**EK150SU**

150 mm

Single-use, sterile  
(box of 6)

# 10 mm Trocars

## Sleeves

 <p>Smooth, with stopcock</p> <p><b>EK024R</b> 110 mm</p> <hr/> <p><b>EK028R</b> 150 mm</p>	 <p>Smooth, without stopcock</p> <p><b>EK025R</b> 110 mm</p>	 <p>Threaded, with stopcock</p> <p><b>EK026R</b> 110 mm</p>	 <p>Threaded, without stopcock</p> <p><b>EK027R</b> 110 mm</p>
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**EK083P**  
Sealing unit for 10/12 mm trocars with 5 mm Flap Converter



**EK086P**  
Sealing unit for 10/12 mm trocars



**EK002SU**  
Single-use universal sealing unit for 10/12 mm trocars  
Box of 20

## Obturator

 <p>Conical sharp</p> <p><b>EK056R</b> 110 mm</p> <hr/> <p><b>EK057R</b> 150 mm</p>	 <p>Conical blunt</p> <p><b>EK059R</b> 110 mm</p> <hr/> <p><b>EK060R</b> 150 mm</p>	 <p>Triangular sharp</p> <p><b>EK062R</b> 110 mm</p> <hr/> <p><b>EK063R</b> 150 mm</p>	 <p>Dilating</p> <p><b>EK159SU</b> 110 mm</p> <hr/> <p><b>EK160SU</b> 150 mm</p> <p>Single-use, sterile (box of 6)</p>
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# 12 mm Trocars

## Sleeves



Smooth, with stopcock

**EK034R**  
110 mm

**EK038R**  
150 mm



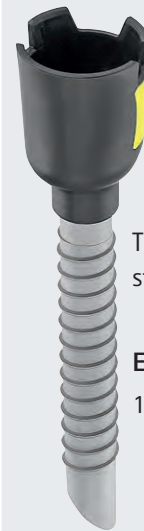
Smooth, without stopcock

**EK035R**  
110 mm



Threaded, with stopcock

**EK036R**  
110 mm



Threaded, without stopcock

**EK037R**  
110 mm



**EK083P**

Sealing unit for 10/12 mm trocars with 5 mm flap converter



**EK086P**

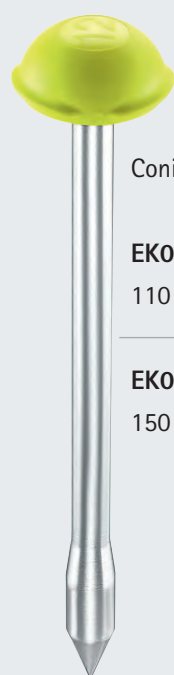
Sealing unit for 10/12 mm trocars



**EK002SU**

Single-use universal sealing unit for 10/12 mm trocars box of 20

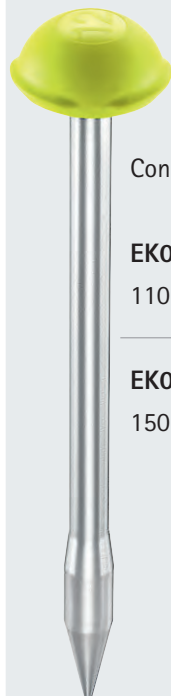
## Obturator



Conical sharp

**EK066R**  
110 mm

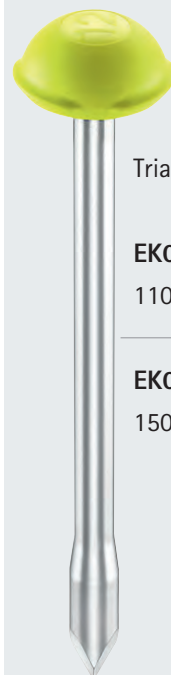
**EK067R**  
150 mm



Conical blunt

**EK069R**  
110 mm

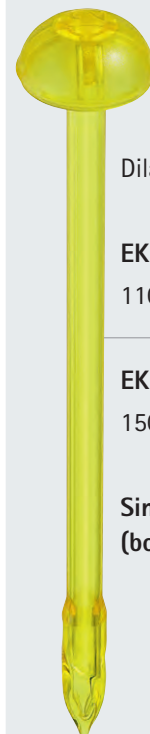
**EK070R**  
150 mm



Triangular sharp

**EK072R**  
110 mm

**EK073R**  
150 mm



Dilating

**EK169SU**  
110 mm

**EK170SU**  
150 mm

Single-use, sterile (box of 6)

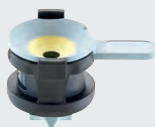
# Blunt HASSON Trocars

## HASSON / Mini Laparotomy Trocar

### Reusable



**EKO83P**  
Sealing unit for  
10/12 mm  
trocars with  
5 mm flap  
converter



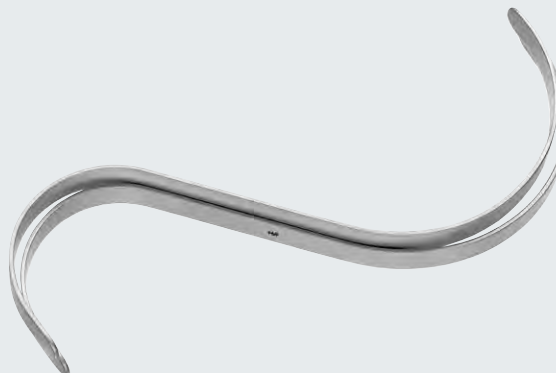
**EKO86P**  
Sealing unit  
for 10/12 mm  
trocars

### Single-use, sterile



**EK002SU**  
Single-use universal  
sealing unit for  
10/12 mm trocars  
  
box of 20

## HASSON "S" Retractors (set of 2)



**MD076**  
Malleable blade  
10 mm wide

**MD071R**  
Rigid blade  
10 mm wide

**MD077**  
Malleable blade  
13 mm wide

**MD072R**  
Rigid blade  
13 mm wide

### 10 mm

**EK024R**  
Smooth trocar sleeve with  
stopcock, 10 mm, 110 mm

**EK064R**  
Blunt (HASSON)  
obturator,  
10 mm, 110 mm

**EK098R**  
Stability cone for  
10 mm trocar sleeve











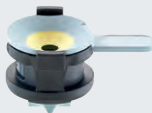
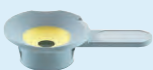


