

Laparoscopic Instruments

Product Catalog



Aesculap Surgical Technologies – Endoscopy

AESCULAP[®]

*A member of the **B|BRAUN** group of companies.*

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History

Blending Old World Craftsmanship with Modern Technology



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 more than 140 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.

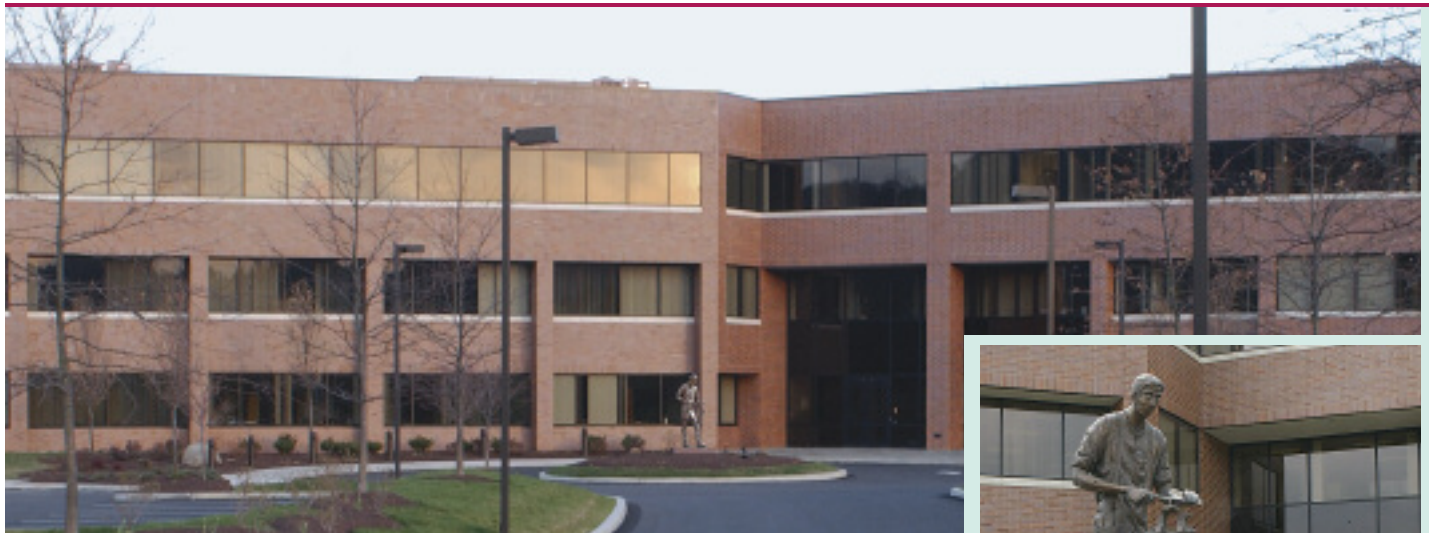
Aesculap's success derives from a history of:

- 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
- SterilContainers™
- Neuroendoscopy
- Aneurysm clips
- Power systems
- Ultrasonic aspiration
- Spinal implants
- Orthopaedics
- Per-procedure programs
- Repair services
- Consulting services

U.S. Headquarters



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.

Aesculap's Number One Core Value is simple: *CUSTOMERS COME FIRST.*

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

Aesculap, Inc.
3773 Corporate Parkway
Center Valley, PA 18034
Phone 800-258-1946
Fax 610-791-6880
www.aesculapusa.com

Customer Service:

Phone: 800-282-9000
Fax: 610-791-6886

The Worldwide Learning Experience



Aesculap Academy



The *Aesculap Academy* was established in 1995 to offer surgeons and medical experts the opportunity to exchange ideas about medical issues and discuss the latest techniques in theory and practice.

Designed as a Forum for Communication in Medicine, the *Aesculap Academy* has dedicated itself to facilitate an interdisciplinary dialogue to provide knowledge transfer from person to person.

Topics range from state-of-the-art medical practices to public health and scientific controversial issues.

Partnerships and associations with internationally recognized institutions guarantee a global focus on current medical topics.

The *Aesculap Academy* exists in more than 29 countries worldwide and will continue to grow. The Academy headquarters, or Aesculapium, is located in Tuttlingen Germany, and its U.S. facility is located in Center Valley, Pennsylvania.

For more information:

Call:
1-800-258-1946, Ext. 5223

or visit our website:
www.aesculap-academy.com



Intelligent Quality Solutions

Our Solutions – Your Success



Think Solutions. Think Aesculap.

Through Intelligent Quality Solutions we are able to share the expertise we've gained through decades of experience. It is our tradition of excellence and our commitment to sharing knowledge that has made Aesculap the partner of choice for top hospitals throughout the world. Let Aesculap help design an individual solution to meet your instrument management needs in the SPD and the OR.

Think Solutions. Think Aesculap.

Consulting Solutions

Technical Solutions

IT Solutions

Supply Solutions

Consulting Solutions

Quick Scan Analysis

An onsite assessment of your OR and Sterile Processing Department (SPD) to customize a solution that meets your strategic goals

- Offering you strategic recommendations for long-term process improvements
- Hands-on best practices and benchmark data provide immediate impact and real results

Inventory Analysis

A detailed analysis of your existing surgical instrument inventory by our team of technicians, nurses and instrument experts

- 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

Set Optimization Consulting

Having the right instruments in the right set for the right procedure

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



For more information:

Contact your Aesculap Sales Representative for more information on how these asset management programs can be implemented in your facility.

Intelligent Quality Solutions

Technical Solutions



Aesculap Technical Service (ATS)

is committed to ensuring quality performance throughout the life of every instrument. Aesculap's commitment to quality does not end after an instrument is purchased. With instrument repair and refurbishment services, you can be sure that every instrument functions properly and is available when you need it.

The highest performance is maintained through regular service and repair, keeping surgeons satisfied and improving patient care.

Skilled craftsman and trained instrument makers will refurbish your surgical instruments to "like new" condition, quickly and conveniently. Aesculap uses 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. This protects your instrument from contamination and corrosion, further reducing repair, replacement costs and down time.

ATS can repair general and endoscopic instruments, rigid and flexible endoscopes, and motors. For your convenience, we also service instruments from all major manufacturers.

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

Aesculap Technical Service – ATS

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



Full Service Repairs

- General instruments
- Endo instruments
- Powered instruments
- Endoscopes
- Micro-Neuro instruments
- Cardiovascular instruments
- Visual systems
- SterilContainer® system

Enhancements

- Gold dipping
- Diamond dusting
- Color coating
- Custom modifications
- Etching
- Re-insulation

Refurbishment

- Single instruments
- Complete sets

Capitated and Risk Sharing Programs

- Reduce operating expenses
- Improve resource management
- Simplify the budgeting process



*For more information, please contact
ATS at 800-214-3392*

Intelligent Quality Solutions

IT Solutions



Instrument Management System

Instacount™ instrument tracking system puts critical information at your fingertips.

instacount PLUS is a comprehensive instrument management system that addresses the asset management needs of sterile processing departments. The use of barcode technology allows for easy, accurate and immediate execution of many workflow processes. The software is designed to reside on a hospital server and interface with a network of computers. Comprehensive reporting options allow managers to make critical business decisions based on accurate, real-time data.

- Tracks location of instrument set/item
- Verifies sterilization type/parameters and load tracking
- Monitors staff productivity

UNICOS/Data Matrix

Tracking your supplies down to the instrument level

- 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 reduce loss
- All Aesculap instruments, size permitting, come with a data matrix label at no additional cost



For more information:

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



Intelligent Quality Solutions

Supply Solutions



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.



ReadyCaseSM

The Only Comprehensive Per Procedure Program



ReadyCaseSM

The *ReadyUseSM* is an innovative surgical supply and instrument delivery system that will change the way your OR operates. This comprehensive service includes daily delivery of instrument sets, reusable surgical packs, disposable accessory packs and single sterile items on a per-procedure basis. The sets are customized to meet individual surgical needs.

ReadyCaseSM can help your facility solve hospital Operating Room and Central Sterile issues:

- Significantly reduce procedure costs
- Eliminate repair and maintenance of instruments
- Decrease in-house sterile processing demands
- Reduce operating room set up and turnaround time
- Obtain quality surgical instrumentation without capital expense

For more information:

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

ReadyCaseSM is a service mark of SRI Surgical.

Laparoscopic Instruments



Scissors, Graspers, Dissectors – Modular System



QUICK-SNAP™ Laparoscopic Instruments

Aesculap's SOVEREIGN® line of instruments for minimally invasive surgery combines precision craftsmanship with modern materials and design.

Optional Handles for Customizing Instruments – Interchangeable for 5 mm and 10 mm instruments

SOVEREIGN® QUICK-SNAP™ design



PO958R (Non-Ratchet)



PO959R (Ratchet)

Insulated metal design



PM950R (Non-Ratchet)





















PM951R (Ratchet)

Axial design



PM953R (In-Line)

Instruments may be ordered COMPLETE or assembled from COMPONENTS ordered separately

		COMPONENTS			
COMPLETE INSTRUMENT		JAW INSERT	INSULATED OUTER TUBES	STANDARD HANDLE	OPTIONAL HANDLES
	1/1 PO001R Hook Scissors, 5 mm, 31 cm	PO600R	PM973R		
	PO025R Hook Scissors, 5 mm, 42 cm	PO744R	PM981R		
	1/1 PO003R Micro-Dissecting Scissors, 5 mm, 31 cm	PO602R	PM973R		
	Order by component Micro-Dissecting Scissors, 5 mm, 42 cm	PO745R	PM981R		
	1/1 PO004R Metzenbaum Scissors, serrated, Tungsten Carbide inserts, 5 mm, 31 cm	PO603R	PM973R		
	PO027R Metzenbaum Scissors, serrated, Tungsten Carbide inserts, 5 mm, 42 cm	PO746R	PM981R		
	1/1 PM015R Metzenbaum Scissors, insulated to tip, Tungsten Carbide Inserts, 5 mm, 31 cm	PM697R	PM973R		

SOVEREIGN® QUICK-SNAP™ design



PO958R (Non-Ratchet)



PO959R (Ratchet)

Insulated metal design



PM950R (Non-Ratchet)



PM951R (Ratchet)

Axial design



PM953R (In-Line)

Instruments may be ordered COMPLETE or assembled from COMPONENTS ordered separately

		COMPLETE INSTRUMENT	COMPONENTS			
			JAW INSERT	INSULATED OUTER TUBES	STANDARD HANDLE	OPTIONAL HANDLES
	1/1	PO090R Premium Metzenbaum Scissors, 5 mm, 31 cm	P0790R	PM973R		
	1/1	PO002R Peritoneal Scissors, serrated, 5 mm, 31 cm	P0601R	PM973R		
	1/1	PO006R Peritoneal Scissors, serrated, 5 mm, 31 cm	P0625R	PM973R		
	1/1	PO011R Baby Metzenbaum Scissors, serrated, Tungsten Carbide inserts, 5 mm, 31 cm	P0655R	PM973R		
		PO028R Baby Metzenbaum Scissors, serrated, Tungsten Carbide inserts, 5 mm, 42 cm	P0754R	PM981R		
	1/1	PM016R Baby Metzenbaum Scissors, insulated to tip, Tungsten Carbide inserts, 5 mm, 31 cm	PM698R	PM973R		
	1/1	PO091R Premium Baby Metzenbaum Scissors, 5 mm, 31 cm	P0791R	PM973R		

Scissors, Graspers, Dissectors – Modular System

SOVEREIGN® QUICK-SNAP™ design



P0958R (Non-Ratchet)



P0959R (Ratchet)

Insulated metal design



PM950R (Non-Ratchet)


















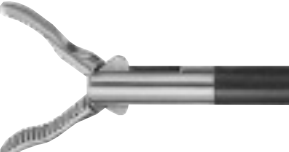



































PM951R (Ratchet)

Axial design



PM953R (In-Line)

Instruments may be ordered COMPLETE or assembled from COMPONENTS ordered separately

		COMPLETE INSTRUMENT	COMPONENTS			
			JAW INSERT	INSULATED OUTER TUBES	STANDARD HANDLE	OPTIONAL HANDLES
	1/1	P0022R CROCE/OLMI Dissecting and Suture Scissors with Knot Pusher, 5 mm, 31 cm	P0727R	PM973R		
	1/1	P0550R Durogrip TC Needle Holder, straight, 5mm, 31cm	P0628R	PM973R		   
	1/1	P0559R Durogrip TC Needle Holder, curved, 5mm, 31cm	P0668R	PM973R		   
	1/1	P0101R Atraumatic Fixation Forceps, serrated, 5 mm, 31 cm	P0607R	PM973R		   
		P0199R Atraumatic Fixation Forceps, serrated, 5 mm, 42 cm	P0747R	PM981R		   
	1/1	P0129R Tubal Fixation Forceps, 5 mm, 31 cm	P0645R	PM973R		   
		P0200R Tubal Fixation Forceps, 5 mm, 42 cm	P0748R	PM981R		   
	1/1	P0210R Oval Grasper, 5 mm, 31 cm	P0763R	PM973R		   
		P0207R Oval Grasper, 5 mm, 42 cm	P0760R	PM981R		   

