

Aesculap Surgical Technologies

Laparoscopic Instruments Catalog





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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
- Orthopedics
- 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:

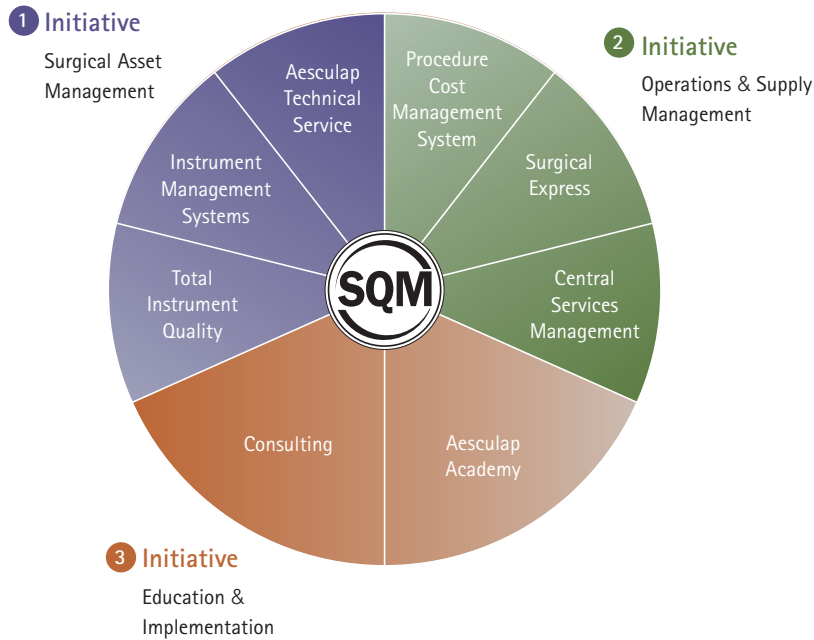
Call:
1-800-258-1946, Ext. 5223

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





Surgical Quality Management™



Surgical Quality Management is a comprehensive quality improvement process for the Operating Room and Central Services.

Surgical Asset Management

Total Instrument Quality Program (TIQ)

Aesculap's *Total Instrument Quality Program* offers a comprehensive approach to instrument management. Our commitment does not stop after the purchase of an instrument or service.

The objective of *TIQ* is to maximize budgetary resources, improve efficiency and extend the life of the facility's surgical instrumentation. Precision craftsmanship allows *TIQ* to guarantee long instrument life, optimal surgical performance and consistency in design and function.

Instrument Management Systems

Instacount® PLUS is a customized instrument management system that addresses the asset management needs of sterile processing departments including automated sterilization monitoring, instrument set management, and productivity and quality assurance.

Comprehensive reporting options allow managers to make critical business decisions based on accurate, real-time data.

For more information:

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

Surgical Quality Management™

Surgical Asset Management



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 craftsmen 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



Surgical Quality Management™

Operations and Supply Chain Management



Aesculap's cost management programs offer instrument management solutions. Our high quality general and laparoscopic instruments are key elements in the Operations and Supply Chain Management Programs.

PCMS

Procedural Costs Management Systems (PCMS) enables our customers to acquire new instrumentation based on a per-procedure rental program. This program includes service, maintenance, and repair of instruments. Partnering with Aesculap for cost containment and standardization provides:

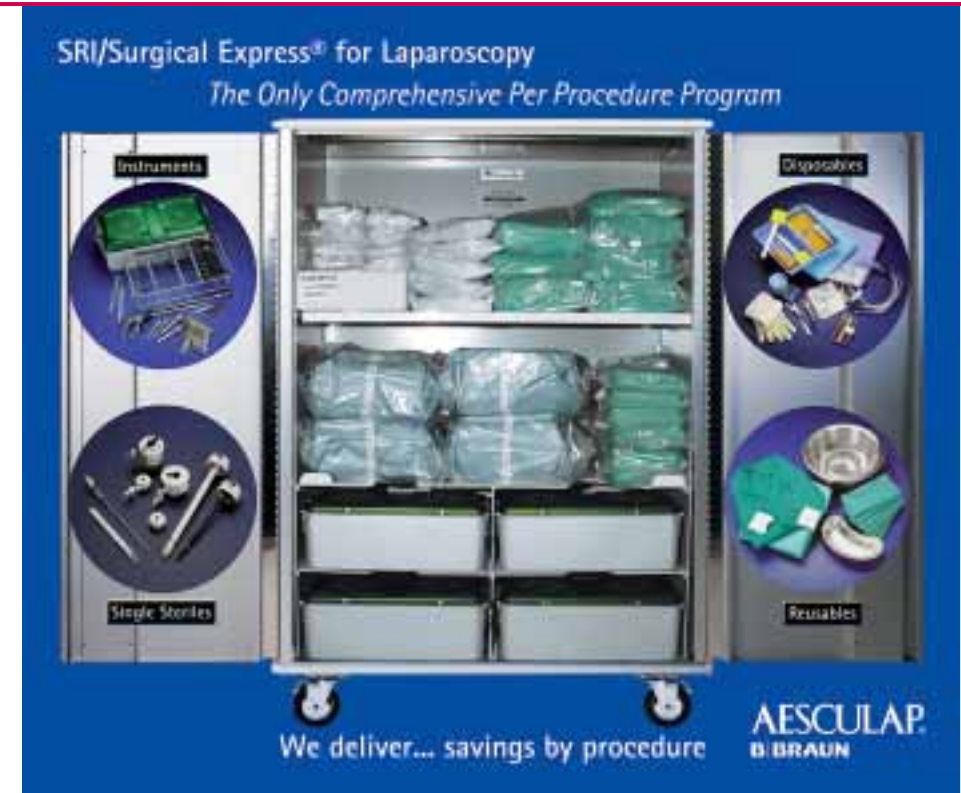
- Reduced utilization costs
- Improved instrument quality
- Fixed procedure costs

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.

SURGICAL EXPRESS™

The *Surgical Express™* program provides customers with a complete solution for laparoscopic procedures. This comprehensive service includes daily delivery of laparoscopic 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.

Surgical Express™ for Laparoscopy 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

Central Services Management (CSM)

The *CSM* Program provides customers a unique opportunity to focus solely on patient care. Aesculap provides personnel to operate and manage a facility's Central Services Department which improves performance and frees capital and resources.

Central Services Management can provide:

- Recruitment and training of qualified employees
- CRCST certification
- Processes for department procedures and standardization
- Development of staff competency criteria and standardization

For more information:

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

Surgical Quality Management™

Education and Implementation



Consulting Services

DEFINIONSM Consulting Services define and recommend practices that optimize efficiencies, manage instrument expenses, and develop long term goals to control instrument assets.

Aesculap has over 140 years of expertise in surgical instrument management. This expertise is provided to our customers through products and services for the Operating Room and Central Sterile departments.

DEFINIONSM products and services encompass surgical instrument inventory, instrument data management, set utilization and statistical analysis, logistics management, and educational programs.

Products and services are customized to meet your facility's individual needs and objectives.

Aesculap Academy

The *Aesculap Academy* provides on and off-site accredited programs for physicians, nurses and healthcare professionals. Courses are offered throughout the world on such topics as: proper care and handling of surgical instruments, new surgical techniques and numerous other programs that advance professional growth.