### 12 mm

**EK034R**  
Smooth trocar sleeve with  
stopcock, 12 mm, 110 mm

**EK074R**  
Blunt (HASSON)  
obturator,  
12 mm, 110 mm

**EK099R**  
Stability cone for  
12 mm trocar sleeve

# Replacement Parts & Accessories

Trocar Size	Complete Sealing Unit	Individual Components		
		Sealing Cap	Sealing Housing	Cross Slit Valve
3.5 mm	<b>EK380P</b>  Box of 20	<b>EK382P</b>  Box of 20	-	<b>EK381P</b>  Box of 20
5 mm	<b>EK080P</b>  Box of 20	<b>EK082P</b>  Box of 20	-	<b>EK081P</b>  Box of 20
10/12 mm with 5 mm flap converter	<b>EK083P</b>  Box of 20	<b>EK087P</b>  Box of 5	<b>EK088P</b>  Box of 20	<b>EK084P</b>  Box of 20
10/12 mm	<b>EK086P</b>  Box of 20	<b>EK085P</b>  Box of 5	<b>EK088P</b>  Box of 20	<b>EK084P</b>  Box of 20

## Replacement Parts

Insufflation stopcock,  
plug valve



EJ233215

Insufflation stopcock,  
bottom screw cap



EJ233216

Insufflation stopcock



EK024225

Hasson cone ^ suture  
fixation screw



EJ430202

## Suture Fixation

### EK397R

For 3.5 mm trocars (EK311R d EK315R Only)



### EK097R

For 5 mm trocars

## Reducing Sleeves



### EK390R

For 5 mm trocars, includes 3.5 mm sealing cap EK382P

### EK090R

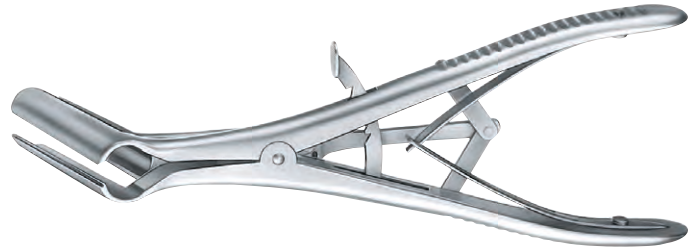
For 10 mm trocars, includes 5 mm sealing cap EK093P

### EK091R

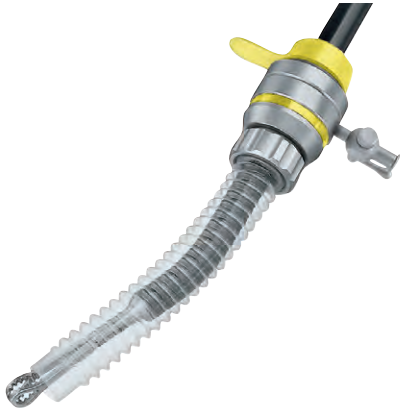
For 12 mm trocars, includes 5 mm sealing cap EK093P and 10 mm sealing cap EK094P

# Additional Instruments

Dilating Instruments	Item No.	Description
	BV941R	Gall bladder extractor with 3 blades (blade length 55 mm) For use with a 10 mm trocar, assisting the recovery process and extending the abdominal access
	EJ477R	Dilatation set, diam. 5.5 mm to 10.0 mm
	EJ477250	Sealing cap, box of 20



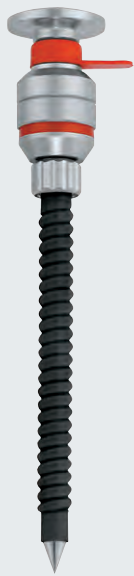
# Flexible Trocars



## Flexible Trocars

- Flexible trocar sleeve allows insertion of curved instruments and specialty jaw patterns
- Available in two different diameters:
  - 7 mm for use with 5 mm instruments
  - 13 mm for use with 5 mm and 10 mm instruments

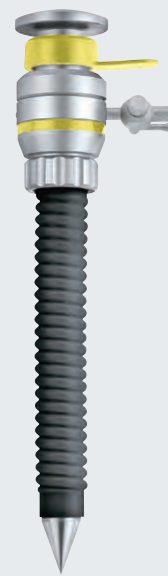
7 mm



### EJ800R

Complete trocar includes: obturator, cannula and valve, 7 mm x 100 mm

13 mm



### EJ590R








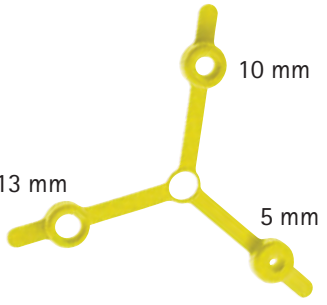

Complete trocar includes: obturator, cannula and valve, 13 mm x 100 mm



EJ804P	Flexible cannula for 7 mm trocars, 75 mm length, box of 3
EJ806P	Flexible cannula for 7 mm trocars, 100 mm length, box of 3
EJ824P	Flexible cannula for 13 mm trocars, 75 mm length, box of 3
EJ826P	Flexible cannula for 13 mm trocars, 100 mm length, box of 3

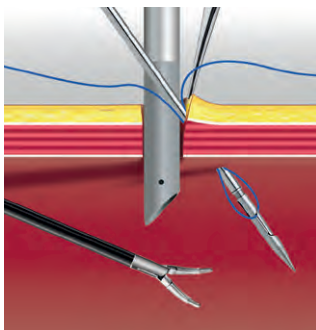
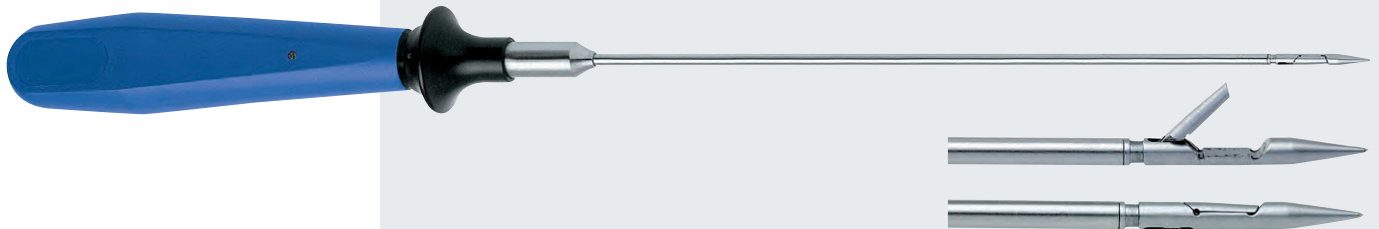