SOVEREIGN® QUICK-SNAP™ design



PO958R (Non-Ratchet)



PO959R (Ratchet)

Insulated metal design



PM950R (Non-Ratchet)



















PM951R (Ratchet)

Axial design



PM953R (In-Line)

Instruments may be ordered COMPLETE or assembled from COMPONENTS ordered separately

		COMPONENTS			
COMPLETE INSTRUMENT		JAW INSERT	INSULATED OUTER TUBES	STANDARD HANDLE	OPTIONAL HANDLES
	1/1	PO211R Curved Grasper, 5 mm, 31 cm	PO764R	PM973R	
		PO208R Curved Grasper, 5 mm, 42 cm	PO761R	PM981R	
	1/1	PO149R Fixation Forceps, fenestrated, 5 mm, 31 cm	PO680R	PM973R	
		PO206R Fixation Forceps, fenestrated, serrated, 5 mm, 31 cm	PO758R	PM973R	
	1/1	PO100R Atraumatic Dissecting Forceps, fine tip, 5 mm, 31 cm	PO605R	PM973R	
	1/1	PO102R Maryland Dissecting Forceps, 5 mm, 31 cm	PO608R	PM973R	
		PO202R Maryland Dissecting Forceps, 5 mm, 42 cm	PO752R	PM981R	
	1/1	PM165R Maryland Dissecting Forceps, insulated to tip, 5 mm, 31 cm	PM699R	PM973R	
	1/1	PO218R Crile Dissecting Forceps, Curved, 5 mm, 31 cm	PO771R	PM973R	
		PO213R Crile Dissecting Forceps, Curved, 5 mm, 37 cm	PO766R	PM976R	

Scissors, Graspers, Dissectors – Modular System

SOVEREIGN® QUICK-SNAP™ design



PO958R (Non-Ratchet)



PO959R (Ratchet)

Insulated metal design



PM950R (Non-Ratchet)



PM951R (Ratchet)

Axial design



PM953R (In-Line)

Instruments may be ordered COMPLETE or assembled from COMPONENTS ordered separately

		COMPONENTS			
COMPLETE INSTRUMENT		JAW INSERT	INSULATED OUTER TUBES	STANDARD HANDLE	OPTIONAL HANDLES
	1/1	PO661R	PM975R		
	1/1	PO606R	PM975R		
	1/1	PO784R	PM973R		
	1/1	PO730R	PM973R		
	1/1	PO678R	PM973R		
	1/1	PO667R	PM973R		

SOVEREIGN® QUICK-SNAP™ design



PO958R (Non-Ratchet)



PO959R (Ratchet)

Insulated metal design



PM950R (Non-Ratchet)













PM951R (Ratchet)

Axial design



PM953R (In-Line)

Instruments may be ordered COMPLETE or assembled from COMPONENTS ordered separately

		COMPONENTS			
COMPLETE INSTRUMENT		JAW INSERT	INSULATED OUTER TUBES	STANDARD HANDLE	OPTIONAL HANDLES
	1/1 PO214R Duck Bill Blunt Grasper, 5 mm, 37 cm	P0767R	PM976R		   
	1/1 PO190R Bullet Nose Grasper, 5 mm, 31 cm	P0735R	PM973R		   
	PO203R Bullet Nose Grasper, 5 mm, 42 cm	P0753R	PM981R		   
	1/1 PO107R Aggressive Grasping Forceps, 5 mm, 31 cm	P0613R	PM973R		   
	1/1 PO109R Alligator Grasping Forceps, 5 mm, 31 cm	P0615R	PM973R		   
	1/1 PO216R Bowel Grasping Forceps, 20 mm Jaw, 5 mm, 31 cm	P0769R	PM973R		   
	PO217R Bowel Grasping Forceps, 20 mm Jaw, 5 mm, 42 cm	P0770R	PM981R		   
	1/1 PO112R Dorsey Intestinal Forceps, 40 mm Jaw, 5 mm, 31 cm	P0618R	PM973R		   
	PO204R Dorsey Intestinal Forceps, 40 mm Jaw, 5 mm, 42 cm	P0755R	PM981R		   

Scissors, Graspers, Dissectors – Modular System

SOVEREIGN® QUICK-SNAP™ design



P0958R (Non-Ratchet)



P0959R (Ratchet)

Insulated metal design



PM950R (Non-Ratchet)















PM951R (Ratchet)

Axial design



PM953R (In-Line)

Instruments may be ordered COMPLETE or assembled from COMPONENTS ordered separately

		COMPLETE INSTRUMENT	COMPONENTS			
			JAW INSERT	INSULATED OUTER TUBES	STANDARD HANDLE	OPTIONAL HANDLES
	1/1	P0191R Universal Grasper, Fenestrated 5 mm, 31 cm	P0736R	PM973R		   
	1/2	P0215R Glassman Clamping Forceps, 60 mm Jaw, 10 mm, 31 cm	P0768R	PM974R		   
	1/2	P0118R DeBakey Atraumatic Forceps, 50 mm Jaw, 10 mm, 37 cm	P0624R	PM977R		   
	1/1	P0137R DeBakey Atraumatic Forceps, 50 mm Jaw, 5 mm, 42 cm	P0657R	PM981R		   
	1/1	P0113R Babcock Grasping Forceps, Single Action, 5 mm, 31 cm	P0619R	PM973R		   
	1/1	P0212R Babcock Grasping Forceps Double Action, 5 mm, 31 cm	P0765R	PM973R		   
		P0209R Babcock Grasping Forceps, Double Action, 5 mm, 42 cm	P0762R	PM981R		   

SOVEREIGN® QUICK-SNAP™ design



PO958R (Non-Ratchet)



PO959R (Ratchet)

Insulated metal design



PM950R (Non-Ratchet)

















































PM951R (Ratchet)

Axial design



PM953R (In-Line)

Instruments may be ordered COMPLETE or assembled from COMPONENTS ordered separately

		COMPONENTS			
COMPLETE INSTRUMENT		JAW INSERT	INSULATED OUTER TUBES	STANDARD HANDLE	OPTIONAL HANDLES
	1/1 PO114R Babcock Grasping Forceps, Single Action, 10 mm, 31 cm	P0620R	PM974R		   
	PO205R Babcock Grasping Forceps, Single Action, 10 mm, 42 cm	P0757R	PM982R		   
	1/2 PO196R Babcock Grasping Forceps, Double Action, 10 mm, 37 cm	P0741R	PM977R		   
	1/1 PO117R Claw Grasper, 2 x 3 teeth, 10 mm, 31 cm	P0623R	PM974R		   
	1/1 PO104R Allis Atraumatic Grasping Forceps, 5 mm, 31 cm	P0610R	PM973R		   
	1/1 PO111R Allis Grasping Forceps, 5 mm, 31 cm	P0617R	PM973R		   
	1/1 PO128R Universal Grasping Forceps, Fenestrated 5 mm, 31 cm	P0647R	PM973R		   
	PO229R Universal Grasping Forceps, Fenestrated 5 mm, 42 cm	P0783R	PM981R		   

Scissors, Graspers, Dissectors – Modular System

SOVEREIGN® QUICK-SNAP™ design



PO958R (Non-Ratchet)



PO959R (Ratchet)

Insulated metal design



PM950R (Non-Ratchet)



PM951R (Ratchet)

Axial design



PM953R (In-Line)

Instruments may be ordered COMPLETE or assembled from COMPONENTS ordered separately

		COMPONENTS			
COMPLETE INSTRUMENT		JAW INSERT	INSULATED OUTER TUBES	STANDARD HANDLE	OPTIONAL HANDLES
	1/1 PO132R Grasping Forceps, 2 x 4 teeth, serrated, 5 mm, 31 cm	PO648R	PM973R		
	PO201R Grasping Forceps, 2 x 4 teeth, serrated, 5 mm, 42 cm	PO749R	PM981R		
	1/1 PO134R Grasping Forceps, fine-toothed, non-serrated, 5 mm, 31 cm	PO650R	PM973R		
	1/1 PO105R Heywood-Smith Tissue Forceps, fenestrated, 10 mm, 31 cm	PO611R	PM975R		
	1/1 PO130R Atraumatic Grasping Forceps, fenestrated, 5 mm, 31 cm	PO646R	PM973R		
	1/1 PO221R Fundus Grasper, 5 mm, 31 cm,	PO774R	PM973R		
	PO230R Fundus Grasper, 5 mm, 42 cm,	PO782R	PM981R		
	1/1 PO222R Short Fenestrated Grasper, 5 mm, 31 cm	PO775R	PM973R		
	PO223R Short Fenestrated Grasper, 5 mm, 42 cm	PO776R	PM981R		

SOVEREIGN® QUICK-SNAP™ design



PO958R (Non-Ratchet)



PO959R (Ratchet)

Insulated metal design



PM950R (Non-Ratchet)



PM951R (Ratchet)

Axial design



PM953R (In-Line)

Instruments may be ordered COMPLETE or assembled from COMPONENTS ordered separately

		COMPLETE INSTRUMENT	COMPONENTS			
			JAW INSERT	INSULATED OUTER TUBES	STANDARD HANDLE	OPTIONAL HANDLES
	1/1	PO224R Tenaculum Forceps 5 mm, 31 cm	P0777R	PM973R		
		PO225R Tenaculum Forceps 10 mm, 31 cm	P0778R	PM974R		
	1/1	PO500R Large Biopsy Spoon Forceps, 10 mm, 31 cm	P0705R	PM974R		
	1/1	PO501R Biopsy Forceps, Cup, fenestrated, 5 mm, 31 cm	P0626R	PM973R		
		PO509R Biopsy Forceps, Cup, fenestrated, 5 mm, 42 cm	P0750R	PM981R		
	1/1	PO502R Biopsy Forceps, Box, 5 mm, 31 cm	P0627R	PM973R		
		PO512R Biopsy Forceps, Box, 5 mm, 42 cm	P0759R	PM981R		
	1/1	PO505R Biopsy Forceps, with teeth, 5 mm, 31 cm	P0652R	PM973R		
		PO511R Biopsy Forceps, with teeth, 5 mm, 42 cm	P0756R	PM981R		
	1/1	PO510R Biopsy Forceps, Hook, 5 mm, 42 cm	P0751R	PM981R		

Scissors, Graspers, Dissectors – Modular System

SOVEREIGN® QUICK-SNAP™ design



PO958R (Non-Ratchet)



PO959R (Ratchet)

Insulated metal design



PM950R (Non-Ratchet)











PM951R (Ratchet)

Axial design



PM953R (In-Line)

Instruments may be ordered COMPLETE or assembled from COMPONENTS ordered separately

		COMPONENTS		
ORDER BY COMPONENT		JAW INSERT	INSULATED OUTER TUBES	OPTIONAL HANDLES
	1/1 Atraumatic Parenchyma Fixation Forceps, 5 mm, 31 cm	PM609R	PM973R	
	1/1 Dissecting Forceps, delicate, 5 mm, 31 cm	PM614R	PM973R	
	1/1 Pike Mouth Aggressive Grasper, 10 mm, 31 cm	PM621R	PM974R	
	1/1 Large Metzenbaum Scissors, TC, serrated 10 mm, 31 cm	PM604R	PM974R	

SOVEREIGN® QUICK-SNAP™ design

PO958R (Non-Ratchet)













PO959R (Ratchet)
Insulated metal design

PM950R (Non-Ratchet)

PM951R (Ratchet)
Axial design

PM953R (In-Line)

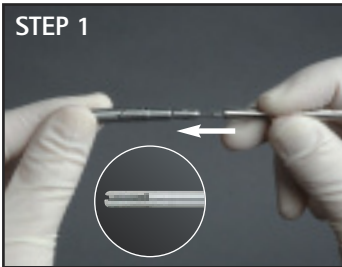
Instruments may be ordered COMPLETE or assembled from COMPONENTS ordered separately

		COMPONENTS		
ORDER BY COMPONENT		JAW INSERT	INSULATED OUTER TUBES	OPTIONAL HANDLES
	1/2 Endo Lymph Node Fixation Forceps, 10 mm, 31 cm	PM688R	PM974R	 
	1/2 Pennington Tissue Grasping Forceps, 10 mm, 37 cm	PM679R	PM977R	 
	1/2 Duval Atraumatic Fixation Forceps, 10 mm, 37 cm	PM612R	PM977R	 
	1/2 DeBakey Atraumatic Forceps, 40 mm Jaw, 5 mm, 31 cm	PM657R	PM973R	 

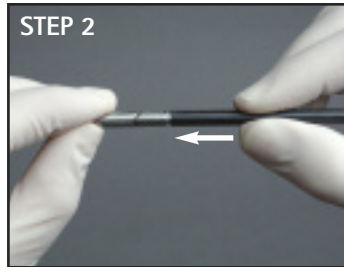
Scissors, Graspers, Dissectors – Modular System

Aesculap Sovereign® Laparoscopic Instruments Instructions for quick and easy assembly and disassembly For use with PM950R and PM951R, insulated metal handles

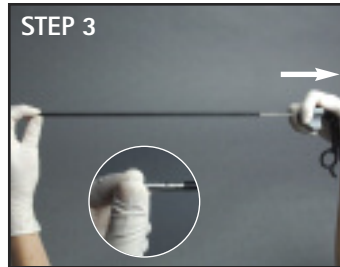
ASSEMBLY



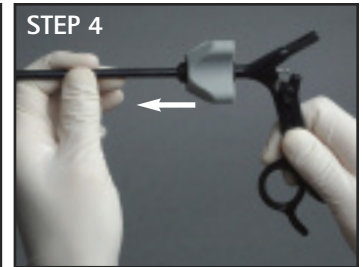
Slide the inner metal tube onto the jaw insert with its four spring tongues towards the working end until the tongues snap into place.