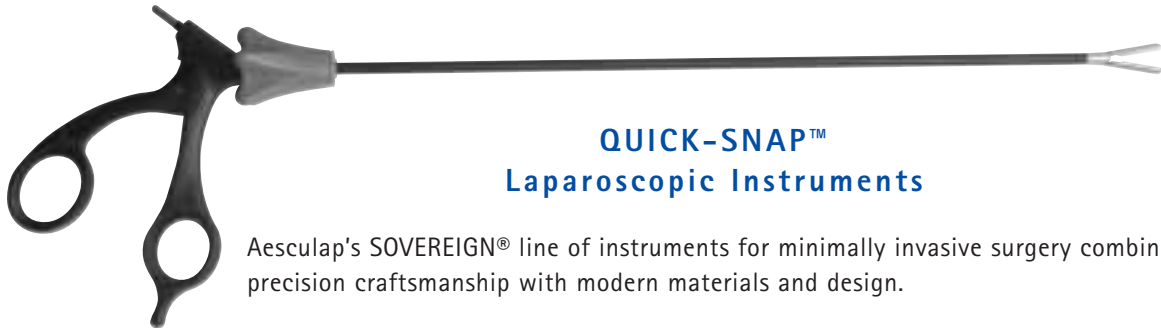
Laparoscopic Instruments

LAPAROSCOPY



Aesculap Surgical Technologies

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

	COMPLETE INSTRUMENT	COMPONENTS			
		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	JAW INSERT	INSULATED OUTER TUBES	STANDARD HANDLE	OPTIONAL HANDLES
1/1	 <p>PO090R Premium Metzenbaum Scissors, 5 mm, 31 cm</p>	PO790R	PM973R	<input type="checkbox"/>	<input type="checkbox"/>
1/1	 <p>PO002R Peritoneal Scissors, serrated, 5 mm, 31 cm</p>	PO601R	PM973R	<input type="checkbox"/>	<input type="checkbox"/>
1/1	 <p>PO006R Peritoneal Scissors, serrated, 5 mm, 31 cm</p>	PO625R	PM973R	<input type="checkbox"/>	<input type="checkbox"/>
1/1	 <p>PO011R Baby Metzenbaum Scissors, serrated, Tungsten Carbide inserts, 5 mm, 31 cm</p>	PO655R	PM973R	<input type="checkbox"/>	<input type="checkbox"/>
1/1	 <p>PO028R Baby Metzenbaum Scissors, serrated, Tungsten Carbide inserts, 5 mm, 42 cm</p>	PO754R	PM981R	<input type="checkbox"/>	<input type="checkbox"/>
1/1	 <p>PM016R Baby Metzenbaum Scissors, insulated to tip, Tungsten Carbide inserts, 5 mm, 31 cm</p>	PM698R	PM973R	<input type="checkbox"/>	<input type="checkbox"/>
1/1	 <p>PO091R Premium Baby Metzenbaum Scissors, 5 mm, 31 cm</p>	PO791R	PM973R	<input type="checkbox"/>	<input type="checkbox"/>

Scissors, Graspers, Dissectors – Modular System

SOVEREIGN® QUICK-SNAP™ design



PO958R (Non-Ratchet)

PO959R (Ratchet)

Insulated metal design



PM950R (Non-Ratchet)


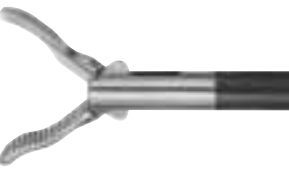




PM951R (Ratchet)

Axial design



PM953R (In-Line)

Instruments may be ordered COMPLETE or assembled from COMPONENTS ordered separately

	COMPLETE INSTRUMENT	COMPONENTS			
		JAW INSERT	INSULATED OUTER TUBES	STANDARD HANDLE	OPTIONAL HANDLES
	1/1 PO022R CROCE/OLMI Dissecting and Suture Scissors with Knot Pusher, 5 mm, 31 cm	P0727R	PM973R	■	■
	1/1 PO101R Atraumatic Fixation Forceps, serrated, 5 mm, 31 cm	P0607R	PM973R	■	■ ■ ■ ■
	PO199R Atraumatic Fixation Forceps, serrated, 5 mm, 42 cm	P0747R	PM981R	■	■ ■ ■ ■
	1/1 PO129R Tubal Fixation Forceps, 5 mm, 31 cm	P0645R	PM973R	■	■ ■ ■ ■
	PO200R Tubal Fixation Forceps, 5 mm, 42 cm	P0748R	PM981R	■	■ ■ ■ ■
	1/1 PO210R Oval Grasper, 5 mm, 31 cm	P0763R	PM973R	■	■ ■ ■ ■
	PO207R Oval Grasper, 5 mm, 42 cm	P0760R	PM981R	■	■ ■ ■ ■
	1/1 PO211R Curved Grasper, 5 mm, 31 cm	P0764R	PM973R	■	■ ■ ■ ■
	PO208R Curved Grasper, 5 mm, 42 cm	P0761R	PM981R	■	■ ■ ■ ■
	1/1 PO149R Fixation Forceps, fenestrated, 5 mm, 31 cm	P0680R	PM973R	■	■ ■ ■ ■
	PO206R Fixation Forceps, fenestrated, serrated, 5 mm, 31 cm	P0758R	PM973R	■	■ ■ ■ ■



SOVEREIGN® QUICK-SNAP™ design



PO958R (Non-Ratchet)

PO959R (Ratchet)

Insulated metal design



PM950R (Non-Ratchet)

PM951R (Ratchet)





























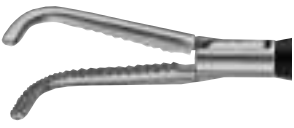



Axial design



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
	PO100R Atraumatic Dissecting Forceps, fine tip, 5 mm, 31 cm	PO605R	PM973R		 
	PO102R Maryland Dissecting Forceps, 5 mm, 31 cm	PO608R	PM973R		 
	PO202R Maryland Dissecting Forceps, 5 mm, 42 cm	PO752R	PM981R		 
	PM165R Maryland Dissecting Forceps, insulated to tip, 5 mm, 31 cm	PM699R	PM973R		 
	PO218R Crile Dissecting Forceps, Curved, 5 mm, 31 cm	PO771R	PM973R		 
	PO213R Crile Dissecting Forceps, Curved, 5 mm, 37 cm	PO766R	PM976R		 
	PO141R Overholt 60° Dissecting Forceps, 10 mm, 31 cm	PO661R	PM975R		 
	PO103R Right Angle, 90° Dissecting Forceps, 10 mm, 31 cm	PO606R	PM975R		 