# Flexible Trocars Spare Parts and Accessories

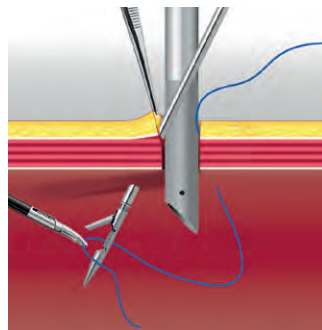
	Item No.	Description
	EJ570P	Silicone flap valve for 7 mm trocars, box of 20
	EJ572P	Silicone flap valve for 13 mm trocars, box of 20
	EJ751251	Sealing cap for insufflation connection, box of 20
	EJ700251	Trocar ring with insufflation connection for 7 mm trocars
	EJ750251	Trocar ring with insufflation connection for 13 mm trocars
	EJ651R	Trocar ring with stopcock for 7 mm trocars
	EJ650R	Trocar ring with stopcock for 13 mm trocars
	EJ700250	Trocar ring without insufflation connection for 7 mm trocars
	EJ750250	Trocar ring without insufflation connection for 13 mm trocars
	EJ417255	Sealing cap (red) for 7 mm trocars, box of 20
	EJ643P	Sealing cap (yellow) for 13 mm trocars, box of 20
 <p>13 mm</p> <p>10 mm</p> <p>5 mm</p>	EJ642P	Reducing converter (yellow) for 13 mm trocars
	EJ702250	Color coding ring, 20 pcs., red, diam. 7 mm
	EJ644P	Color coding ring, 20 pcs., yellow, diam. 13 mm

# Closure

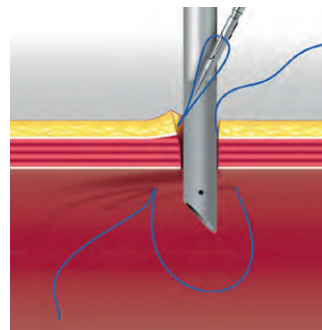
Port Closure Instrument	Description	Item No.	Diam.	Length
	Fascial suture instrument for subcutaneous closure of trocar incisions. Prevents the risk of postoperative hernias when using 10 mm trocars or bigger.	PL162R	2.5 mm	17 cm
	Shaft only for PL162R consisting of: outer tube, inner tube and jaw insert	PL163R		



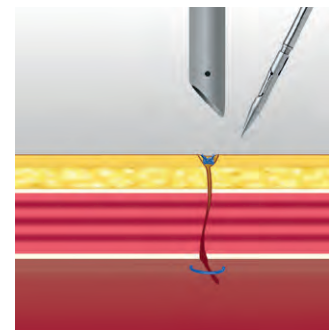
**Pic. 1:**  
The suture material hold by the jaw part of the instrument will be placed under endoscopic visual control through all subcutaneous tissue layers into the abdominal cavity.



**Pic. 2 and 3:**  
The suture material will then be grasped by a holding forceps. The instrument will be introduced into the pneumoperitoneum in the same way at the opposite of the first approach.



The suture material is being grasped by the fascial closure instrument and pulled through all tissue layers.



**Pic. 4:**  
The trocar is being removed and the tightened suture material closed by conventional knot technique.

Fascia Closure Instrument	Description	Item No.
	Fascia spoon	PL152R



	Fascia hook	PL153R
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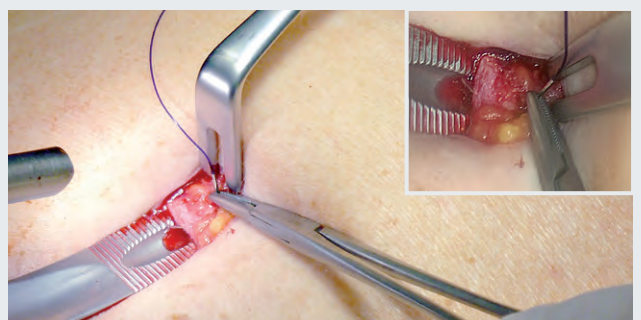


*Insertion of the fascia hook and illustration of fascia lip.*



*Application of fascia suture in which fascia is pierced from top to bottom. The opening in the hook and the recess in the fascia spoon support needle entry and exit. The fascia spoon thereby offers protection for the underlying structures.*

*Fascia suturing can be performed with a sharp semicircular needle body. Alternatively, a 5/8 needle can be used. In conjunction with the channel guide, this needle exits the fascia level better and can then be more easily recovered.*



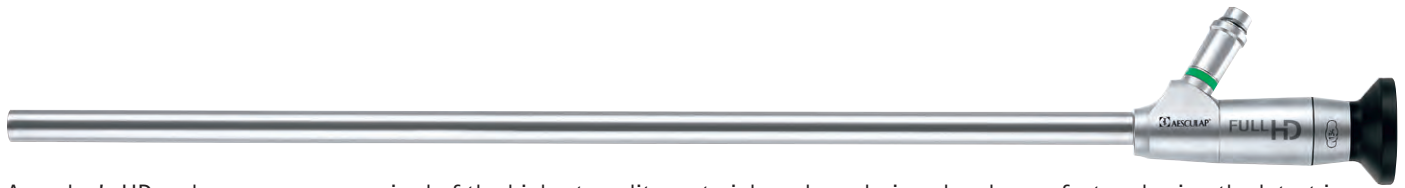
See *Fascia Closure* brochure for a more detailed step-by-step technique.