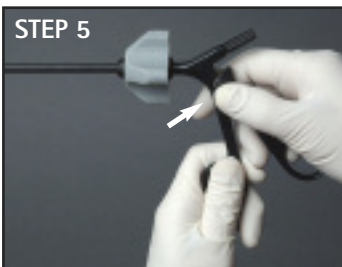
Slide the outer insulation tube as far as it will go over the inner metal tube.



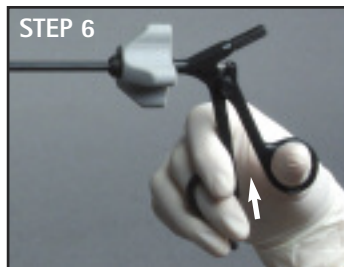
Hold the shaft firmly by its tip and pull back the handle rotation knob with fingers and maintain hold. Fully insert the shaft and release rotation knob.



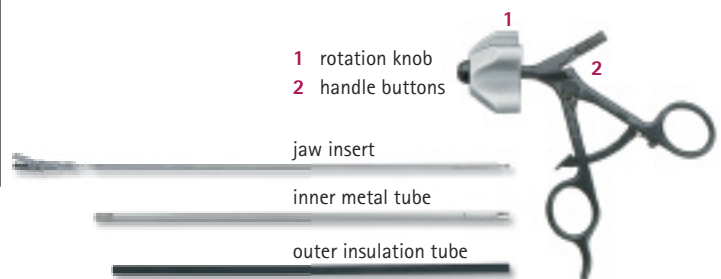
Test that the instrument is secured in the handle by pulling on the shaft. If shaft pulls out of handle, then repeat step 3 and step 4.



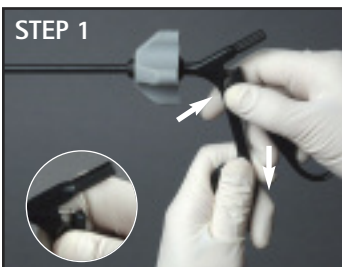
Connect handle with jaw insert ball joint by depressing the black buttons on both sides of handle, continue to depress and lift rear ring of handle under ball joint of jaw insert until captured by handle. Release buttons.



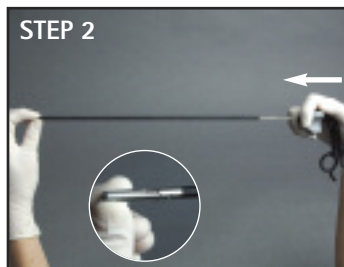
Test instrument by opening and closing handle to verify that the jaw has been inserted properly.



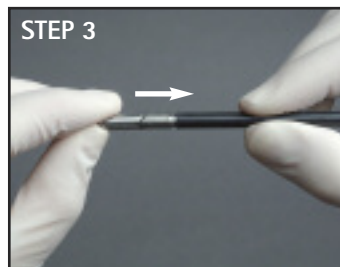
DISASSEMBLY



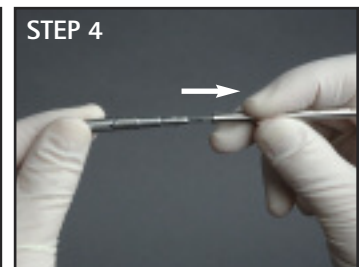
Depress black buttons on both sides of handle, continue to depress, pull rear ring down to release ball of jaw insert. Release buttons.



Pull back rotation knob and pull out shaft with other hand. Release rotation knob.



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



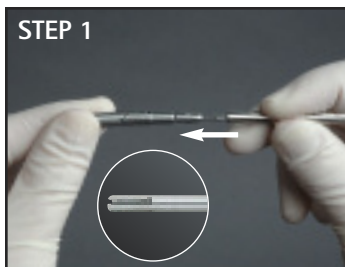
Hold the jaw insert at the tip and remove the inner metal tube.

Aesculap Sovereign® Laparoscopic Instruments

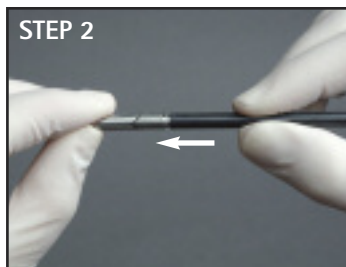
Instructions for quick and easy assembly and disassembly

For use with QUICK-SNAP™ P0958R and P0959R handles

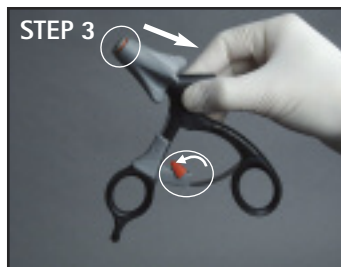
ASSEMBLY



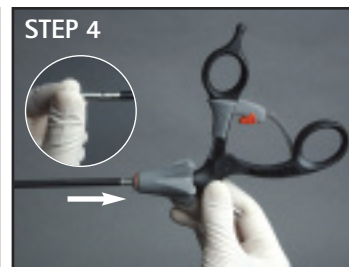
Slide the inner metal tube onto the jaw insert with its four spring tongues towards the working end until the tongues snap into place.



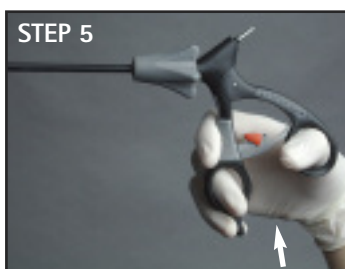
Slide the outer insulation tube as far as it will go over the inner metal tube.



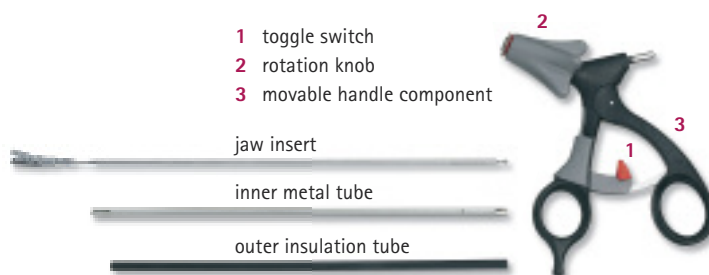
If the red ring is not visible, pull the rotation knob back. If you are using the ratchet style handle, deactivate ratchet by flipping down the red toggle switch.



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.



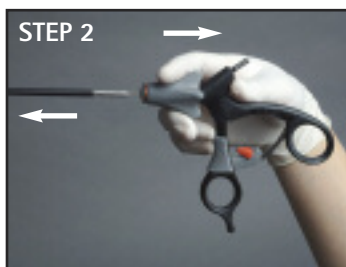
Test the assembly of the instrument by opening and closing the handle to ensure the jaw is opening and closing.



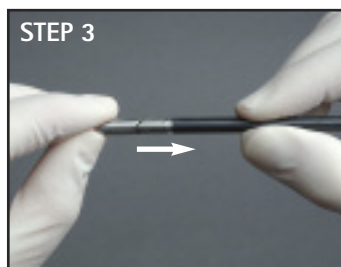
DISASSEMBLY



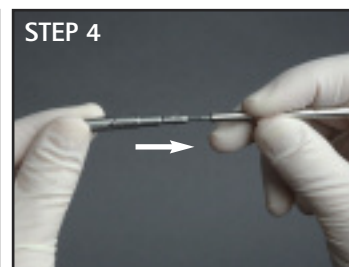
If ratchet style handle, deactivate ratchet by flipping down red toggle switch.



Pull 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.



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



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

Scissors, Graspers, Dissectors – Modular System

MODULAR INSTRUMENT SPARE PARTS

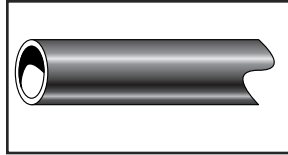
Insulated Outer Tubes



PM973R 5 mm, 31 cm

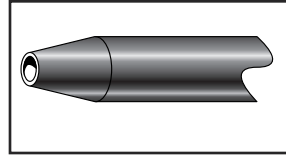
PM976R 5 mm, 37 cm

PM981R 5 mm, 42 cm



PM974R 10 mm, 31 cm

PM982R 10 mm, 42 cm



PM975R 5/10 mm, 31 cm

PM978R 5/10 mm, 37 cm



PM977R 10 mm, 37 cm

P0950400 Cautery Pin for PO handles, 5 pkg.

PL170251 Cautery Pin for PM handles, 5 pkg.

PM950250 Rotation Knobs for PM instruments, grey, 5 pkg.

GK246 Disposable Monopolar Cable, 12 ft.

GK245 Reusable Monopolar Cable, ERBE T 4 mm diam., 12 ft.

US354 Reusable Monopolar Cable, VALLEYLAB, CONMED, BIRCHER, BOVIE, ERBE ICC, 4 mm diam., 10 ft.

GK469R Cleaning Brush, 3.7 mm diam. for Inner Tube and Outer Tube, 5 mm diam., 12 pkg.

PM995R Cleaning Brush, 10 mm diam., 6 pkg.

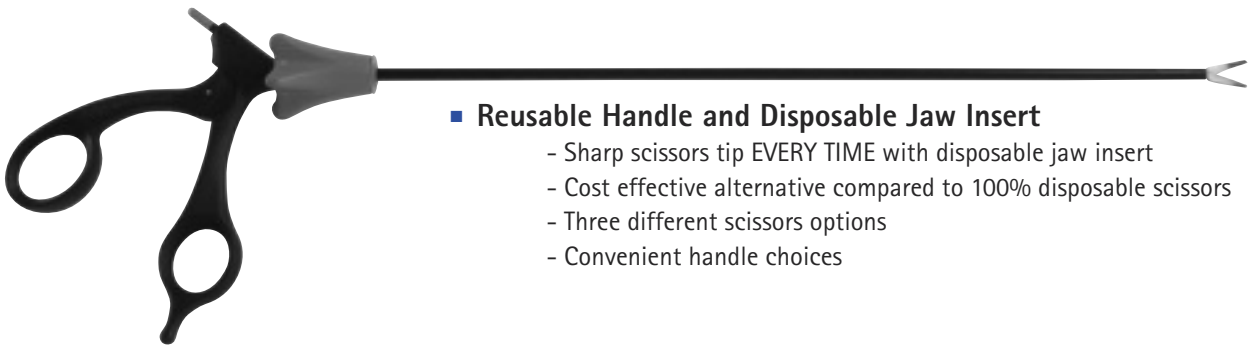
PM600201 Inner Metal Tube, 31 cm

PM618201 Inner Metal Tube, 37 cm








PM434201 Inner Metal Tube, 42 cm

Reusable Scissors

SOVEREIGN® Reusable Scissors



- **Reusable Handle and Disposable Jaw Insert**
 - Sharp scissors tip EVERY TIME with disposable jaw insert
 - Cost effective alternative compared to 100% disposable scissors
 - Three different scissors options
 - Convenient handle choices

	ITEM NO.	DESCRIPTION
	PO885SU	Disposable Slightly Curved Metzenbaum Scissors Jaw Insert, 5 mm, 31 cm, 10 per box
	PO886	Disposable Hook Scissors Jaw Insert, 5 mm, 31 cm, 10 per box
	PO887	Disposable Mini-Metz Scissors, 5 mm, 31 cm, 10 per box
	PO888	Disposable Metzenbaum Scissors Jaw Insert, 5 mm, 31 cm, 10 per box
	PO889	Disposable Metzenbaum Scissors Jaw Insert, 5 mm, 42 cm, 10 per box
	PO958R	Quick-Snap™ Handle
	PM950R	Insulated Metal Handle

Monopolar Electrodes

Modular Monopolar Electrode System

QUALITY – German craftsmanship and design

DURABILITY – PEEK* insulation is resistant to cracks, peeling, shrinkage and malformations

MODULARITY – Exchange of tips and replacements as needed

ENHANCED SAFETY – Ceramic insulation to the working tip provides controlled energy delivery

SYSTEM COMPONENTS



Monopolar Handle – Complete instrument includes both Outer Tube and Inner Tube.