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

	COMPLETE INSTRUMENT	COMPONENTS			
		JAW INSERT	INSULATED OUTER TUBES	STANDARD HANDLE	OPTIONAL HANDLES
 <p>1/1 PO187R Right Angle, 90° Dissecting Forceps, 5 mm, 31 cm</p>		PO730R	PM973R		
 <p>1/1 PO147R Dolphin Nose Dissecting Forceps, 5 mm, 31 cm</p>		PO678R	PM973R		
 <p>1/1 PO151R Duck Bill Dissecting Forceps, 5 mm, 31 cm</p>		PO667R	PM973R		
 <p>1/1 PO214R Duck Bill Dissecting Forceps, 5 mm, 37 cm</p>		PO767R	PM976R		
 <p>1/1 PO190R Bullet Nose Grasper, 5 mm, 31 cm</p>		PO735R	PM973R		
 <p>1/1 PO203R Bullet Nose Grasper, 5 mm, 42 cm</p>		PO753R	PM981R		
 <p>1/1 PO107R Aggressive Grasping Forceps, 5 mm, 31 cm</p>		PO613R	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 PO109R Alligator Grasping Forceps, 5 mm, 31 cm	PO615R	PM973R		 
	1/1 PO216R Bowel Grasping Forceps, 20 mm Jaw, 5 mm, 31 cm	PO769R	PM973R		 
	PO217R Bowel Grasping Forceps, 20 mm Jaw, 5 mm, 42 cm	PO770R	PM981R		 
	1/1 PO112R Dorsey Intestinal Forceps, 40 mm Jaw, 5 mm, 31 cm	PO618R	PM973R		 
	PO204R Dorsey Intestinal Forceps, 40 mm Jaw, 5 mm, 42 cm	PO755R	PM981R		 
	1/1 PO191R Universal Grasper, Fenestrated 5 mm, 31 cm	PO736R	PM973R		 
	1/2 PO215R Glassman Clamping Forceps, 60 mm Jaw, 10 mm, 31 cm	PO768R	PM974R		 

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

	COMPLETE INSTRUMENT	COMPONENTS			
		JAW INSERT	INSULATED OUTER TUBES	STANDARD HANDLE	OPTIONAL HANDLES
	1/2 PO118R DeBakey Atraumatic Forceps, 50 mm Jaw, 10 mm, 37 cm	PO624R	PM977R	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
	1/1 PO137R DeBakey Atraumatic Forceps, 50 mm Jaw, 5 mm, 42 cm	PO657R	PM981R	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
	1/1 PO113R Babcock Grasping Forceps, Single Action, 5 mm, 31 cm	PO619R	PM973R	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
	1/1 PO212R Babcock Grasping Forceps Double Action, 5 mm, 31 cm	PO765R	PM973R	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
	PO209R Babcock Grasping Forceps, Double Action, 5 mm, 42 cm	PO762R	PM981R	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
	1/1 PO114R Babcock Grasping Forceps, Single Action, 10 mm, 31 cm	PO620R	PM974R	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
	PO205R Babcock Grasping Forceps, Single Action, 10 mm, 42 cm	PO757R	PM982R	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
	1/2 PO196R Babcock Grasping Forceps, Double Action, 10 mm, 37 cm	PO741R	PM977R	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>



SOVEREIGN® QUICK-SNAP™ design



PO958R (Non-Ratchet)

PO959R (Ratchet)

Insulated metal design



PM950R (Non-Ratchet)













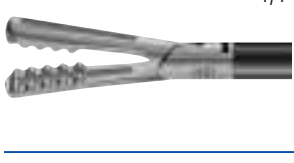















PM951R (Ratchet)

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
 <p>1/1 PO117R Claw Grasper, 2 x 3 teeth, 10 mm, 31 cm</p>		P0623R	PM974R		 
 <p>1/1 PO104R Allis Atraumatic Grasping Forceps, 5 mm, 31 cm</p>		P0610R	PM973R		 
 <p>1/1 PO111R Allis Grasping Forceps, 5 mm, 31 cm</p>		P0617R	PM973R		 
 <p>1/1 PO128R Grasping Forceps, Fenestrated 5 mm, 31 cm</p>		P0647R	PM973R		 
 <p>1/1 PO132R Grasping Forceps, 2 x 4 teeth, serrated, 5 mm, 31 cm</p>		P0648R	PM973R		 
 <p>PO201R Grasping Forceps, 2 x 4 teeth, serrated, 5 mm, 42 cm</p>		P0749R	PM981R		 
 <p>1/1 PO134R Grasping Forceps, fine-toothed, non-serrated, 5 mm, 31 cm</p>		P0650R	PM973R		 

Scissors, Graspers, Dissectors – Modular System

SOVEREIGN® QUICK-SNAP™ design



PO958R (Non-Ratchet)

PO959R (Ratchet)

Insulated metal design



PM950R (Non-Ratchet)


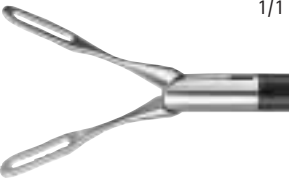





PM951R (Ratchet)

Axial design



PM953R (In-Line)

Instruments may be ordered COMPLETE or assembled from COMPONENTS ordered separately

	COMPLETE INSTRUMENT	COMPONENTS			
		JAW INSERT	INSULATED OUTER TUBES	STANDARD HANDLE	OPTIONAL HANDLES
 1/1 PO105R Heywood-Smith Tissue Forceps, fenestrated, 10 mm, 31 cm		P0611R	PM975R	■	■ ■ ■ ■
 1/1 PO130R Atraumatic Grasping Forceps, fenestrated, 5 mm, 31 cm		P0646R	PM973R	■	■ ■ ■ ■
 1/1 PO221R Fundus Grasper, 5 mm, 31 cm,		P0774R	PM973R	■	■ ■ ■ ■
 1/1 PO222R Short Fenestrated Grasper, 5 mm, 31 cm		P0775R	PM973R	■	■ ■ ■ ■
 1/1 PO223R Short Fenestrated Grasper, 5 mm, 42 cm		P0776R	PM981R	■	■ ■ ■ ■
 1/1 PO224R Tenaculum Forceps 5 mm, 31 cm		P0777R	PM973R	■	■ ■ ■ ■
 1/1 PO225R Tenaculum Forceps 10 mm, 31 cm		P0778R	PM974R	■	■ ■ ■ ■



SOVEREIGN® QUICK-SNAP™ design



PO958R (Non-Ratchet)



PO959R (Ratchet)

Insulated metal design



PM950R (Non-Ratchet)



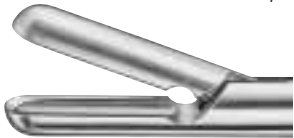































PM951R (Ratchet)

Axial design



PM953R (In-Line)

Instruments may be ordered COMPLETE or assembled from COMPONENTS ordered separately

		COMPONENTS			
COMPLETE INSTRUMENT		JAW INSERT	INSULATED OUTER TUBES	STANDARD HANDLE	OPTIONAL HANDLES
	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

	ORDER BY COMPONENT	JAW INSERT	COMPONENTS 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

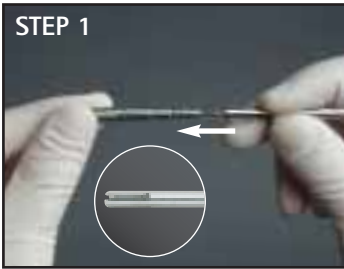
INSTRUMENTS

	ORDER BY COMPONENT	JAW INSERT	COMPONENTS 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	

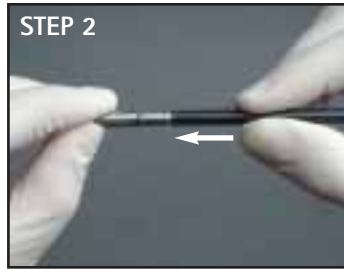
Scissors, Graspers, Dissectors – Modular System

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

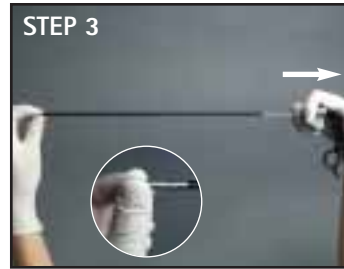
ASSEMBLY



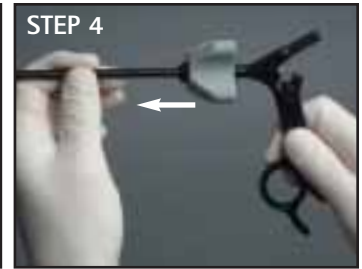
STEP 1
Slide the inner metal tube onto the jaw insert with its four spring tongues towards the working end until the tongues snap into place.