# Endoscopes & Accessories



# Full HD Endoscopes



Aesculap's HD endoscopes are comprised of the highest quality materials and are designed and manufactured using the latest in optics technology. Our laparoscopes provide optimal performance for the surgeon and staff.

- Excellent imaging - high definition optics for clear, bright and sharp pictures
- Large selection of diameters and angles of view
- Steam and STERRAD® compatible
- Adaptable to a variety of manufacturers' light cables and light sources
- Industry standard eyepiece is compatible to all camera systems

Description	Item No.	Diameter	Viewing Direction	Length
Arthroscope	PE484A	4 mm	0°	15 cm
Arthroscope	PE514A	4 mm	30°	15 cm
Arthroscope	PE485A	4 mm	0°	17.5 cm
Arthroscope	PE505A	4 mm	30°	17.5 cm
Arthroscope	PE525A	4 mm	70°	17.5 cm
Laparoscope	PE522A	4 mm	0°	30 cm
Laparoscope	PE508A	4 mm	30°	30 cm
Laparoscope	PE590A	5 mm	0°	31 cm
Laparoscope	PE610A	5 mm	30°	31 cm
Laparoscope	PE889A	10 mm	0°	33 cm
Laparoscope	PE909A	10 mm	30°	33 cm
Laparoscope	PE969A	10 mm	45°	33 cm

Endoscopes



JG904



## Additional Accessories

Sterile camera drape, disposable, ring design box of 25

JG904

Sterile anti fog solution, box of 10

JG910

STERRAD is a registered trademark of Advanced Sterilization Products (ASP), a Division of Ethicon, Inc., a Johnson & Johnson company.

# Light Cables

## Light Cable Ordering Information

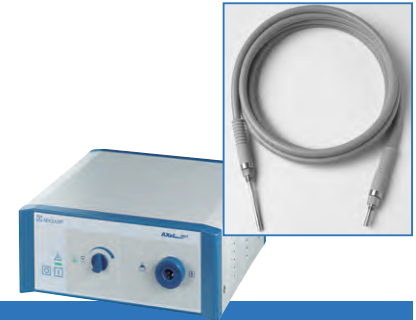
Follow these steps to use the table below to identify the appropriate light cable:





Step 1 - Select your light source from the horizontal column.

Step 2 - Select your scope from the vertical column.

Step 3 - The box where they meet represents the appropriate light cable.

(Example: Using an Aesculap light source and an Aesculap scope – Order MB111)



If Your Light Source (LS) is from:					
Your Scope (S) is from	Aesculap/Storz	Olympus	Circon/ACMI	Stryker	Wolf/Dyonics
	<i>Light Cable:</i> <b>MB111</b> ■ AESCULAP LS ■ AESCULAP S	<i>Light Cable:</i> <b>MB112</b> ■ OLYMPUS LS ■ AESCULAP S	<i>Light Cable:</i> <b>MB113</b> ■ CIRCON LS ■ AESCULAP S	<i>Light Cable:</i> <b>MB114</b> ■ STRYKER LS ■ AESCULAP S	<i>Light Cable:</i> <b>MB115</b> ■ WOLF LS ■ AESCULAP S
	<i>Light Cable:</i> <b>MB121</b> ■ AESCULAP LS ■ OLYMPUS S	<i>Light Cable:</i> <b>MB122</b> ■ OLYMPUS LS ■ OLYMPUS S	<i>Light Cable:</i> <b>MB123</b> ■ CIRCON LS ■ OLYMPUS S	<i>Light Cable:</i> <b>MB124</b> ■ STRYKER LS ■ OLYMPUS S	<i>Light Cable:</i> <b>MB125</b> ■ WOLF LS ■ OLYMPUS S
	<i>Light Cable:</i> <b>MB131</b> ■ AESCULAP LS ■ CIRCON S	<i>Light Cable:</i> <b>MB132</b> ■ OLYMPUS LS ■ CIRCON S	<i>Light Cable:</i> <b>MB133</b> ■ CIRCON LS ■ CIRCON S	<i>Light Cable:</i> <b>MB134</b> ■ STRYKER LS ■ CIRCON S	<i>Light Cable:</i> <b>MB135</b> ■ WOLF LS ■ CIRCON S
	<i>Light Cable:</i> <b>MB151</b> ■ AESCULAP LS ■ WOLF S	<i>Light Cable:</i> <b>MB152</b> ■ OLYMPUS LS ■ WOLF S	<i>Light Cable:</i> <b>MB153</b> ■ CIRCON LS ■ WOLF S	<i>Light Cable:</i> <b>MB154</b> ■ STRYKER LS ■ WOLF S	<i>Light Cable:</i> <b>MB155</b> ■ WOLF LS ■ WOLF S

The universal light cable and all adapters can also be ordered separately

<b>MB100</b>	Universal light cable with no end fittings, light fiber bundle: 5 mm, length: 10 ft.
<b>MB001</b>	Aesculap / Storz adapter for light cable (LS end)
<b>MB002</b>	Olympus adapter for light cable (LS end)
<b>MB003</b>	Circon / ACMI adapter for light cable (LS end)
<b>MB004</b>	Stryker adapter for light cable (LS end)
<b>MB005</b>	Wolf/Dyonics adapter for light cable (LS end)
<b>MB010</b>	Aesculap / Storz / Olympus adapter for light cable (S End)
<b>MB030</b>	Circon / ACMI / Stryker adapter for light cable (S End)
<b>MB050</b>	Wolf/Dyonics adapter for light cable (S End)
<b>OP917</b>	Light cable tester

Adapters for light guide







# Care & Storage



# Care & Storage



## Advantages of the Aesculap SterilContainer™ System

- **Reliable...**  
for patients and hospital staff. The Aesculap SterilContainer System helps ensure proper storage, transportation and sterilization of surgical instruments.
- **Cost-effective reusable container system...**  
low operating expense and typical 10+ year service life.
- **Easy to handle...**  
simple, fast and efficient – lightweight aluminum and ergonomic handles.
- **Clear identification match...**  
using colored lids, indicator labels, identification labels and barcoding – clearly identifiable and standardized, easy to track and document.