GK372R 5 mm diameter, 33 cm working length

GK374R 5 mm diameter, 42 cm working length



Outer Tube

GK370P 5 mm, 33 cm

GK376P 5 mm, 42 cm



Inner Tube and Handle

GK373R 5 mm, 33 cm

GK375R 5 mm, 42 cm

MONOPOLAR ELECTRODE TIPS



GK383R Ceramic Electrode Tip, J-Hook



GK384R Ceramic Electrode Tip, L-Hook



GK385R Button Electrode Tip



GK386R Spatula Electrode Tip

REUSABLE MONOPOLAR CABLES



GK245 ERBE T Reusable Monopolar Cable, 4 mm diameter, 12 ft.



US354 VALLEYLAB, CONMED, BIRCHER, BOVIE, ERBE ICC Reusable Monopolar Cable, 4 mm diameter, 10 ft.

SPARE PARTS

PL170223 Contact Pin for HF Connection

GK299 Wire brush for cleaning the working tips

* PEEK = polyether-etherketone

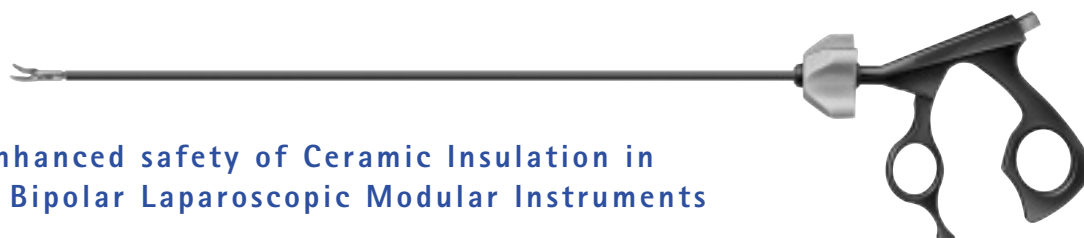
Suturing









INTRACORPOREAL		31 CM	37 CM	42 CM
	1/1 Durogrip TC Needle Holder, straight, 5 mm	PL407R	PL404R	PL416R
	1/1 Durogrip TC Needle Holder, curved left, 5 mm	PL408R	PL405R	PL417R
	1/1 Durogrip TC Needle Holder, curved right, 5 mm	PL413R	PL415R	
	1/1 "The Viper" Durogrip TC Suture Assistant / Needle Holder, 2 x 3 teeth, 5 mm	PL409R		
	1/1 Super Righting Needle Holder, 5 mm	PL414R		
	1/1 Durogrip TC Needle Holder, Fenestrated, 5 mm	PL410R		
	1/1 Durogrip TC Needle Holder, Crimped/Fenestrated, 5 mm	PL411R		
EXTRACORPOREAL				
	1/1 CROCE/OLMI Dissecting and Suture Scissors with Knot Pusher, 5 mm	PO022R		
	1/1 *Knot Pushing/Knot Tightening Forceps, 5 mm	PM654R PM973R PO958R		Jaw Insert Outer Tube Handle
	Knot Pusher, 5 mm, 33 cm	PL651R		
	Knot Pusher, 5 mm, 33 cm	PL432R		

* Instrument sold by component

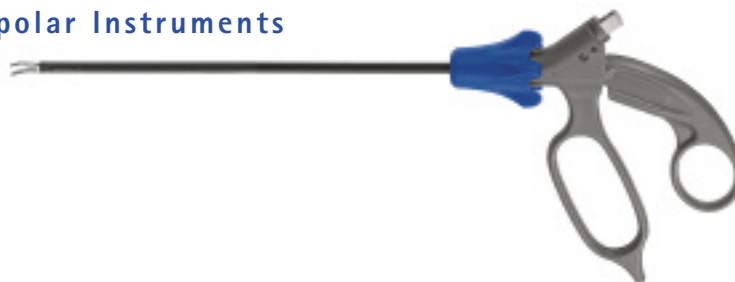
Bipolar Instruments





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





	COMPLETE INSTRUMENT	JAW INSERT	COMPONENTS	
			INSULATED OUTER TUBES	STANDARD HANDLE
	1/1 PM400R Bipolar Metzenbaum Scissors, 5 mm, 31 cm	PM430R	PM973R	PM450R
	PM404R Bipolar Metzenbaum Scissors, 5 mm, 42 cm	PM434R	PM981R	PM450R
	1/1 PM407R Bipolar Mini Metzenbaum Scissors, 5 mm, 31 cm	PM437R	PM973R	PM450R
	1/1 PM401R Bipolar Maryland Dissector, 5 mm, 31 cm	PM431R	PM973R	PM450R
	PM405R Bipolar Maryland Dissector, 5 mm, 42 cm	PM435R	PM981R	PM450R
	1/1 PM408R Bipolar Maryland Dissector, fenestrated 5 mm, 31 cm	PM438R	PM973R	PM450R
	PM415R Bipolar Maryland Dissector, fenestrated 5 mm, 42 cm	PM445R	PM981R	PM450R
	1/1 PM402R Bipolar Micro Forceps, 5 mm, 31 cm	PM432R	PM973R	PM450R
	1/1 PM403R Bipolar Macro Forceps, 5 mm, 31 cm	PM433R	PM973R	PM450R
	PM406R Bipolar Macro Forceps, 5 mm, 42 cm	PM436R	PM981R	PM450R

Disposable Bipolar Instruments



	ITEM NO.	DISPOSABLE BIPOLAR SCISSORS
	PL700	Metzenbaum Scissors, 5 mm, 31 cm, Six Single Sterile Scissors per Box
	PL701	Maryland Grasping Forceps, 5 mm, 31 cm, Six Single Sterile Graspers per Box

BIPOLAR CABLES & ACCESSORIES

	GN073	Bipolar Cable for Aesculap, Wolf, Martin, Berchtold, 12 ft.
	GK281	4 m length, suitable for units like: Aesculap, BOWA, EMC, Lamidey, Söring, Valleylab, 28.6 mm Pin Distance
	GK282	4 m length, suitable for units like: Codman CMC II, CMC III, 38 mm Pin Distance
	US349SP	Bipolar Cable for Valleylab, Conmed, Bovie, 12 ft. (Disposable, Single-use - 10 units/box)




GK216 Cable for Erbe

GK217 Cable for Codman

GK299 Wire Brush for cleaning jaws



Classic "Kleppinger-Style" Forceps for Tubal Ligation

	ITEM NO.	CLASSIC BIPOLAR TUBAL FORCEPS
	MF970 MF980	32 cm, Syringe Handle Forceps 45 cm, Syringe Handle Forceps
	MF975 MF985	32 cm, Scissors Handle Forceps 45 cm, Scissors Handle Forceps
	MF971 MF981	32 cm, Jaw Insert Only 45 cm, Jaw Insert Only
	MF966	Reusable Cable for Wolf Generator
	MF967	Reusable Cable for Valley Lab Generator

Specialty-Locking Graspers

Aesculap Slide-Lock Graspers

- Single- and double-action models
- Atraumatic and retraction jaw patterns
- Flush ports for optimal cleaning
- Excellent tissue grasping properties

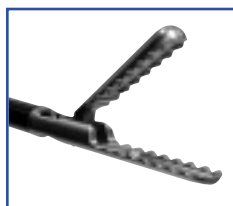
ITEM NO.	DESCRIPTION	HANDLE	SHAFT
PL048R	Sovereign Atraumatic Grasper, single action, 5 mm, 42 cm	Slide Lock	Non-Rotatable
PL049R	Sovereign Atraumatic Grasper, double action, 5 mm, 42 cm	Slide Lock	Rotatable
PL054R	Sovereign Atraumatic Grasper, single action, 5 mm, 36 cm	Slide Lock	Non-Rotatable
PL055R	Sovereign Atraumatic Grasper, double action, 5 mm, 36 cm	Slide Lock	Rotatable
PL056R	Sovereign Retraction Grasper, single action, 5 mm, 36 cm	Slide Lock	Non-Rotatable
PL057R	Sovereign Retraction Grasper, double action, 5 mm, 36 cm	Slide Lock	Rotatable
8360-00	Prestige Atraumatic Grasper, single action, 5 mm, 36 cm	Slide Lock	Non-Rotatable
8360-10	Prestige Atraumatic Grasper, double action, 5 mm, 36 cm	Slide Lock	Rotatable
8361-00	Prestige Retraction Grasper, single action, 5 mm, 36 cm	Slide Lock	Non-Rotatable
8361-10	Prestige Retraction Grasper, double action, 5 mm, 36 cm	Slide Lock	Rotatable



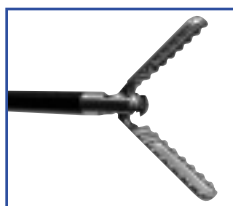
Sovereign® Graspers



Prestige™ Graspers



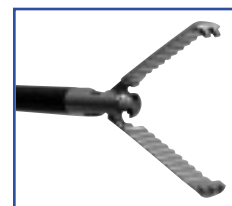
Sovereign PL048R/54R
Prestige 8360-00



Sovereign PL049R/55R
Prestige 8360-10



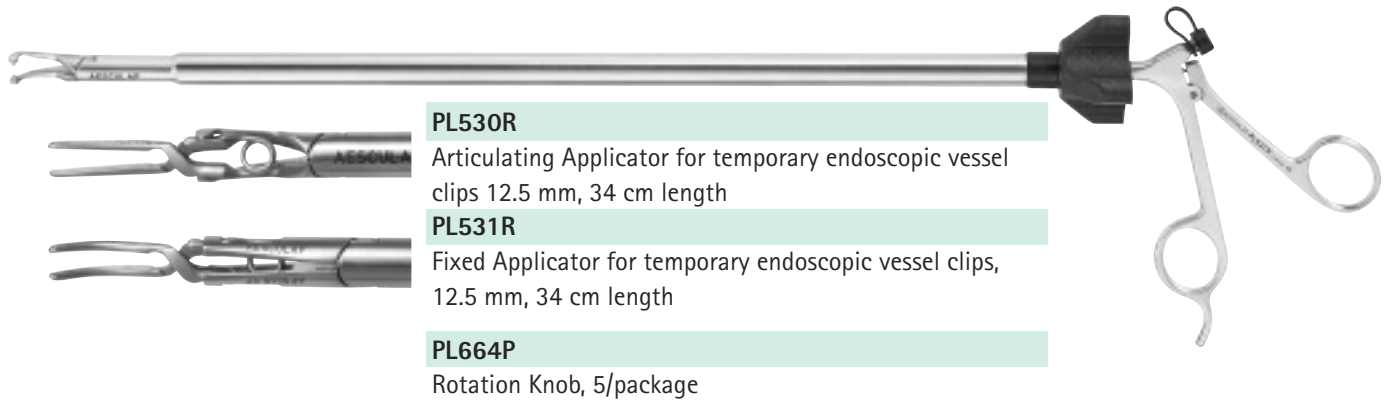
Sovereign PL056R
Prestige 8361-00



Sovereign PL057R
Prestige 8361-10

Specialty Instruments Sets – Advanced Procedure

LAPAROSCOPIC VASCULAR CONTROL INSTRUMENTS



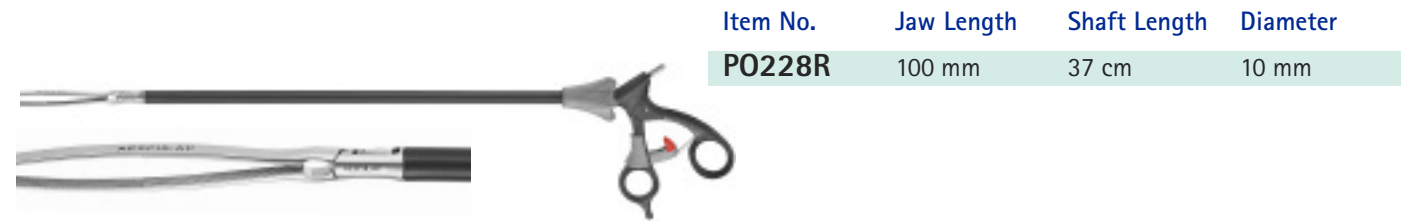
- PL530R**
Articulating Applicator for temporary endoscopic vessel clips 12.5 mm, 34 cm length
- PL531R**
Fixed Applicator for temporary endoscopic vessel clips, 12.5 mm, 34 cm length
- PL664P**
Rotation Knob, 5/package