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 rotation knob.



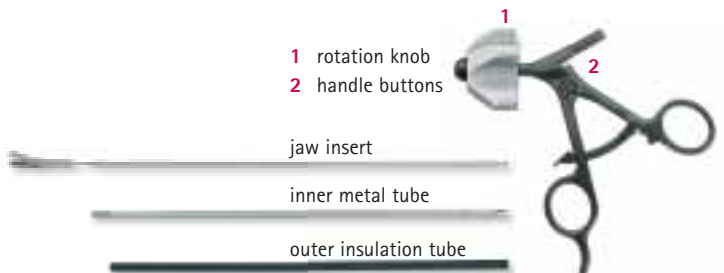
STEP 4
Test that the instrument is secured in the handle by pulling on the shaft. If shaft pulls out of handle, then repeat step 3 and step 4.



STEP 5
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.



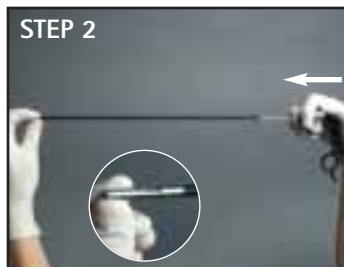
STEP 6
Test instrument by opening and closing handle to verify that the jaw has been inserted properly.



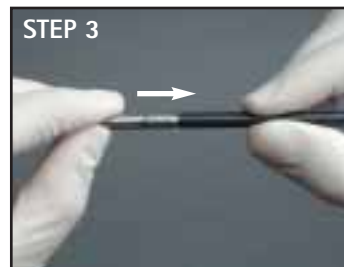
DISASSEMBLY



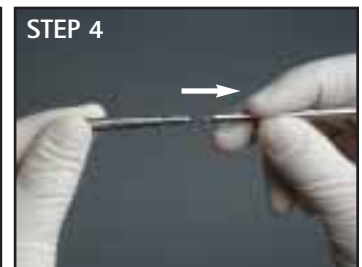
STEP 1
Depress black buttons on both sides of handle, continue to depress, pull rear ring down to release ball of jaw insert. Release buttons.



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

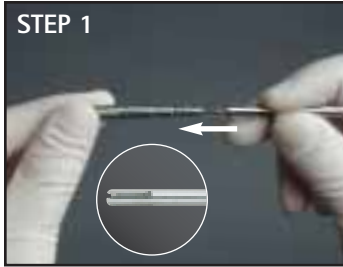


Aesculap Sovereign® Laparoscopic Instruments

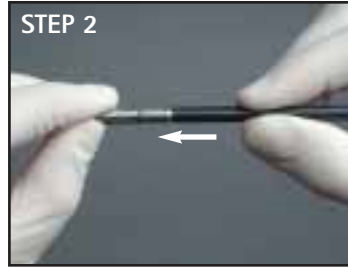
Instructions for quick and easy assembly and disassembly

For use with QUICK-SNAP™ PO958R and PO959R handles

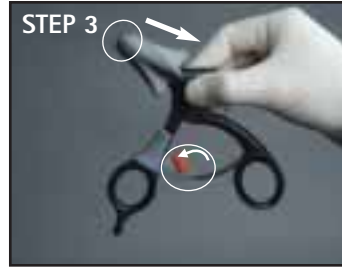
ASSEMBLY



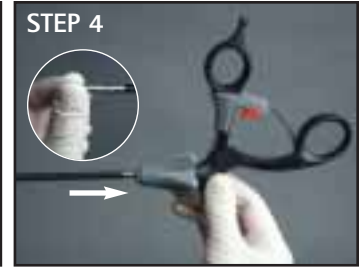
Slide the inner metal tube onto the jaw insert with its four spring tongues towards the working end until the tongues snap into place.



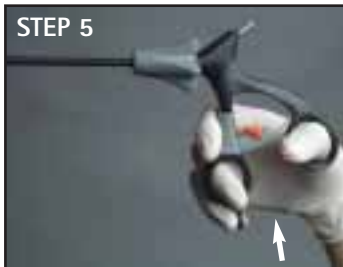
Slide the outer insulation tube as far as it will go over the inner metal tube.



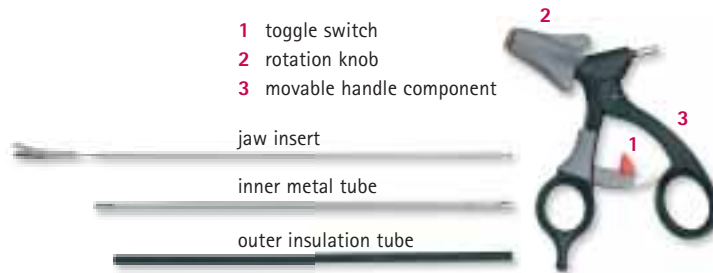
If the red ring is not visible, pull the rotation knob back. If you are using the ratchet style handle, deactivate ratchet by flipping down the red toggle switch.



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.



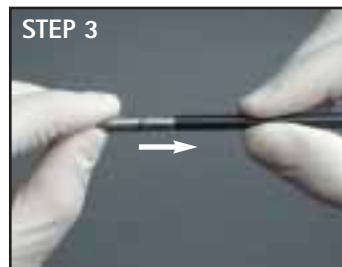
DISASSEMBLY



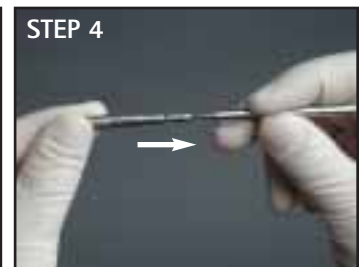
If ratchet style handle, deactivate ratchet by flipping down red toggle switch.



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.



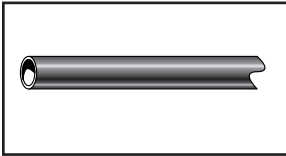
Hold the jaw insert at the tip and remove the inner metal tube.

Refer to instructions for use for complete care and handling information.

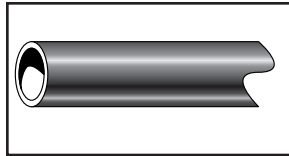
Scissors, Graspers, Dissectors – Modular System

MODULAR INSTRUMENT SPARE PARTS

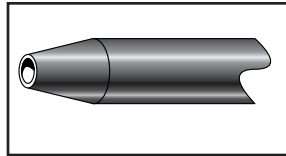
Insulated Outer Tubes



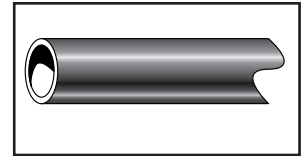
PM973R 5 mm, 31 cm
PM976R 5 mm, 37 cm
PM981R 5 mm, 42 cm



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.