In addition to a full line of containers, Aesculap also offers storage systems, instrument racks and convenient disposable products to support all of your sterilization needs.

The Aesculap Instrument Organization System is an advanced system of organizing, storing and protecting your instrument set during transportation and sterilization.

- Instruments organized with the Instrument Organization System are guarded against damage from instrument-on-instrument impact during transportation
- Instrument protection reduces the cost of repairs ^ set downtime
- Instrument protection increases instrument life ^ reduces replacement cost

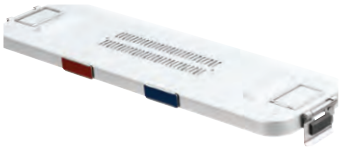


In the O.R. a set organized with the Aesculap Instrument Organization System can also help cases flow more efficiently by allowing staff to:

- Quickly identify and select the correct instruments
- Work directly from the organized set
- Replace used instruments into the correct slot making final instrument count easier

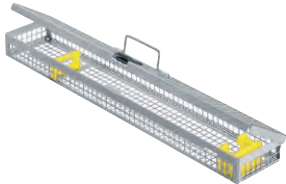


During sterilization, the Aesculap Instrument Organization System allows:

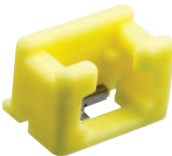



- Better sterilant flow between instruments
- Consistent sterilization every time because your instruments are in the same place

# Endoscopes Care & Storage

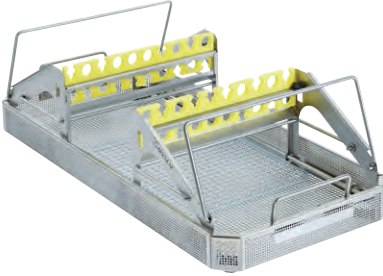

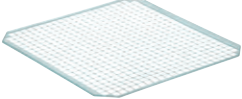
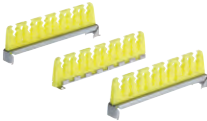

Instrument Sterilization Trays & Containers	Description	Item No.
	Extra long mini container lid, for PreVac Steam and EtO	JK020
	Extra long mini container lid, for PreVac Steam, EtO and low temp*	JM020
	Extra long mini container bottom, for PreVac Steam and EtO	JN021
	Extra long mini container bottom, for PreVac Steam, EtO and low temp*	JM021
	Extra long mini basket with Lid, 20" long	JF435R

\* Refer to [www.AesculapUSA.com/IFU](http://www.AesculapUSA.com/IFU) for Instructions for Use

Endoscope Sterilization Trays & Containers	Description	Item No.
	Single scope tray, fits Full-Size SterilContainer™ System, 17" (45 cm) long	JF431R
	Double scope tray, fits Full-Size SterilContainer™ System, 17" (45 cm) long	JF432R
	Double scope tray with silicone supports, fits Full-Size SterilContainer™ System, 17" (45 cm) long	JF433R

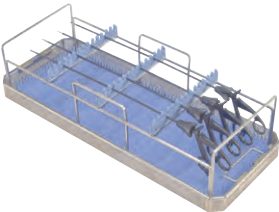
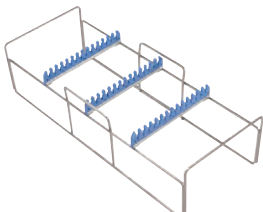

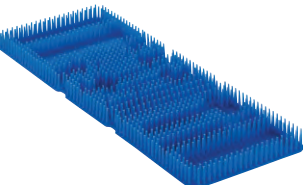


Extra-Long Mini Size Container Accessories							
JG367	JG368	JG369	JG340	JG341	JG342	JG343	JG344
							
Silicone scope eyepiece holder	Silicone scope sleeve holder	Support for angled optics	Small silicone holder for 5 mm instruments	Small silicone holder for 7.5 mm instruments	Small silicone holder for 8.5 mm instruments	Small silicone holder for 10 mm instruments	Small silicone holder for 12 mm instruments

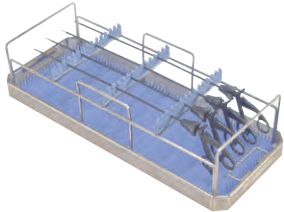
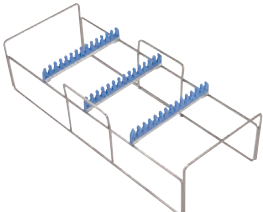

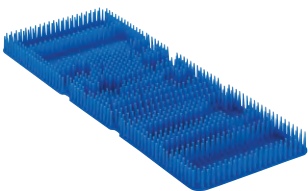

# Laparoscopic Instruments Care & Storage

Storage Systems	Storage Rack Set	Item No.
	<p><b>For MIS instruments, standard</b>            For instruments with shaft length up to 37 cm, comprising:  <b>PL963R</b> storage rack, standard  <b>JF222R</b> perforated tray and <b>JF938</b> silicone mesh mat</p>	<p><b>PL960R</b></p>
Parts	Description	Item No.
	<p>Storage rack, standard dimensions: 487 x 250 x 153 mm</p>	<p><b>PL963R</b></p>
	<p>Tray, standard</p>	<p><b>JF222R</b></p>
	<p>Silicone mesh mat 240 mm x 250 mm</p>	<p><b>JF938</b></p>
	<p>Silicone component</p>	<p><b>PL960206</b></p>
	<p>Trocar storage set universal silicone storage racks for trocars</p>	<p><b>PL962R</b></p>
Container for Storage, Standard	Description	Item No.
	<p>Container body external dimensions 592 x 274 x 187 mm</p>	<p><b>JK444</b></p>
	<p>Lid for <b>JK444</b> external dimensions 588 x 285 x 36 mm</p>	<p><b>JK489</b></p>