Atraumatic Endo Vessel Clips (for temporary occlusion)

		CLOSING FORCE	JAW LENGTH	JAW SHAPE
	PL544S	350 g	25 mm	short/straight
	PL545S	450 g	45 mm	long/straight
	PL548S	350 g	25 mm	short/curved
	PL549S	450 g	45 mm	long/curved

KIDNEY CLAMP

SIMON RENAL POLE CLAMP



Item No.	Jaw Length	Shaft Length	Diameter
PO228R	100 mm	37 cm	10 mm

Specialty Instruments Sets – Advanced Procedure

Optional Handles for Customizing Instruments – Interchangeable for 5 mm and 10 mm instruments



PO958R (Non-Ratchet)



PO959R (Ratchet)



PM950R (Non-Ratchet)



PM951R (Ratchet)



PM953R (In-Line)

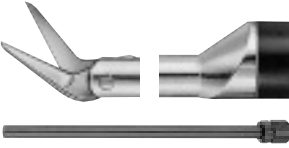





































PM954R (Ratchet)



PM957R (Ratchet)
with lock

Instruments may be ordered COMPLETE or assembled from COMPONENTS ordered separately

	COMPLETE INSTRUMENT	COMPONENTS			
		JAW INSERT	INSULATED OUTER TUBES	STANDARD HANDLE	OPTIONAL HANDLES
	PO014R Potts-DeMartell Scissors, 10 mm, 31 cm	PO682R	PM992R		 
	PM941R Protection Sleeve for safe introduction through the 12.5 mm trocar				
1/2 	PM171R* Satinsky Atraumatic Clamp, 38 mm jaw, 5 mm, 31 cm	PM711R	PM973R		     
	PM177R* Satinsky Atraumatic Clamp, 51 mm jaw, 5 mm, 31 cm	PM616R	PM973R		     
1/2 	Order by component DeBakey Atraumatic Clamp, straight, 50 mm Jaw, 10 mm, 22 cm	PM712R	PM992R		     
1/2 	PM175R* DeBakey Atraumatic Clamp, curved, 5 mm, 31 cm	PM671R	PM973R		     

* For use with 12.5 mm flexible trocars

Optional Handles for Customizing Instruments – Interchangeable for 5 mm and 10 mm instruments



PO958R (Non-Ratchet)



PO959R (Ratchet)



PM950R (Non-Ratchet)



PM951R (Ratchet)



















PM953R (In-Line)



PM954R (Ratchet)

PM957R (Ratchet)
with lock

Instruments may be ordered COMPLETE or assembled from COMPONENTS ordered separately

		COMPONENTS				
		COMPLETE INSTRUMENT	JAW INSERT	INSULATED OUTER TUBES	STANDARD HANDLE	OPTIONAL HANDLES
	1/2	PM176R* DeBakey Atraumatic Clamp, S-shaped, 5 mm, 31 cm	PM689R	PM973R		
	1/2	PM173R Crafoord Endo-vascular Clamp, short jaw, 5 mm, 31 cm	PM713R	PM973R		
		PM178R Crafoord Endo-vascular Clamp, long jaw, 5 mm, 31 cm	PM719R	PM973R		
	1/1	PO103R Overholt Dissecting Clamp, 90°, 10 mm, 31 cm	PO606R	PM975R		
	1/1	PO218R Crile Dissecting Forceps, Curved 5 mm, 31 cm	PO771R	PM973R		
		PO213R Crile Dissecting Forceps, Curved 5 mm, 37 cm	PO766R	PM976R		

* For use with 12.5 mm flexible trocars

Specialty Instruments Sets – Advanced Procedure

FLEXIBLE TROCARS



Complete trocar –100 mm length with valve and obturator

- Shaft sufficiently flexible to permit insertion of curved instruments and sufficiently firm to ensure access to the peritoneal orthoracic cavity
- For the use of curved instruments or special mouth shapes
- Trocar shaft in two different diameters and two different lengths

7 mm



EJ800R

Complete Trocar
Includes: Obturator,
Cannula and Trocar Body,
7 mm x 100 mm



EJ801R

Trocar Body, 7 mm



EJ804P Flexible Cannula,
7 mm x 75 mm

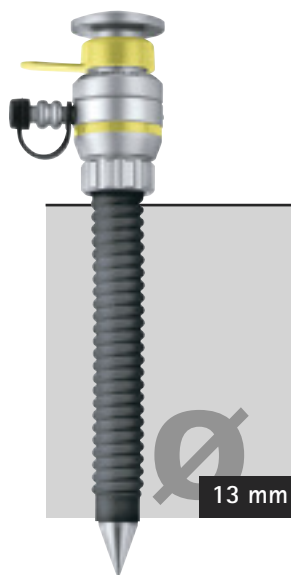
EJ806P Flexible Cannula,
7 mm x 100 mm



EJ805R Obturator,
7 mm x 75 mm

EJ807R Obturator,
7 mm x 100 mm

13 mm

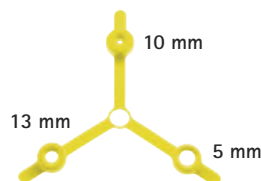


EJ590R

Complete Trocar
Includes: Obturator,
Cannula and Trocar Body,
13 mm x 100 mm

EJ824P Flexible Cannula,
12.5/13 mm x 75 mm,
3 per pack

EJ826P Flexible Cannula,
12.5/13 mm x 100 mm,
3 per pack



EJ642P

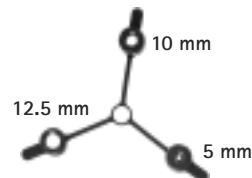
Reducing Converter

*Spare Parts for 12.5 mm



EJ824P Flexible Cannula,
12.5/13 mm x 75 mm,
3 per pack

EJ826P Flexible Cannula,
12.5/13 mm x 100 mm,
3 per pack

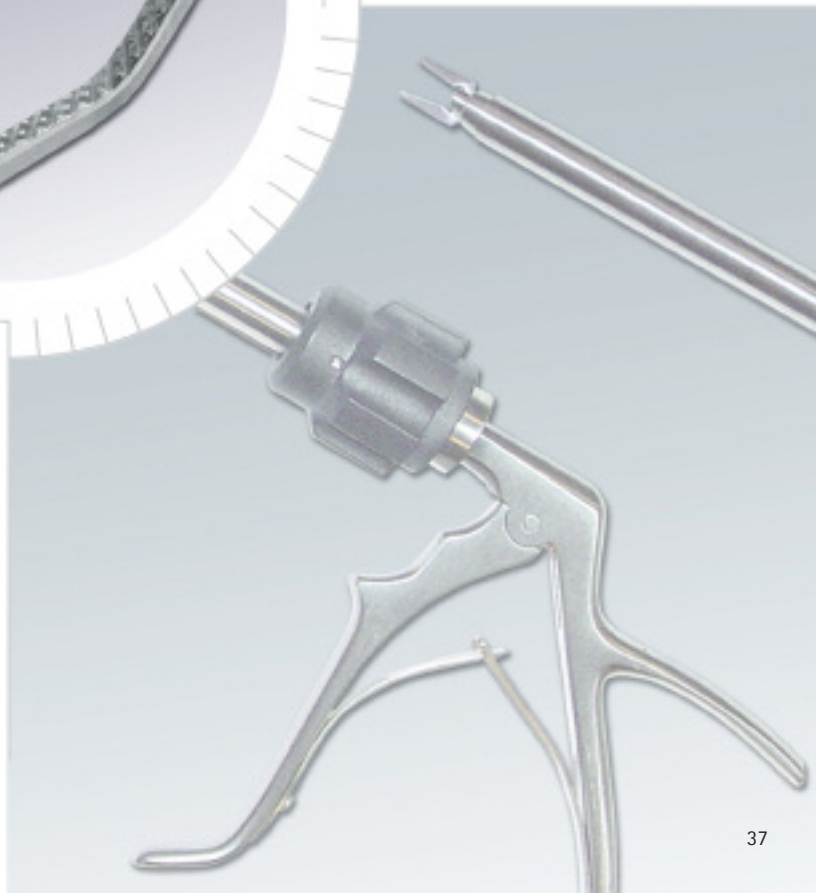
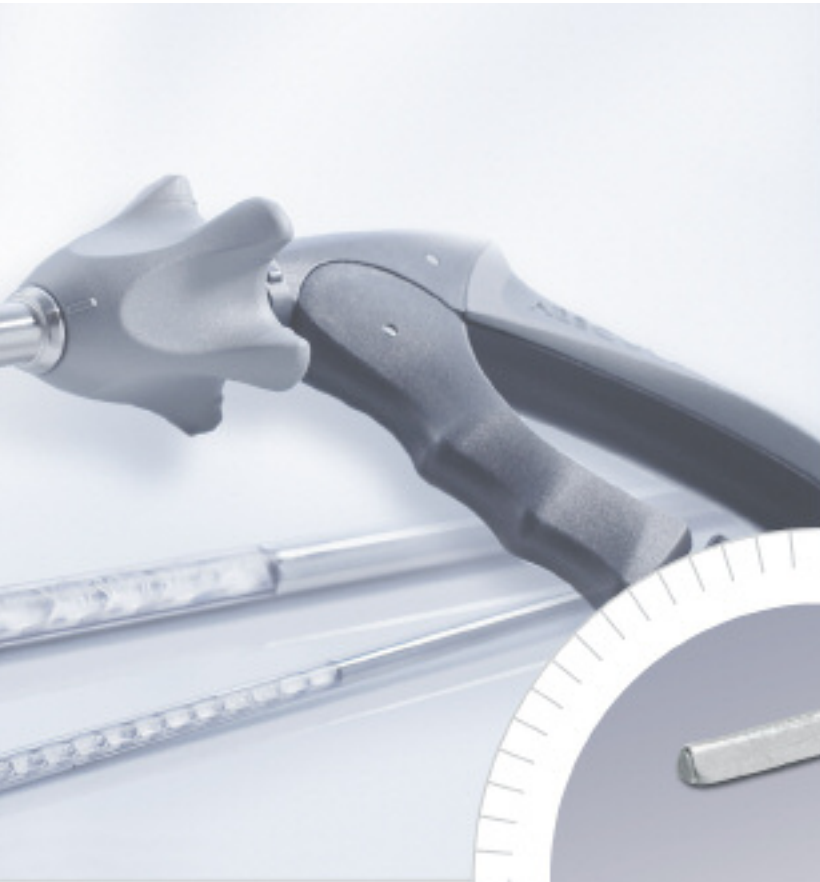


EJ641P

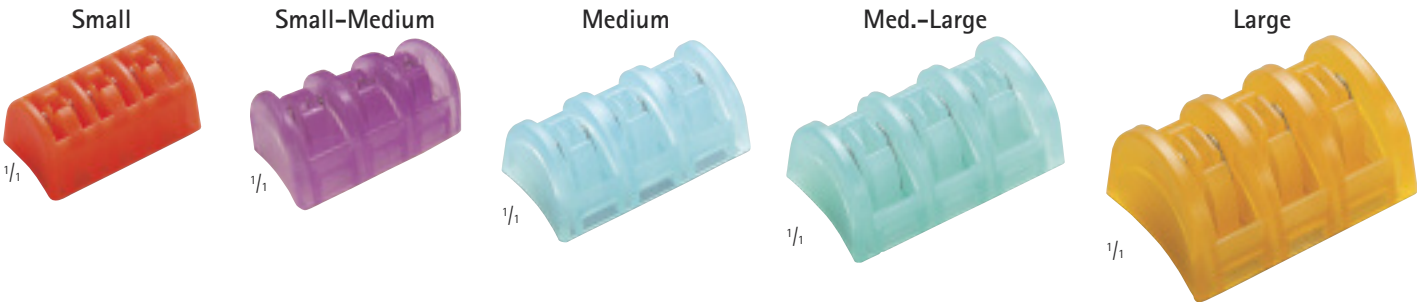
Reducing Converter

*Trocar body for 12.5 mm version no longer available for ordering.