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

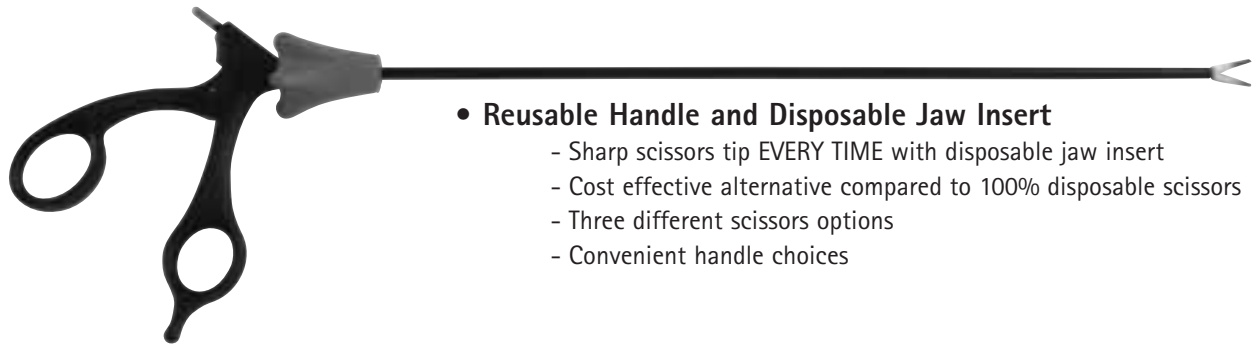
PM618201 Inner Metal Tube, 37 cm

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
 1/1	PO886	Disposable Hook Scissors, 5 mm, 31 cm, 10 per box for PO/PM handles
 1/1	PO887	Disposable Mini-Metz Scissors, 5 mm, 31 cm, 10 per box for PO/PM handles
 1/1	PO888 PO889	Disposable Metzenbaum Scissors, 5 mm, 31 cm, 10 per box for PO/PM handles Disposable Metzenbaum Scissors, 5 mm, 42 cm, 10 per box for PO/PM handles
	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	PL651R		
	Knot Pusher, 5 mm	PL432R		

* Instrument sold by component

Bipolar Instruments



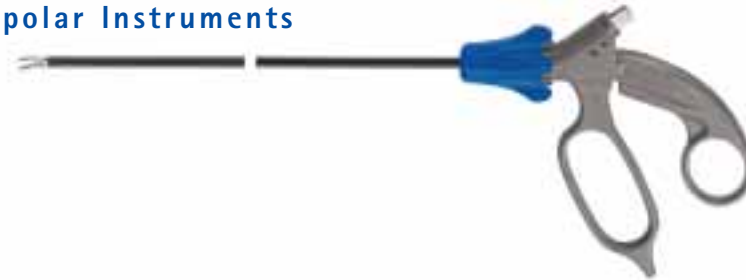
The enhanced safety of Ceramic Insulation in Reusable Bipolar Laparoscopic Modular Instruments



	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






Bipolar Instruments

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 Cable for Aesculap, Wolf, Martin, Berchtold, 12 ft.
	GK200 Cable for Valleylab, Conmed, Bovie, 12 ft.
	US349SP 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	32 cm, Syringe Handle Forceps
	MF980	45 cm, Syringe Handle Forceps
	MF975	32 cm, Scissors Handle Forceps
	MF985	45 cm, Scissors Handle Forceps
	MF971	32 cm, Jaw Insert Only
	MF981	45 cm, Jaw Insert Only
	MF966	Reusable Cable for Wolf Generator
	MF967	Reusable Cable for Valley Lab Generator

Specialty-Locking Graspers

Aesculap Graspers

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

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



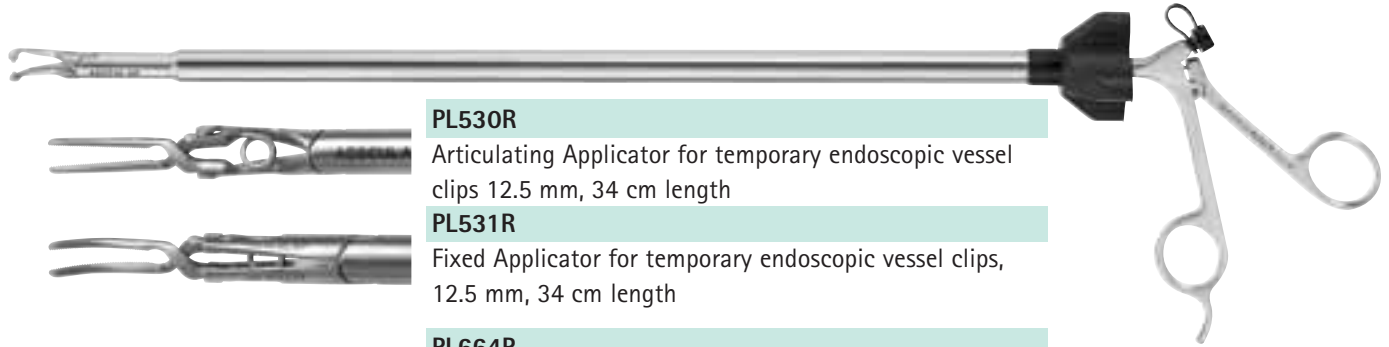
Sovereign PL057R
Prestige 8361-10



Specialty Instrument Sets – Advanced Procedure

INSTRUMENTS

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
	350 g	25 mm	short/straight
	450 g	45 mm	long/straight
	350 g	25 mm	short/curved
	450 g	45 mm	long/curved

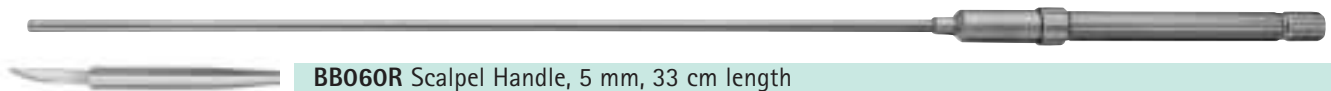
DISSECTING SPATULA



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

Specialty Instrument 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)

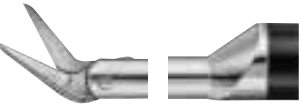













PM955R (Non-Ratchet)



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 PM941R Protection Sleeve for safe introduction through the 12.5 mm trocar	PO682R	PM992R		
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 De Bakey Atraumatic Clamp, straight, 50 mm Jaw, 10 mm, 22 cm	PM712R	PM992R		
1/2	PM175R* De Bakey 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)















PM955R (Non-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
	1/2 PM176R* De Bakey Atraumatic Clamp, S-shaped, 5 mm, 31 cm	PM689R	PM973R	■	
	1/2 PM173R Craford Endo-vascular Clamp, short jaw, 5 mm, 31 cm	PM713R	PM973R	■	
	PM178R Craford 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

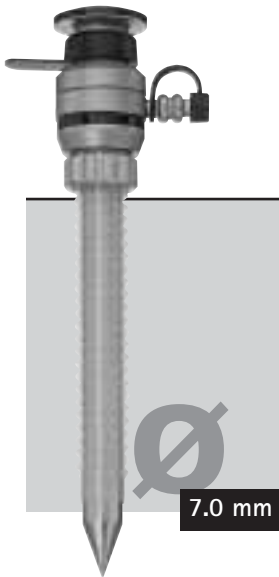
Specialty Instrument Sets – Advanced Procedure