Storage Systems	Storage Rack Set	Item No.
	<p><b>For MIS instruments, long</b>            For instruments with shaft length up to 42 cm, comprising:  <b>PL964R</b> storage rack, long  <b>JF232R</b> perforated tray and <b>JF938</b> silicone mesh mat</p>	<p><b>PL961R</b></p>
Parts	Description	Item No.
	<p>Storage rack, long dimensions: 587 x 250 x 153 mm</p>	<p><b>PL964R</b></p>
	<p>Tray, long</p>	<p><b>JF232R</b></p>
	<p>Silicone mesh mat 240 mm x 250 mm</p>	<p><b>JF938</b></p>
	<p>Silicone component</p>	<p><b>PL960206</b></p>
	<p>Trocar storage set universal silicone storage racks for trocars</p>	<p><b>PL962R</b></p>
Container for Storage, Extra Long	Description	Item No.
	<p>Container body with perforation base external dimensions:            711 x 274 x 187 mm</p>	<p><b>JN445</b></p>
	<p>Lid for <b>JN445</b> external dimensions: 708 x 280 x 35 mm</p>	<p><b>JK490</b></p>

# Laparoscopic Instruments Care & Storage

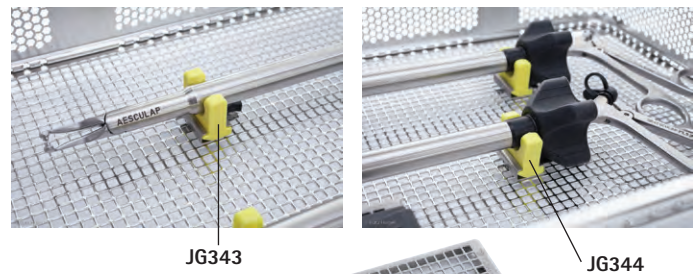
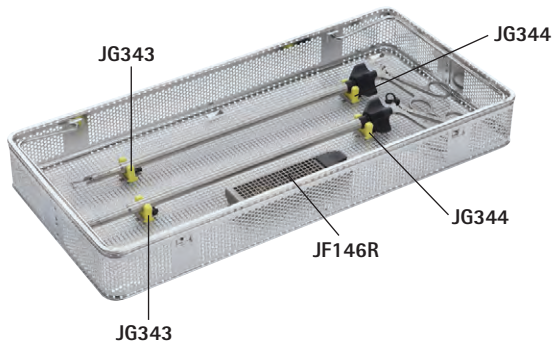
Endoscopy Rack Storage System	Description	Item No.
	<p>Endorack storage system, includes endorack, silicone mat, and 2"-high perforated basket.</p>	<p>MD378</p>
Container Accessories	Description	Item No.
	<p>Endorack storage rack, holds 14 endoscopic instruments. Fits into 8" deep SterilContainer™ System.</p>	<p>MD377</p>
	<p>Perforated basket, 21¼" long x 10" wide x 2¼" high</p>	<p>JF222R</p>
	<p>Silicone mat</p>	<p>PL950215</p>
Container for Storage, Standard	Description	Item No.
	<p>Container body external dimensions 592 x 274 x 187 mm</p>	<p>JK444</p>
	<p>Lid for <b>JK444</b> external dimensions 588 x 285 x 36 mm</p>	<p>JK489</p>

Extra-Long Endoscopy Rack Storage System	Description	Item No.
	<p>Endorack storage system, extra long includes endorack, silicone Mat, and 2"-high perforated basket.</p>	<p><b>MD379</b></p>
Extra-Long Container Accessories	Description	Item No.
	<p>Endorack storage rack, extra long holds 14 endoscopic instruments. Fits into an extra-long sized, 8" deep SterilContainer™ System.</p>	<p><b>MD375</b></p>
	<p>Perforated basket, 26" long x 10" wide x 2¼" high</p>	<p><b>JF232R</b></p>
	<p>Extra-Long silicone mat</p>	<p><b>JF933</b></p>
Container for Storage, Extra Long	Description	Item No.
	<p>Container body with perforation base external dimensions: 711 x 274 x 187 mm</p>	<p><b>JN445</b></p>
	<p>Lid for <b>JN445</b> external dimensions: 708 x 280 x 35 mm</p>	<p><b>JK490</b></p>

# Bulldog Clips Care & Storage

Bulldog Clips Care & Storage	Description	Item No.	Diam.
	Full-Size basket, 2 <sup>3</sup> / <sub>4</sub> " height	JC223R	
	Silicone holder	JG343	10 mm
	Silicone holder, 1/2"	JG344	12 mm
	IOS screw set 10 nuts and 10 bolts/pack	JG303	
	Full-Size solid bottom, 4 <sup>1</sup> / <sub>4</sub> " height	JK440	
	Full-Size lid, silver	JK489	

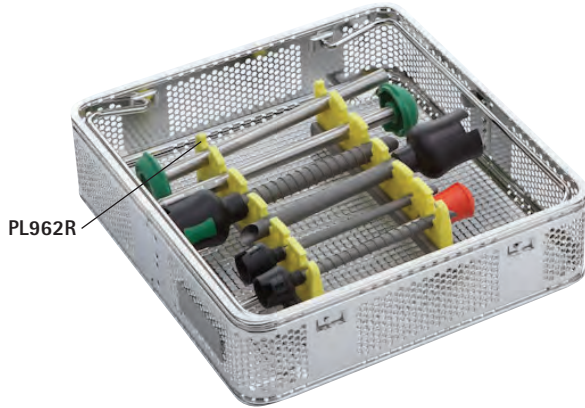
## Laparoscopic Vascular Urology Set





# Trocar Care & Storage

## Trocar Set Example



## Half-Size Stainless Steel Baskets Honeycomb Perforation



Length x Width x Height (in.)  
Outside dimensions

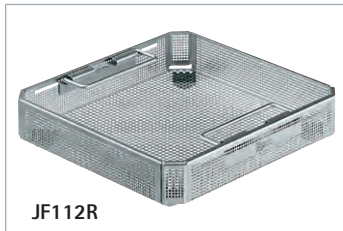
JC112R	9½ x 10 x 2*
JC113R	9½ x 10 x 2¾*
JC114R	9½ x 10 x 4*

\*Basket height includes feet

### Perforated Basket

- Rounded corners
- Wide, hideaway handles
- Stamped metal feet, JC series

## Half-Size Stainless Steel Basket Standard Perforation



Length x Width x Height (in.)  
Outside dimensions

JF112R	10 x 9⅞ x 2¼*
JF113R	10 x 9⅞ x 3*
JF114R	10 x 9⅞ x 4⅛*

\*Basket height includes feet

### Perforated Basket

- Fold-in handles
- Plastic feet

## Basket Cover for Perforated Baskets



Length x Width x Height (in.)  
Outside dimensions

JF117R	10⅛ x 9¾ x ¾
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Perforated Basket Cover for use with JF112R, JF113R and JF114R

## Mini-Size Perforated Basket with Lid



Length x Width x Height (in.)  
Outside dimensions

JF159R	10½ x 5 x 2
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Mini-Size Tray for micro instruments fits into an Aesculap Mini container JK188 or JN188.