Clip Appliers





SLS Single-Fire Ligation System



A Reliable and Cost-Efficient System that Delivers Superior Performance

- Clip cartridge is designed for easy loading and precise clip pickup
- Rotation knob allows for one finger, 360° rotation of applicator shaft
- Modular clip applicator can be disassembled for easy cleaning

ORDERING INFORMATION						
		Small	Small-Medium	Medium	Medium-Large	Large
Titanium Ligation Clips 		J1180-1 Available in boxes of 30 cartridges of 6 clips = 180 clips	L5180-1 Available in boxes of 30 cartridges of 6 clips = 180 clips	B2180-1 Available in boxes of 30 cartridges of 6 clips = 180 clips	V3120-1 Available in boxes of 20 cartridges of 6 clips = 120 clips	O4120-1 Available in boxes of 20 cartridges of 6 clips = 120 clips
Laparoscopic Clip Applicators 13" (33 cm) 		LCASLS1R Diameter 5.5 mm Length 30 cm	LCASLS2R Diameter 5.5 mm Length 30 cm	LCASLS3R Diameter 6.5 mm Length 30 cm	LCASLS5R Diameter 10.0 mm Length 33 cm <i>(shown left)</i>	LCASLS6R Diameter 12.5 mm Length 33 cm
				LCASLS4R Diameter 10.0 mm Length 33 cm		

Challenger Ti-P Multi-Fire Ligation System

MULTI-FIRE

- Fast, precise and reliable clip application complimented by an ergonomic delivery
- Shafts available in 5 mm and 10 mm diameters
- Superior quality ligation clip available in S/M and M/L sizes
- Reusable clip applicator, disposable clip cartridges
- Easy and simple handling

CHALLENGER TI-P PNEUMATIC CLIP APPLIERS



PL604R

- 5 mm diam., 31 cm length
- 12 S/M clips per cartridge



PL606R

- 10 mm diam., 37 cm length
- 8 M/L clips per cartridge



CLIP APPLIERS

CLIP CARTRIDGES & CO₂ CYLINDERS

S/M Clips

M/L Clips



PL574T

- 12 sterile clip cartridges
- 1 CO₂ cylinder per cartridge
- For use with 5 mm clip applicator

PL579T

- 12 sterile clip cartridges
- 1 CO₂ cylinder per cartridge
- For use with 10 mm clip applicator

S/M

M/L

Spare Parts	Complete Shaft	PL522R	Shaft Length 310 mm	Diameter 5 mm	PL536R	Shaft Length 370 mm	Diameter 10 mm	PL538R	Shaft Length 260 mm	Diameter 10 mm
	Handle	PL520R			PL520R			PL520R		
	Inner Tube	PL522801	Shaft Length 310 mm		PL536802	Shaft Length 370 mm		PL538802	Shaft Length 260 mm	
	Push Rod	PL522800	Shaft Length 310 mm		PL536801	Shaft Length 370 mm		PL538801	Shaft Length 260 mm	
	Locking Ring	PL520301			PL520301			PL520301		
	CO ₂ Cylinder Only	PL575SU			PL575SU			PL575SU		
	Pack of 3 Single Sterile Packed									

Vascular Clip Applier/Remover



CLIP APPLIERS

CLIP APPLIER/REMOVER





PL530R
Articulating Applier for temporary endoscopic vessel clips, 12.5 mm, 34 cm length



PL531R
Fixed Applier for temporary endoscopic vessel clips, 12.5 mm, 34 cm length

PL664P
Rotation Knob, 5/package

Atraumatic Endo Vessel Clips (for temporary occlusion)

	ITEM NO.	CLOSING FORCE	JAW LENGTH	JAW SHAPE
	PL544S	350 g	25 mm	short/straight
	PL545S	450 g	45 mm	long/straight
	PL548S	350 g	25 mm	short/curved
	PL549S	450 g	45 mm	long/curved

INTESTINAL BULLDOG CLIP



PL541S
Intestinal bulldog clip,
Jaw length: 70 mm, Closing force: 3.94 mm

Endoscopes and Accessories

ENDOSCOPES

Aesculap Surgical Technologies

HD Endoscopes



LAPAROSCOPES

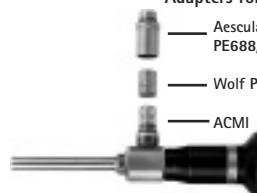
ITEM NO.	DESCRIPTION	DIAMETER	VIEWING DIRECTION	LENGTH	STEAM AUTOCLAVE	STERRAD®
PE030A	Needlescopic, Semi-rigid	2 mm	0°	30 cm	•	•
PE032A	Needlescopic, Semi-rigid	2.5 mm	0°	22 cm	•	•
PE485A	Full HD Endoscope	4 mm	0°	180 mm	•	•
PE505A	Full HD Endoscope	4 mm	30°	180 mm	•	•
PE522A	Full HD Endoscope	4 mm	0°	300 mm	•	•
PE508A	Full HD Endoscope	5 mm	30°	300 mm	•	•
PE590A	Full Screen Technology	5 mm	0°	30 cm	•	•
PE610A	Full Screen Technology	5 mm	30°	30 cm	•	•
PE889A	Full Screen Technology	10 mm	0°	33 cm	•	•
PE909A	Full Screen Technology	10 mm	30°	33 cm	•	•
PE969A	Full Screen Technology	10 mm	45°	33 cm	•	•
PE898A	Operative Laparoscope, with working channel for 5 mm instruments	10 mm	0°	27 cm	•	•

ENDOSCOPES

STORAGE SYSTEMS

JF431R	Single Scope Tray, 17", for 5 mm/10 mm diameter scopes
JF432R	Double Scope Tray, 17", for 5 mm/10 mm diameter scopes
JF433R	Double Scope Tray, 17", for 2 mm/3 mm diameter scopes
JF324R	Half-Size Storage Basket for 4 mm Perneczky angled scopes

Adapters for light guide cable



Unitrac[®] Retraction & Holding System

The Unitrac is a pneumatically-powered retraction and scope holding system that allows you to experience a more efficient procedure and obstruction-free surgical site. Precise adjustments are possible with the push of a single button, thus freeing the surgical assistant to carry out higher priority tasks.

Features	Benefits
<ul style="list-style-type: none">Single-piece construction utilizes compressed air source in the OR	<ul style="list-style-type: none">Easy setup and disassembly
<ul style="list-style-type: none">Extensive range of retractor blade, hook, camera and endoscope holders	<ul style="list-style-type: none">Applications in Minimally Invasive and Open Surgical procedures
<ul style="list-style-type: none">Reposition with push of a single button	<ul style="list-style-type: none">Increases efficiency during procedures
<ul style="list-style-type: none">Maintains full holding force in event of OR compressed air failure	<ul style="list-style-type: none">Protects patient and OR personnel safety

UNITRAC ARM CONFIGURATIONS

Unitrac Arm



OR Table Clamp



OR Table Clamp w/ Flexible Joint



Compressed Air Hose



Y-connector for attaching 2 Unitrac arms to same compressed air source



ENDOSCOPES

Unitrac® Retraction & Holding System

The Unitrac is available in several configurations to ensure you have exactly what you need to achieve absolute rigid retraction and stable positioning. All configurations include the Unitrac pneumatic arm, a standard or flexible joint OR table clamp, and a compressed air hose or Y-connector for 2 Unitrac arms to be in use during the procedure.

Use the below ordering guide to select the Unitrac configuration that is right for you.

	Item No.			
	MB705R	MB706R	MB724R	MB725R
Unitrac Arm	•	•	•	•
OR Table Clamp	•	•		
OR Table Clamp w/ Flexible Joint			•	•
Compressed Air Hose	•		•	
Y-connector for attaching 2 Unitrac arms to same compressed air source		•		•

ENDOSCOPES

ENDSCOPE HOLDERS



Item No.

RT046P

Description

Adjustable holder for endoscopes with 3.0 – 7.5 mm diam., with PEEK insert RT055P

RT055P

Replacement adjustable PEEK insert, 3.0 – 7.5 mm diam.

RT081R

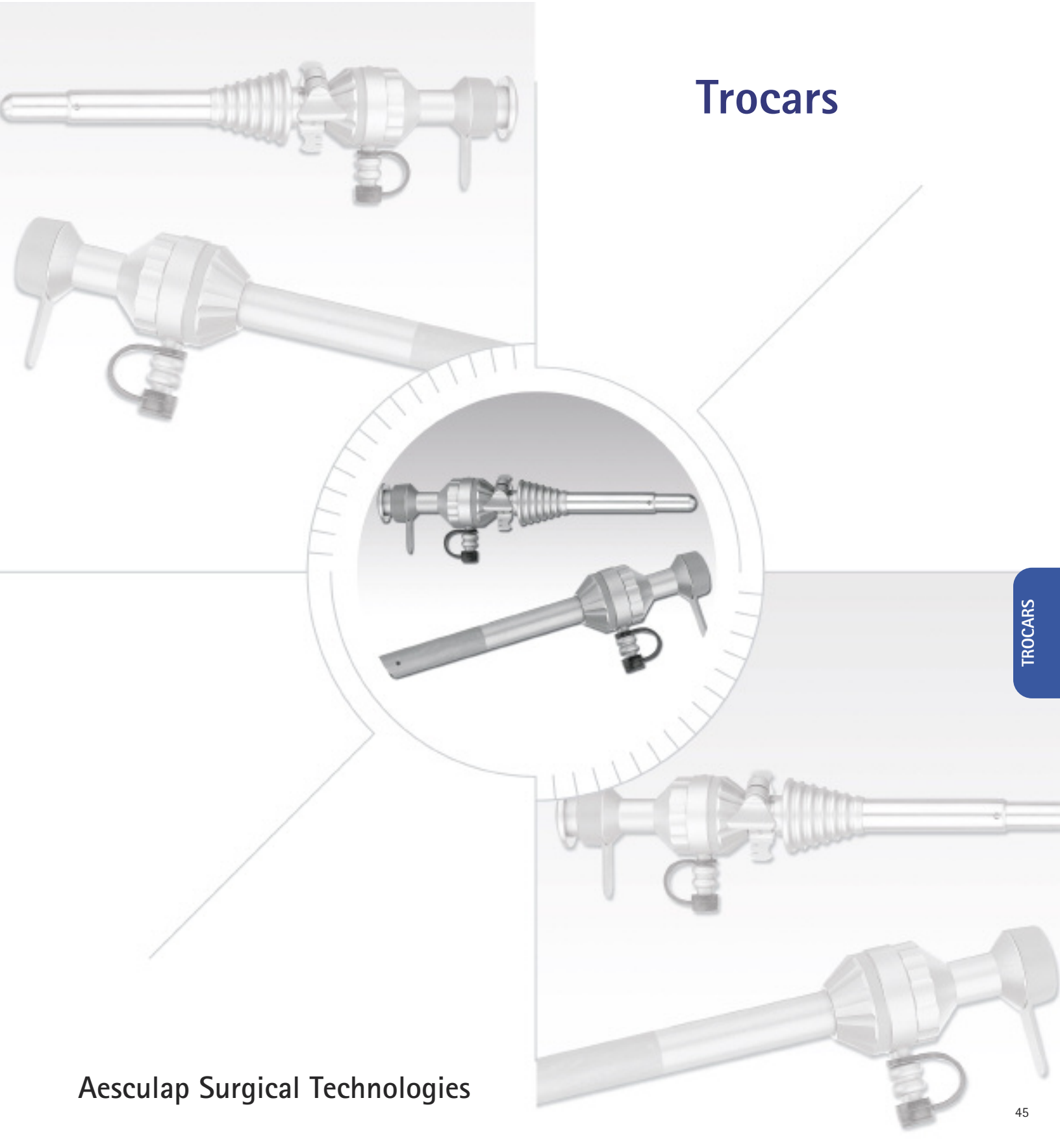
Holder for endoscopes with 10 mm diam., with PEEK insert RT086P

RT086P

Replacement PEEK insert, 10 mm diam.