FLEXIBLE TROCARS



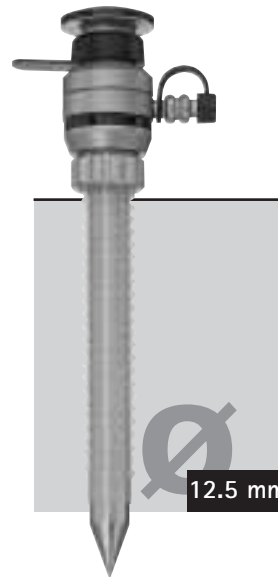
Complete trocar –100 mm length with valve and obturator

- 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



EJ800R

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



EJ590R

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



EJ804P Flexible Cannula, 7 mm x 75 mm

EJ806P Flexible Cannula, 7 mm x 100 mm

EJ824P Flexible Cannula, 12.5 mm x 75 mm

EJ826P Flexible Cannula, 12.5 mm x 100 mm



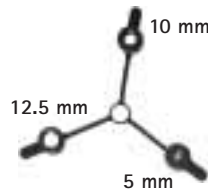
EJ801R

Trocar Body, 7 mm



EJ805R Obturator, 7 mm x 75 mm

EJ807R Obturator, 7 mm x 100 mm



EJ641P

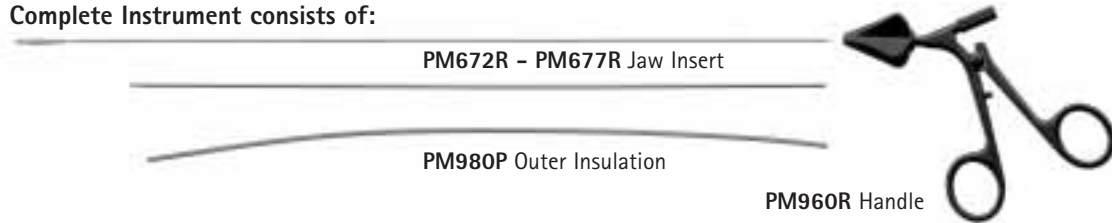
Reducing Converter



Specialty Instrument Sets - Needlescopic

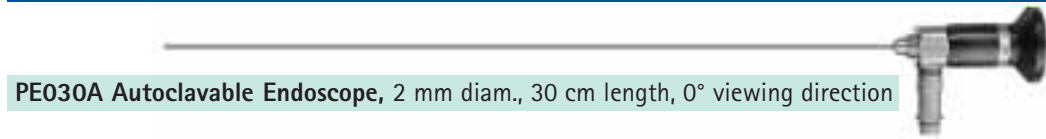
Needlescopic Instrument System - Long (31 cm)

Complete Instrument consists of:



		COMPLETE INSTRUMENT	COMPONENTS		
			JAW INSERT	INSULATED OUTER TUBES	HANDLE
	1/1	PM012R N.I.S. Peritoneal Scissors, 2.5 mm diam., 31 cm length	PM672R	PM980P	PM960R
	1/1	PM013R N.I.S. Micro Scissors, 2.5 mm diam., 31 cm length	PM673R	PM980P	PM960R
	1/1	PM145R N.I.S. Maryland Dissector, 2.5 mm diam., 31 cm length	PM674R	PM980P	PM960R
	1/1	PM146R N.I.S. Babcock Forceps, 2.5 mm diam., 31 cm length	PM675R	PM980P	PM960R
	1/1	PM507R N.I.S. Biopsy Forceps, 2.5 mm diam., 31 cm length	PM676R	PM980P	PM960R
	1/1	PM560R N.I.S. Needle Holder, 2.5 mm diam., 31 cm length	PM677R	PM980P	PM960R
	1/1	N.I.S. Monopolar Electrode , 2.5 mm diam., 31 cm length	GK476R	--	GK253Y with cable

SCOPE



TROCARS

EJ671R Cannula complete, with trocar, 2.5 mm diam., 9 cm length

EJ670R Trocar body, 2.5 mm

EJ683R Cannula shaft, threaded, 2.5 mm

EJ685R Tri-tip trocar, 2.5 mm










TROCAR SPARE PARTS

EJ570P	Flap valve, 20/pkg.	EJ700251	Trocar ring w/insufflation
EJ670202	Sealing cap, 2.5 mm for EJ671R	PM961R	Ratchet Handle option
EJ700250	Trocar ring w/o insufflation		

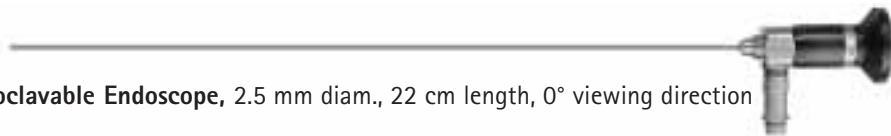
Specialty Instrument Sets - Needlescopic

Needlescopic Instrument System - Short (22 cm)

INSTRUMENTS

		COMPLETE INSTRUMENT	COMPONENTS		
			JAW INSERT	INSULATED OUTER TUBES	HANDLE
	1/1	PM017R N.I.S. Peritoneal Scissors, 2.5 mm diam., 22 cm length	PM706R	PM979P	PM960R
	1/1	PM018R N.I.S. Micro Scissors, 2.5 mm diam., 22 cm length	PM707R	PM979P	PM960R
	1/1	PM170R N.I.S. Maryland Dissector, 2.5 mm diam., 22 cm length	PM708R	PM979P	PM960R
	1/1	PM180R N.I.S. Babcock Forceps, 2.5 mm diam., 22 cm length	PM723R	PM979P	PM960R
	1/1	PM181R N.I.S. Straight Grasping and Dissecting Forceps, 2.5 mm diam., 22 cm length	PM724R	PM979P	PM960R
	1/1	PM508R N.I.S. Biopsy Forceps, 2.5 mm diam., 22 cm length	PM725R	PM979P	PM960R
	1/1	PM564R N.I.S. Durogrip Needle Holder, 2.5 mm diam., 22 cm length	PM709R	PM979P	PM960R

SCOPE

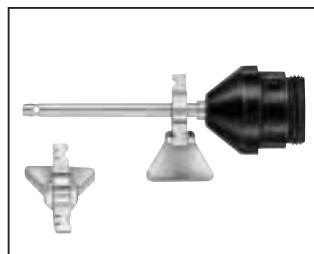


PE032A Autoclavable Endoscope, 2.5 mm diam., 22 cm length, 0° viewing direction

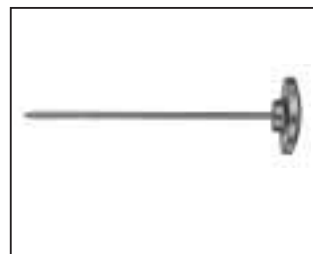
TROCARS



EJ670R Trocar Body,
including insufflation ring
flap valve and sealing cap



EJ672R Trocar Cannula
with removable suture fixation,
2.5 mm diam., 4 cm length



EJ675R Triangular Obturator
EJ676R Blunt Conical Obturator

TROCAR SPARE PARTS

EJ570P	Silicone Flap Valve, 20/pkg.	EJ700251	Trocar Ring w/insufflation
EJ670202	Sealing Cap, 2.5 mm for EJ671R	EJ751251	Insufflation Ring Cap, 20/pkg.
EJ700250	Trocar Ring w/o insufflation	EJ700800	Insufflation Ring with Cap