## Micro Tray with Lid

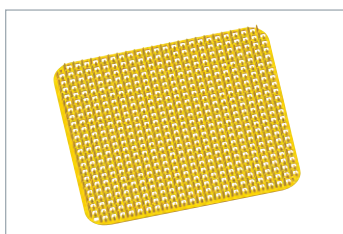


Length x Width x Height (in.)  
Outside dimensions

JF146R	3⅜ x 1¾ x 1
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Mini tray can be mounted on a perforated basket with JG303R.

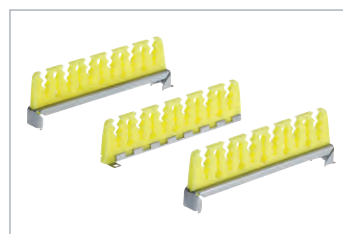
## Perforated Silicone Holding Mats



JF944  
9¾ x 4 Mini-size silicone mat

JF945  
9¾ x 9¼ Half-size silicone mat

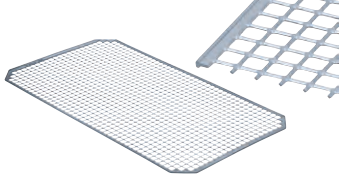
## Trocar Storage Set

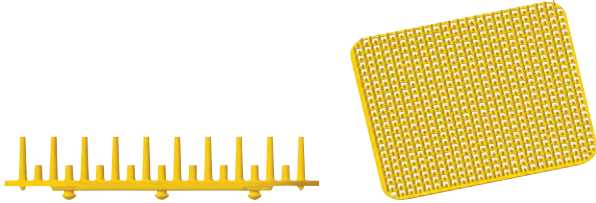


PL962R




Universal silicone storage racks for trocars can be mounted on a perforated basket with JG303R.

# Accessories & Instrument Care

Silicone Mesh Mats & Silicone Holding Mats with Perforations	Description	Item No.
	9 1/2" x 9 7/8" (For use with half-size containers)	JF938
	18 7/8" x 9 7/8"	JF939
	15 7/8" x 9 7/8" (For use with three-quarter size containers)	JF940
	21 1/8" x 9 7/8" (For use with full-size containers)	JF941

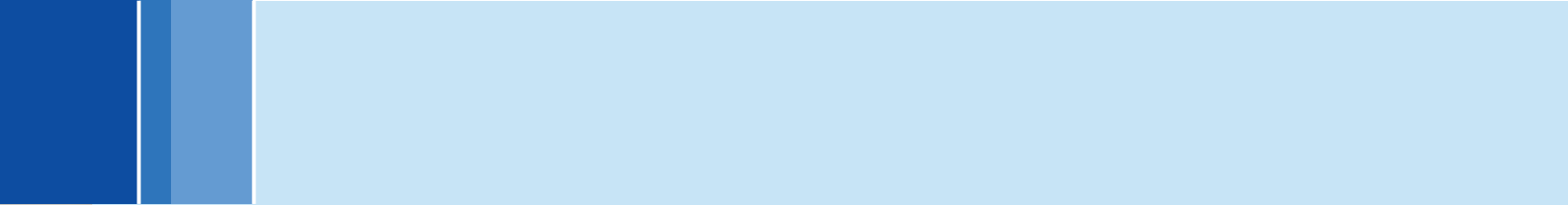
Perforated Silicone Holding Mats	Description	Item No.
	9 3/4" x 4" Mini-size silicone mats	JF944
	9 3/4" x 9 1/4" Half-size silicone mats	JF945
	15 1/4" x 9 1/4" Three-Quarter size silicone mat	JF947
	20 1/4" x 9 1/4" Full-Size silicone mat	JF949

Parts	Description	Item No.
	Screw, 10 nuts and 10 bolts / pack	JG303R
	Screwdriver / wrench	GB459R

Instrument Care	Description	Item No.
	Wire brush for cleaning jaws	GK299
	Cleaning brush for inner and outer tubes, 10 mm Diameter, Box of 6	PM995R
	Cleaning brush for inner and outer tubes, 3.7 mm Diameter, box of 6	GK469R

JG598	JG600	JG601	MCGANMM513
			
Instrument oil, for box locks, ratchets, etc., physiologically inert	Instrument oil spray, for maintenance of instruments prior to sterilization, physiologically inert (box of 6)	Eloxal cleaner, 100 ml for cleaning container surfaces.	McGan insulation tester

# Services



# Aesculap Academy®



## An Overview of the Aesculap Academy

### Competence to Master the Future

An unprecedented demand for medical know-how exists today. Innovative developments in the field of medical technology, sophisticated new treatment methods, increasingly more stringent requirements for hospital and quality management and a healthy interest in acquiring new knowledge have given rise to an enormous and ever-increasing demand for additional training.



### Sharing Knowledge for Life

The Aesculap Academy enjoys a worldwide reputation as a leading forum for basic and advanced training in the field of medicine. Since 1995, it has offered accredited and non-accredited medical education. Aesculap Academy programs provide knowledge to medical practitioners, hospital personnel and hospital management personnel to master the future. Reaching across borders, cultures and languages, the Aesculap Academy has helped medical professionals in more than 44 countries achieve their goals of continuous professional growth. Its lifetime partnerships with medical professionals throughout Europe, the USA, Africa, Central and South America, Australia and Asia provide crucial knowledge to keep them on the leading edge of their profession.