Trocars






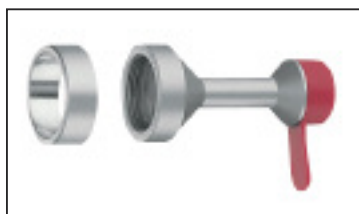
TROCARS

Reusable Trocar Systems

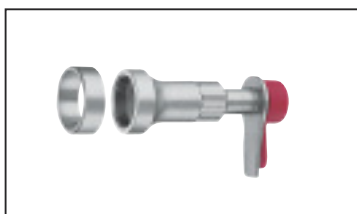
5.5 mm TROCARS



	WORKING LENGTH	COMPLETE TROCAR	CANNULA ONLY	PYRAMIDAL TIP OBTURATOR	CONICAL TIP OBTURATOR	BLUNT TIP OBTURATOR
 Smooth Cannula	60 mm	---	EJ702R	EJ705R	EJ706R	---
	110 mm	EJ701R	EJ712R	EJ715R	EJ716R	EJ718R
	150 mm	---	EJ722R	EJ725R	---	EJ720R
 Threaded Cannula	60 mm	---	EJ703R	EJ705R	EJ706R	---
	110 mm	---	EJ713R	EJ715R	EJ716R	EJ718R
	150 mm	---	---	---	---	EJ720R
 Radiolucent Threaded Cannula	60 mm	---	EJ704P	EJ705R	EJ706R	---
	110 mm	---	EJ714P	EJ715R	EJ716R	EJ718R
	150 mm	---	---	EJ725R	---	EJ720R



EJ700R Standard Trocar Body
without insufflation ring
(order EJ700251 for insufflation ring)



EJ710R Manual Opening Trocar Body

Sealing Caps for Reducing Sleeve 20/pkg

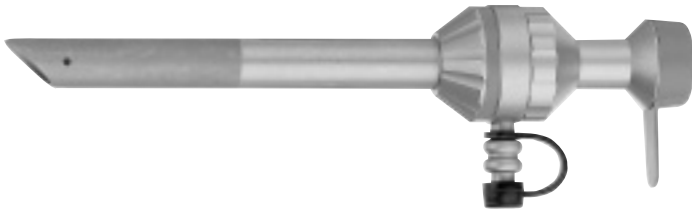
5.5 mm/10 mm 5.5 mm/12.5 mm 10 mm/12.5 mm




EJ601250

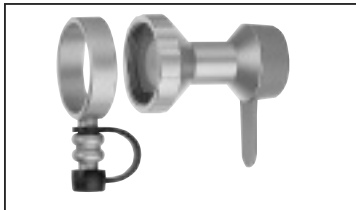
EJ603250

EJ605250

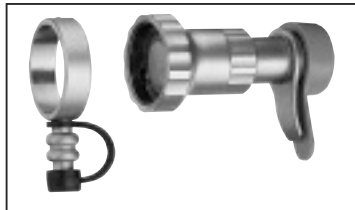
10 mm TROCARS



	WORKING LENGTH	COMPLETE TROCAR	CANNULA ONLY	PYRAMIDAL TIP OBTURATOR	CONICAL TIP OBTURATOR	BLUNT TIP OBTURATOR
 Smooth Cannula	60 mm	---	---	---	---	---
	110 mm	EJ751R	EJ752R	EJ755R	EJ756R	EJ558R
	150 mm	---	EJ762R	EJ765R	EJ766R	EJ568R
 Threaded Cannula	60 mm	---	---	---	---	---
	110 mm	---	EJ753R	EJ755R	EJ756R	EJ558R
	150 mm	---	---	EJ765R	EJ766R	EJ568R
 Radiolucent Threaded Cannula	60 mm	---	---	---	---	---
	110 mm	---	EJ754P	EJ755R	EJ756R	EJ558R
	150 mm	---	---	EJ765R	EJ766R	EJ568R



EJ750R Standard Trocar Body

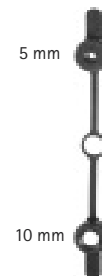


EJ760R Manual Opening Trocar Body



Reducing Sleeve

ITEM NO.	DIAMETER	LENGTH	GUIDE
EJ601R	10 mm	180 mm	5.5 mm



Reducing Converter

ITEM NO.	TROCAR DIAMETER	CONVERTS TO:
EJ640P	10 mm & 12.5 mm	5 mm/10 mm

Sealing Caps for Reducing Sleeve 20/pkg

5.5 mm/10 mm	5.5 mm/12.5 mm	10 mm/12.5 mm
EJ601250	EJ603250	EJ605250


Reusable Trocar Systems

13 mm TROCARS

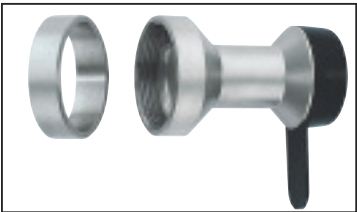


	WORKING LENGTH	COMPLETE TROCAR	CANNULA ONLY	PYRAMIDAL TIP OBTURATOR	CONICAL TIP OBTURATOR	BLUNT TIP OBTURATOR
--	----------------	-----------------	--------------	-------------------------	-----------------------	---------------------

	110 mm	EJ580R	EJ582R	EJ586R	EJ587R	EJ588R
Smooth Cannula						

	110 mm	---	EJ584R	EJ586R	EJ587R	EJ588R
Threaded Cannula						

	110 mm	---	---	EJ586R	EJ587R	EJ588R
Radiolucent Threaded Cannula						



EJ581R Standard Trocar Body, without insufflation ring
(order EJ750251 for insufflation ring)

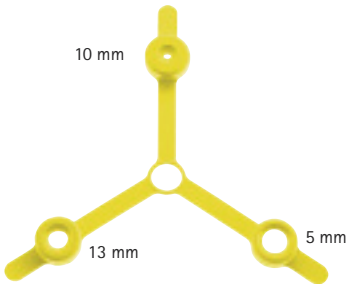


Reducing Sleeve

ITEM NO.	DIAMETER	LENGTH	GUIDE
EJ602R	13 mm	180 mm	5.5 mm
EJ604R	13 mm	180 mm	10 mm

Sealing Caps for Reducing Sleeve 20/pkg

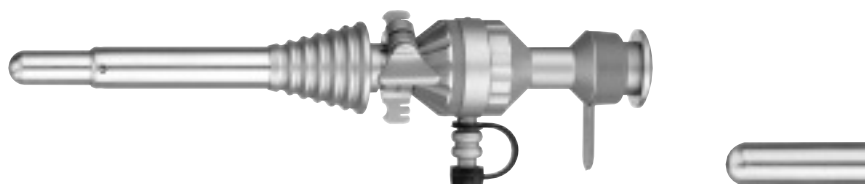
5.5 mm/10 mm	5.5 mm/12.5 mm	10 mm/12.5 mm	5.5 mm/13 mm	10 mm/13 mm
EJ601250	EJ603250	EJ605250	EJ646P	EJ645P



Reducing Converter

ITEM NO.	TROCAR DIAMETER	CONVERTS TO:
EJ642P	13 mm	5 mm, 10 mm, 13 mm

HASSON/MINI LAPAROTOMY STYLE TROCARS



COMPLETE
TROCAR
W/OBTURATOR

CANNULA
ONLY

BLUNT TIP
OBTURATOR

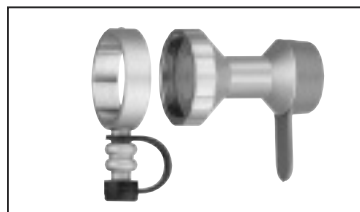


100 mm

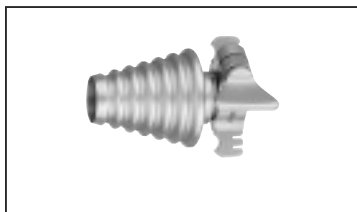
EJ441R

EJ432R

EJ433R

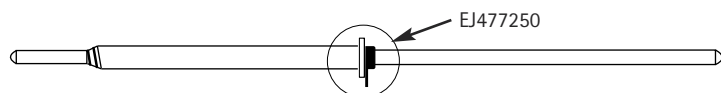


EJ750R Trocar Body



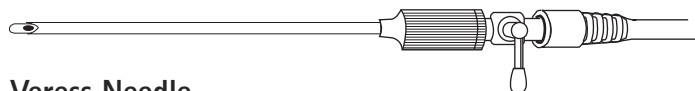
EJ430R Stability Cone

TROCAR SPARE PARTS



EJ477R Dilation/Exchange Rod, 5 mm - 10 mm

EJ477250 Sealing Cap for EJ477R, 20/pkg.

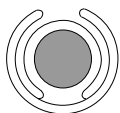


Veress Needle

ITEM NO.	O.D. CANNULATED NEEDLE	O.D. CANNULA NEEDLE	LENGTH
PG003	1.6 mm	2.1 mm	100 mm
PG008	1.6 mm	2.1 mm	120 mm
PG011	1.6 mm	2.1 mm	150 mm

Reusable Trocar Systems

Trocar Spare Parts (continued)



- EJ570P** Silicone Flap Valve for 5.5 mm or 7 mm trocars, 20/pkg.
EJ571P Silicone Flap Valve for 10 mm or 12.5 mm trocars, 20/pkg.
EJ572P Silicone Flap Valve for 13 mm trocars, 20/pkg.



- EJ751251** Sealing Cap for Insufflation Connection for modular Trocars, 20/pkg.



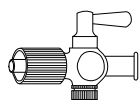
- EJ750251** Trocar Insufflation Ring with Luer Lock, 10 mm/12.5 mm, one piece
EJ700251 Trocar Insufflation Ring with Luer Lock, 5 mm/7 mm, one piece



- EJ750250** Trocar Ring without Luer Lock Connector, 10 mm/12.5 mm, one piece
EJ700250 Trocar Ring without Luer Lock Connector, 5 mm/7 mm, one piece



- EJ702250** Plastic Ring for 5 mm trocars, 20/pkg.
EJ752250 Plastic Ring for 10 mm trocars, 20/pkg.
EJ644P Plastic Ring for 13 mm trocars, 20/pkg.



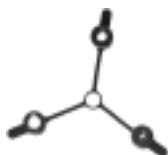
- SK271C** Metal Valve for Insufflation Connection, one piece



- EJ446255** Sealing Cap for Modular Trocars, 5.5 mm, 20/pkg.
EJ417255 Sealing Cap for Modular Trocars, 7 mm, 20/pkg.
EJ449255 Sealing Cap for Modular Trocars, 10 mm, 20/pkg.
EJ450255 Sealing Cap for Modular Trocars, 12.5 mm, 20/pkg.
EJ643P Sealing Cap for Modular Trocars, 13 mm, 20/pkg.



- MD156** Reducing Cap for Modular Trocars, 5/pkg.



- EJ641P** Reducing Converter; 5 mm, 10 mm, 12.5 mm

Flexible Trocars

FLEXIBLE TROCARS



Complete trocar –100 mm length with valve and obturator

- Shaft sufficiently flexible to permit insertion of curved instruments and sufficiently firm to ensure access to the peritoneal orthoracic cavity
- For the use of curved instruments or special mouth shapes
- Trocar shaft in two different diameters and two different lengths

7 mm



EJ800R

Complete Trocar
Includes: Obturator,
Cannula and Trocar Body,
7 mm x 100 mm



EJ801R

Trocar Body, 7 mm



EJ804P Flexible Cannula,
7 mm x 75 mm

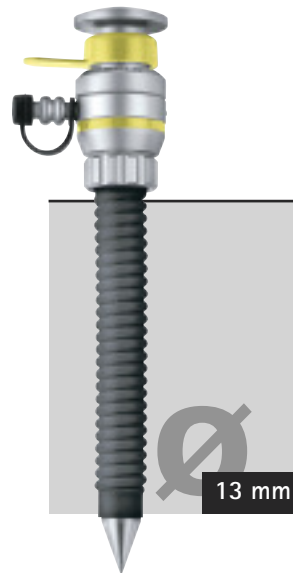
EJ806P Flexible Cannula,
7 mm x 100 mm



EJ805R Obturator,
7 mm x 75 mm

EJ807R Obturator,
7 mm x 100 mm

13 mm

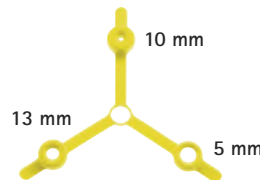


EJ590R

Complete Trocar
Includes: Obturator,
Cannula and Trocar Body,
13 mm x 100 mm

EJ824P Flexible Cannula,
12.5/13 mm x 75 mm,
3 per pack

EJ826P Flexible Cannula,
12.5/13 mm x 100 mm,
3 per pack



EJ642P

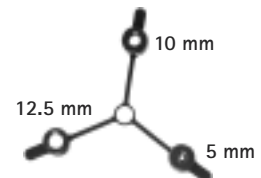
Reducing Converter

*Spare Parts for 12.5 mm



EJ824P Flexible Cannula,
12.5/13 mm x 75 mm,
3 per pack

EJ826P Flexible Cannula,
12.5/13 mm x 100 mm,
3 per pack



EJ641P
Reducing Converter

**Trocar body for 12.5 mm version no longer available for ordering.*

Video Systems



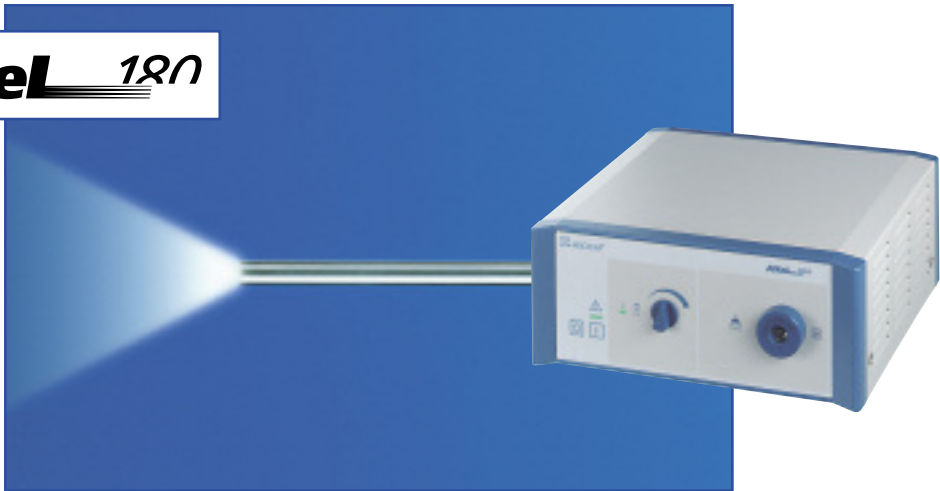
Aesculap Surgical Technologies

Light Sources

AXeL 180 XENON LIGHTSOURCE



AXeL 180



TECHNICAL DATA

Lamp	Xenon
Lamp Power	180 W
Lamp Voltage	15 V/12.0A
Light Intensity	Continuously Adjustable
Color Temperature	Approx. 6000 K
Dimensions (w x h x d)	12" x 5" x 12" (305 x 125 x 305 mm)
Weight	17 lbs., 17 oz. (6.5 kg)