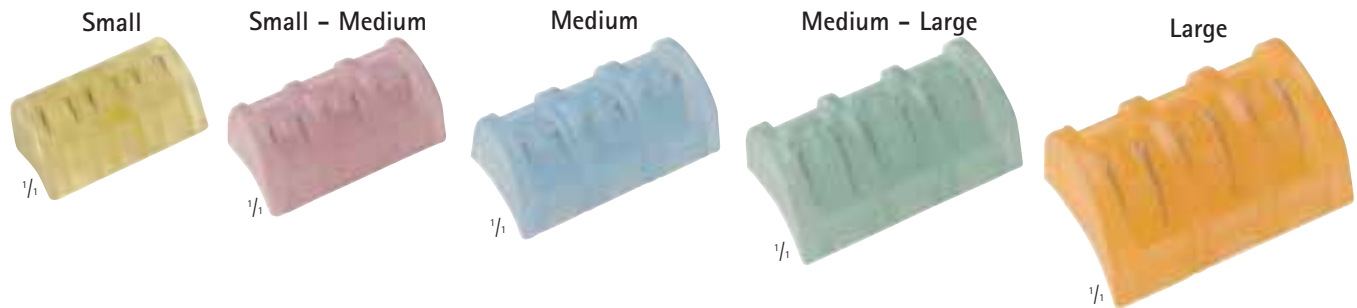


Clip Appliers

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

CLIP APPLIERS

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 LCASLS4R Diameter 10.0 mm Length 33 cm	LCASLS5R Diameter 10.0 mm Length 33 cm (<i>shown left</i>)	LCASLS6R Diameter 12.5 mm Length 33 cm

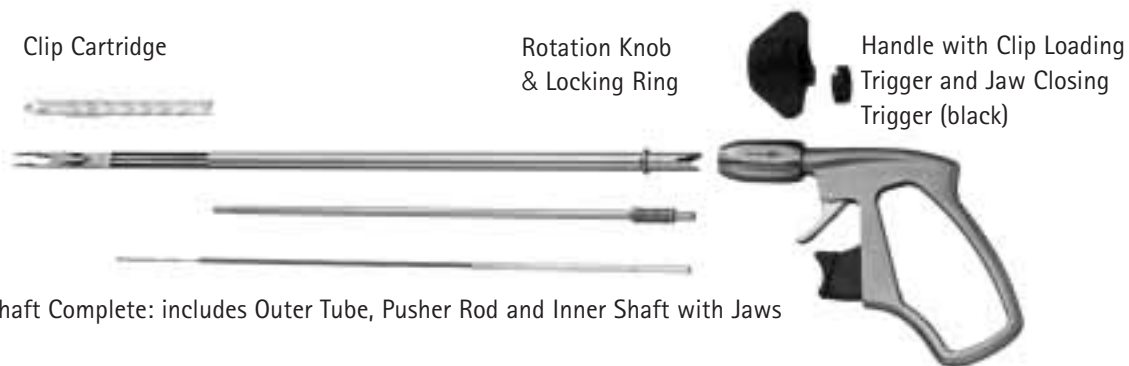


Multifire Clip Applier

SOVEREIGN® Multifire Clip Applier

The **reusable** Endoscopic Multifire Clip Applier with Titanium Clips

The Ideal Choice for Quality, Dependability and Economy



Sovereign Shaft Complete: includes Outer Tube, Pusher Rod and Inner Shaft with Jaws

CLIP APPLIERS

SOVEREIGN MULTIFIRE CLIP APPLIER

PL508R	Sovereign Multifire Clip Applier, shaft 10 mm diam., 26 cm length
PL506R	Sovereign Multifire Clip Applier, shaft 10 mm diam., 37 cm length
PL569T	Clip Cartridge, Box of 12 sterile Cartridges. Each cartridge contains 8 medium-large Titanium Clips



Convenient 8-clip cartridge allows fast, multiple clip application without reloading.



Sterile cartridge loads quickly and securely into the applier.



Clip design guarantees occlusion of lumen of the vessel.

SPARE PARTS

26 cm	37 cm	
PL538R	PL536R	Shaft Complete, Includes Outer Tube, Pusher Rod, Inner Tube with Jaws
PL538801	PL536801	Pusher Rod
PL538205	-	Outer Tube
PL538802	PL536802	Inner Tube
PL510R	PL510R	Handle
PL510300	PL510300	Rotation Knob
PL510301	PL510301	Locking Ring

Vascular Clip Applier/Remover



CLIP APPLIERS

CLIP APPLIER/REMOVER



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)