## For more information:

*Call:*

**1-800-258-1946, Ext. 5223**

*or visit our website:*

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

# Surgical Asset Management



## Think Solutions. Think Aesculap.

It's our commitment to share the expertise we've gained, through decades of experience, with each and every customer looking for a solution. It is this commitment to sharing our knowledge and our tradition of excellence that has made us the partner of choice for many top hospitals throughout the world. Let Aesculap partner with you and aid in the design of an individual solution that will help optimize the efficiency of your Sterile processing department (SPD) and OR.

## Think Solutions. Think Aesculap.

Consulting Solutions

Technical Solutions

IT Solutions

Supply Solutions

## Consulting Solutions

### QuickScan® Analysis

A baseline assessment of surgical instrumentation and reprocessing practices in Central Service Department (CSD) and the Operating Room.

- Offering you strategic recommendations for long-term process improvements
- Hands-on best practices and benchmark data provide immediate impact and real results
- Reduced weight of instrument trays and better ergonomics result in less work for the SPD staff
- Inventory can be reallocated to reduce your need to purchase additional back-up supplies

### Process Optimization

Continuing the improvement of quality, efficiency and value of Surgical Asset Management within the CSD and the OR.

- Consultants will assist with the implementation of outlined recommendations to help you achieve your goals and apply proper surgical asset management practices. Service can include assistance with water quality improvements, development of CSD educational programs and training, establishing repeatable and transparent processes for quality reporting, and more.

### Asset Analysis

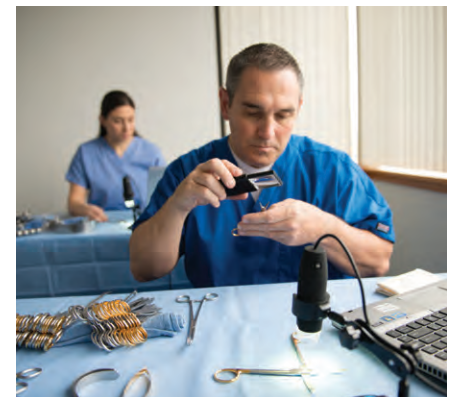
A qualitative and quantitative examination of your surgical instrument fleet.

- Analyze and document the quality of your current instrument inventory
- Supply recommendations for care and handling that will prolong your instrument life
- Analyze instrument inventory levels to determine if sufficient to meet hospital procedure volume

### Asset Optimization

The process to standardize, optimize and containerize surgical sets and contents.

- Having only the instruments you most commonly use in a set to minimize reprocessing costs



## For more information:

Contact your Aesculap Sales Representative for more information on how these consulting solutions can be implemented in your facility.

# Repairs by Aesculap



## Technical Solutions

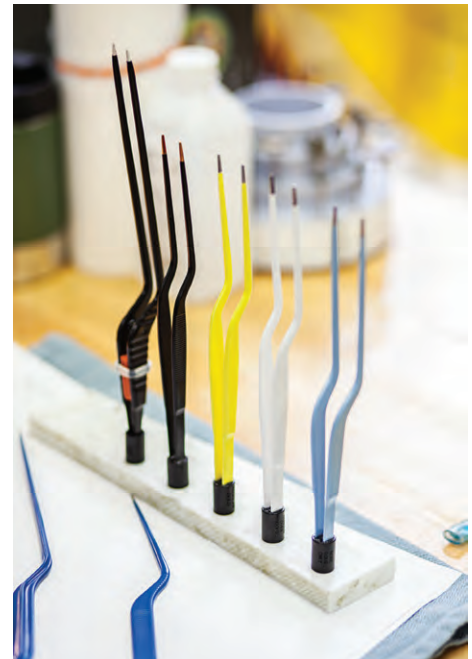
### We Know Instruments

As a premiere manufacturer of performance quality instruments for 150 years, Aesculap has the knowledge, expertise and craftsmanship to repair and maintain your surgical instruments with the same strict quality standards and components as those used in original instrument manufacturing. Aesculap is the only repair provider that combines the highest levels of service and response with the unmatched quality standards of an original manufacturer.

Your surgical instruments comprise a significant proportion of your medical facility's total assets. Aesculap understands the value of this investment. Our skilled craftsmen and trained instrument makers will refurbish your surgical instruments to "like new" condition, quickly and conveniently, using the same precision equipment in our repair facility that is used to manufacture these instruments in Tuttlingen, Germany. Factory spare parts give Aesculap the ability to repair your instrumentation with quality materials that match the original, thus protecting your instruments from contamination and corrosion. This protection can further reduce repairs, replacement costs and down time.

### Full Service Repairs

- General instruments
- Endoscopic instruments
- Powered instruments
- Rigid and Flexible Endoscopes
- Micro-Neuro instruments
- Cardiovascular instruments
- Visual systems
- SterilContainer™ systems
- and more



**For repairs and service,  
please contact:**

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### Aesculap Technical Service – ATS

St. Louis Distribution ^  
Technical Service Center  
615 Lambert Pointe Drive  
Hazelwood, MO 63042-2609  
800-214-3392

# IT & Supply Solutions



## Direct Part Marketing

Tracking your supplies down to the instrument level

- Laser etched, machine-readable data matrix contains the Global Trade Item Number (GTIN) and other required information for UDI compliance
- Traceability of instruments down to the individual patient
- Machine readable technology saves your technicians time
- Tracking of specialty one-of-a-kind or expensive instruments reduces loss
- All Aesculap instruments, size permitting, come with a data matrix label at no additional cost

## Procedural Cost Management Systems (PCMS)

Aesculap provides high quality surgical products and services to a facility on a fee per procedure basis.

- Provide new technology to your surgeons quickly and without capital investment
- Not only do you receive new instruments, but also the services that go towards maintaining the instruments for the life of your contract
- Optional on-site technician will process and assemble the instrument sets
- Ensures sets are ready every time, removing the worry of instrument readiness

Our sales representatives work with each surgical and processing team to analyze existing sets, procedure volumes, and costs. *PCMS* guarantees optimal results with high quality, professionally maintained instruments.



**For more information:**

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Please contact your Aesculap representative for further details or call Customer Service at **800-282-9000**

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DOC465 Rev N 1.75M 2/20