ITEM NO.	DESCRIPTION
----------	-------------

OP930	AXeL Xenon Lightsource (180 W)
-------	--------------------------------

Consisting of:

OP931	Xenon Lamp, 15V, 180 W
OP935	Standard Adapter, Aesculap

SYSTEM ACCESSORIES

OP936	Wolf LIGHT SOURCE Adapter
OP937	Olympus Lightsource Adapter
OP938	Circon ACMI Lightsource Adapter
OP913	Light Guide Cable, diameter: 5 mm, length: 250 cm (8.2 ft.) with additional bending protection
OP931	Xenon Spare Lamp

Light Cables

AESCULAP LIGHT CABLES and ADAPTERS








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)



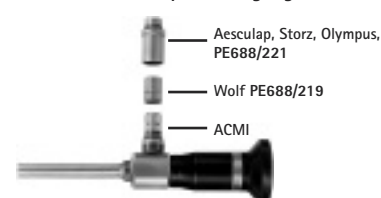
IF YOUR LIGHT SOURCE (LS) IS FROM:

YOUR SCOPE (S) IS FROM	AESCULAP/ STORZ	OLYMPUS	CIRCON/ACMI	STRYKER	WOLF/DYONICS
					
AESCULAP/STORZ OLYMPUS	Light cable: MB111 • AESCULAP LS • AESCULAP S	Light cable: MB112 • OLYMPUS LS • AESCULAP S	Light cable: MB113 • CIRCON LS • AESCULAP S	Light cable: MB114 • STRYKER LS • AESCULAP S	Light cable: MB115 • WOLF LS • AESCULAP S
OLYMPUS (with condenser lens)	Light cable: MB121 • AESCULAP LS • OLYMPUS S	Light cable: MB122 • OLYMPUS LS • OLYMPUS S	Light cable: MB123 • CIRCON LS • OLYMPUS S	Light cable: MB124 • STRYKER LS • OLYMPUS S	Light cable: MB125 • WOLF LS • OLYMPUS S
CIRCON/ACMI/ STRYKER	Light cable: MB131 • AESCULAP LS • CIRCON S	Light cable: MB132 • OLYMPUS LS • CIRCON S	Light cable: MB133 • CIRCON LS • CIRCON S	Light cable: MB134 • STRYKER LS • CIRCON S	Light cable: MB135 • WOLF LS • CIRCON S
WOLF	Light cable: MB151 • AESCULAP LS • WOLF S	Light cable: MB152 • OLYMPUS LS • WOLF S	Light cable: MB153 • CIRCON LS • WOLF S	Light cable: MB154 • STRYKER LS • WOLF S	Light cable: MB155 • WOLF LS • WOLF S

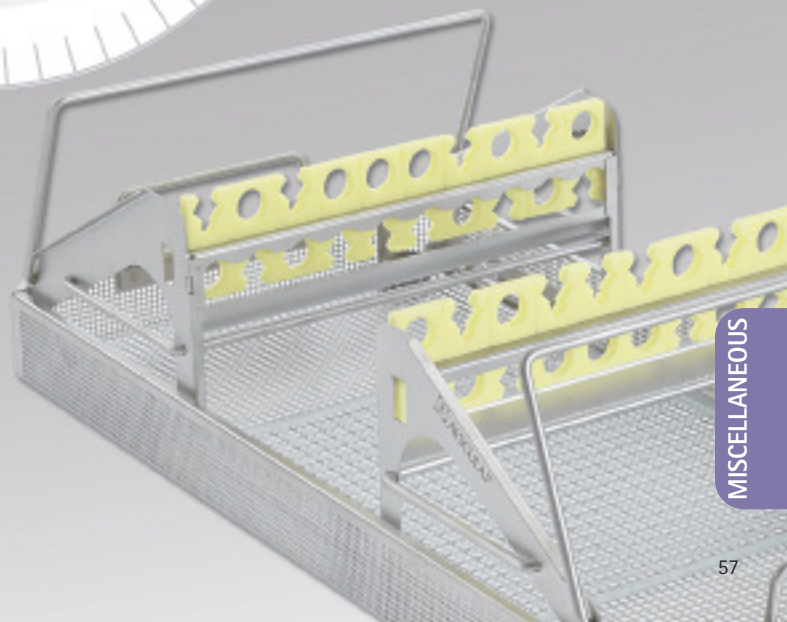
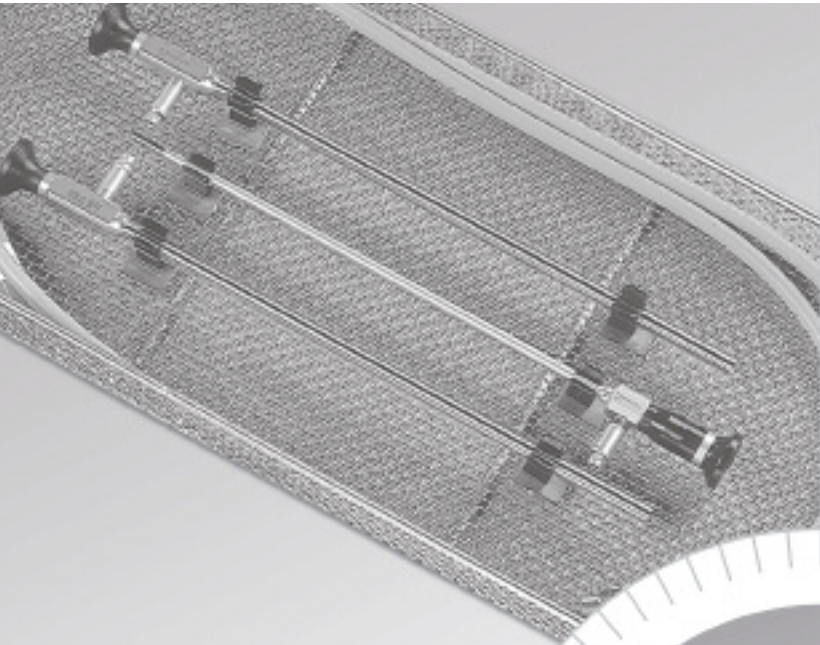
- The universal light cable and all adapters can also be ordered separately

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

Adapters for light guide



Miscellaneous



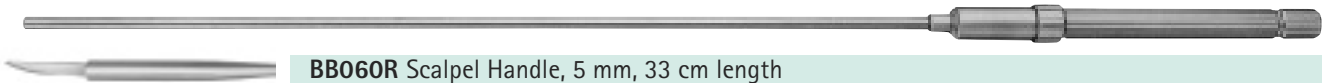
Miscellaneous

DISSECTING SPATULA



- PL657R Dissecting Spatula, straight, 5 mm, 33 cm length
- PL659R Dissecting Spatula, curved, 5 mm, 33 cm length (shown)

SCALPEL HANDLE for KNIFE BLADES Handle Features a retractable blade mechanism



BB060R Scalpel Handle, 5 mm, 33 cm length

KNIFE BLADES (order separately 10 per package)



BB363R
BB364R
BB365R
BB367R

REUSABLE SUCTION IRRIGATION SYSTEMS



GF320R Suction Tube	With Luer-Lock connection and finger valve. Can be used with Y-connector, SK330C, 5 mm diam., 33 cm length.
GF321R Suction/Irrigation Tube	With Luer-Lock connection. Can be used with Y-connector, SK330C, 5 mm diam., 33 cm length.



SK330C Y-Connector	For suction and irrigation in connection with SR550R, SR551R, SR552R, SR553R, GF320R and GF321R
-----------------------	---



SR550R Puncture Needle	With Luer-Lock connection and finger valve, 5 mm diam., 33 cm length
SR551R Injection Cannula, Sharp	With Luer-Lock connection, 5 mm diam., 33 cm length
SR553R Injection Cannula, Sharp	With Luer-Lock connection, 5 mm diam., 45 cm length

LIGATURE INSTRUMENTS



PL650R

Loop Applier
13 cm length

Outside diam. - 5 mm
Inside diam. - 4.4 mm

PL650/250

Loop Applier Sealing Cap

20/pkg.



PL162R

Fascia Port-Closure Instrument 2.7 mm diam., 15.2 cm length, shaft only PL163R

ADDITIONAL ITEMS



PL430R

Myoma Fixation Screw

5 mm diam., 31 cm length



PL100R

Cholangiography Clamp
with Catheter Guide

(Maximum catheter diameter-5 French),
ratcheted, 5 mm diam., 33 cm length

PL401230

Sealing Cap for PL100R 20/pkg.



BV941R

Gall Bladder Extractor

Three-blade design, 55 mm blade length.
Use with 10 mm trocars.

Miscellaneous

ADDITIONAL ITEMS



BN320R

Exploratory Probe

5 mm diam., 40 cm length

BN321R

Exploratory Probe

5 mm diam., 50 cm length



PL406R

Anvil Grasper, 10 mm, 37 cm

LUBRICANTS



JG598

Aesculap Instrument Oil

For box locks, ratchets, etc.

Physiologically inert.



JG600

Aesculap Oil Spray

For maintenance of instruments prior to sterilization

Physiologically inert.

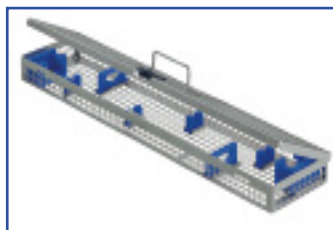
ENDOSCOPY TRAYS and BASKETS*



JF436R

Single Scope Tray, 10"

Two fit securely into
a Quarter Size container



JF432R or JF433R

Double Scope Tray, 17", with or without silicone supports

Fits into a full size basket
17½" long x 3¾" wide x 1⅜" deep

ENDOSCOPY TRAYS and BASKETS*



MD322

Two Scope Basket

Includes: JF222R basket,
JG691 (4) instrument holding clamps

MD323

Three Scope Basket

Includes: JF222R basket,
JG691 (6) instrument holding clamps

MD324

Four Scope Basket

Includes: JF222R basket,
JG691 (8) instrument holding clamps



MD378

Endorack™ with Silicone Cushioning Pad and Basket

Holds 14 endoscopic instruments



PL960R

Endorack, Full-Size Storage System

Endorack with silicone mesh
mat and basket; holds 18
endoscopic instruments



JK444 - Solid Bottom

JN444 - Perforated Bottom

Full Size Container

Bottom with choice of lid:

- JK485 (red)
- JK486 (blue)
- JK487 (green)
- JK488 (gold)
- JK489 (silver)

* For additional sterilization and storage products please contact Customer Service at 800-282-9000

Miscellaneous

EXTRA LONG CONTAINER SYSTEM*



JN445

Perforated Bottom with
Retention Plates



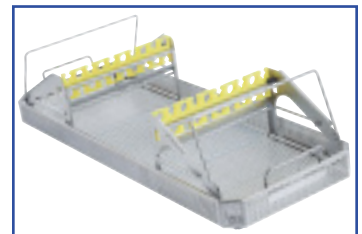
JK490

Lid with Retention Plates



MD379*

Endorack™ with Silicone
Cushioning Pad and Basket
Holds 14 endoscopic
instruments



PL961R

Endorack, Extra-Long
Storage System
Endorack with silicone mesh
mat and basket; holds 18
endoscopic instruments

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