	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



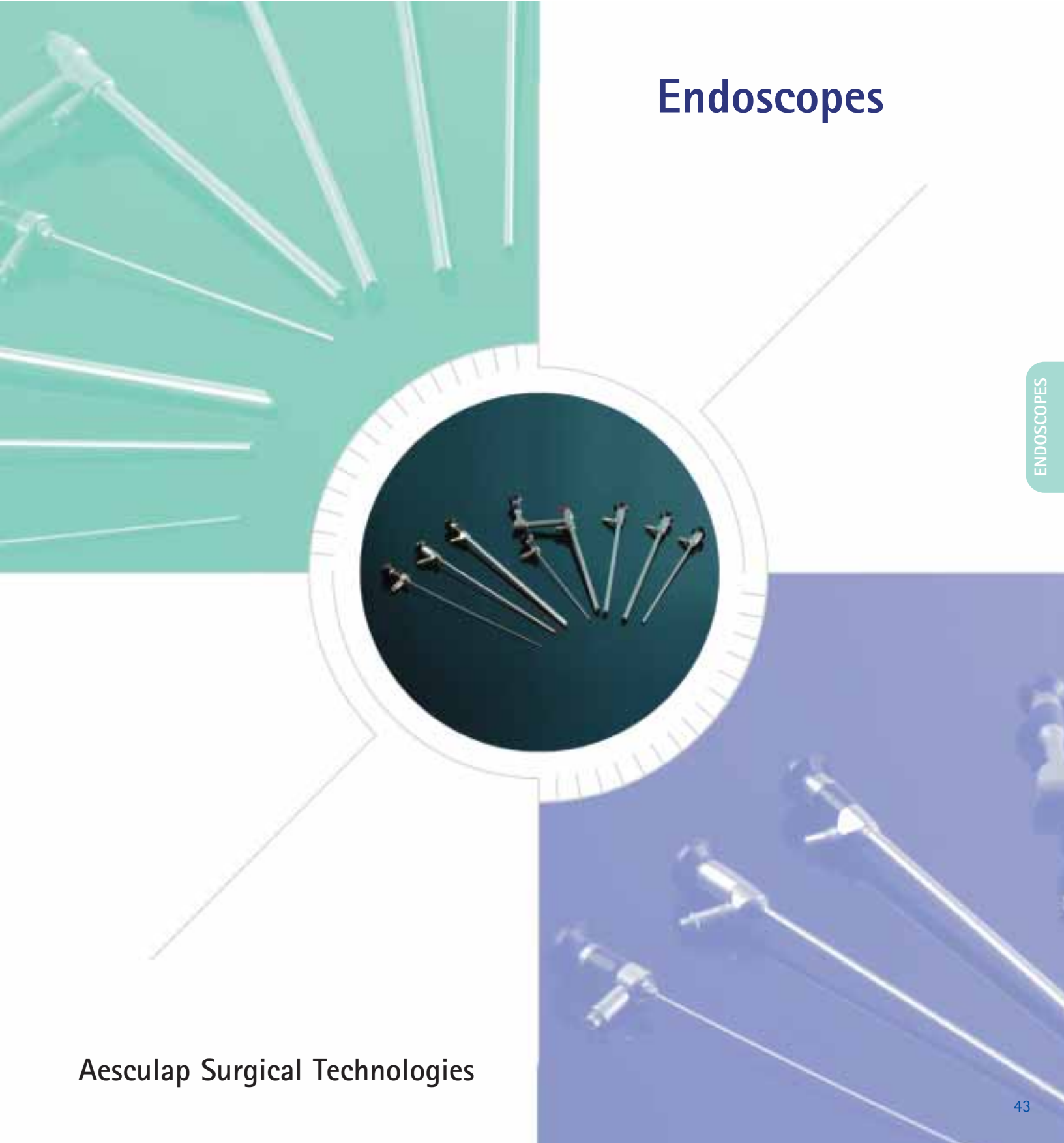
PL541S

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



Endoscopes

ENDOSCOPES



Aesculap Surgical Technologies

Endoscopes



LAPAROSCOPES

ITEM NO.		DIAMETER	VIEWING DIRECTION	LENGTH	STEAM AUTOCLAVE	STERRAD	STERIS
PE030A	Needlescopic, Semi-rigid	2 mm	0°	30 cm	•	•	
PE032A	Needlescopic, Semi-rigid	2.5 mm	0°	22 cm	•	•	•
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	•	•	

NEUROENDOSCOPES

ITEM NO.		DIAMETER	VIEWING DIRECTION	LENGTH	STEAM AUTOCLAVE	STERRAD	STERIS
PE183A	Short Ventriculoscope	2.7 mm	0°	26 cm	•	•	
PE203A	Short Ventriculoscope	2.7 mm	30°	26 cm	•	•	
PE188A	Ventriculoscope, Wide angle lens	2.7 mm	0°	30 cm	•	•	
PE208A	Ventriculoscope, Wide angle lens	2.7 mm	30°	30 cm	•	•	
PE184A	MINOP Angled Endoscope	2.7 mm	0°	18 cm	•	•	•
PE204A	MINOP Angled Endoscope	2.7 mm	30°	18 cm	•	•	•
PE486A	Pernechky Angled Endoscope	4 mm	0°	16 cm	•	•	•
PE506A	Pernechky Angled Endoscope	4 mm	30°	16 cm	•	•	•
PE526A	Pernechky Angled Endoscope	4 mm	70°	16 cm	•	•	•

STORAGE SYSTEMS

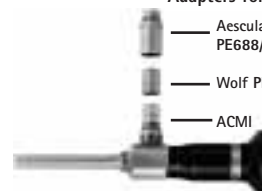
JF431R	Single Scope Tray, 17", for 5 mm/10 mm diameter scopes
JF432R	Double Scope Tray, 17", for 5 mm/10 mm diameter scopes
JF433R	Double Scope Tray, 17", for 2 mm/3 mm diameter scopes
JF324R	Half-Size Storage Basket for 4 mm Pernechky angled scopes
FF358R	Storage Rack for 2.7 mm MINOP angled scopes and trocars

Adapters for light guide cable

— Aesculap, Storz, Olympus, PE688/221

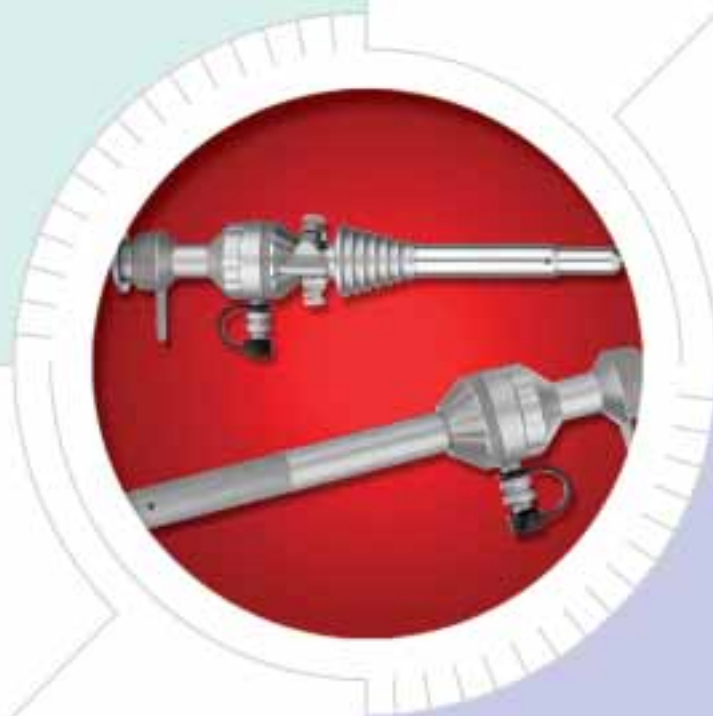
— Wolf PE688/219

— ACMI





Trocars



TROCARS

Reusable Trocar Systems

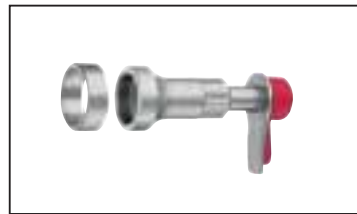
5.5 mm TROCARS



	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

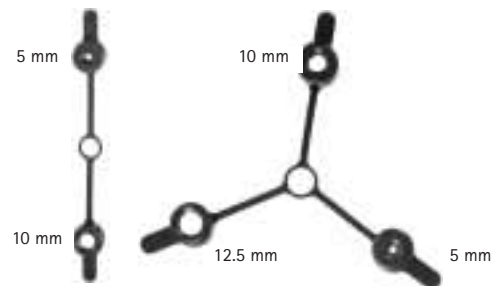


Reducing Sleeve

ITEM NO.	DIAMETER	LENGTH	GUIDE
EJ601R	10 mm	180 mm	5.5 mm
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
EJ601250	EJ603250	EJ605250
EJ601251		



Reducing Converters

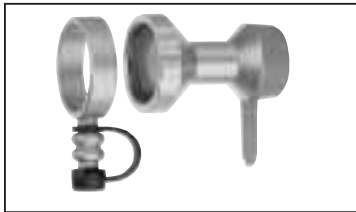
ITEM NO.	TROCAR DIAMETER	CONVERTS TO:
EJ640P	10 mm & 12.5 mm	5 mm/10 mm
EJ641P	12.5 mm	5 mm, 10 mm, 12.5 mm
EJ642P	13 mm	5 mm, 10 mm, 13 mm



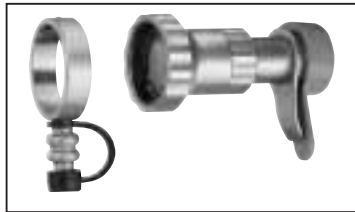
10 mm TROCARS



	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

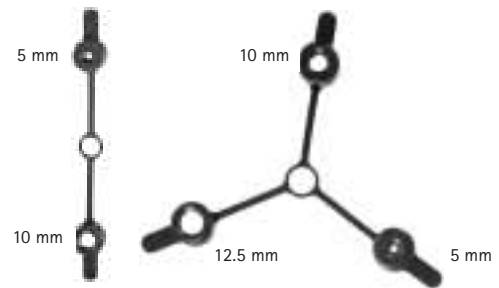


Reducing Sleeve

ITEM NO.	DIAMETER	LENGTH	GUIDE
EJ601R	10 mm	180 mm	5.5 mm
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
EJ601250	EJ603250	EJ605250
EJ601251		

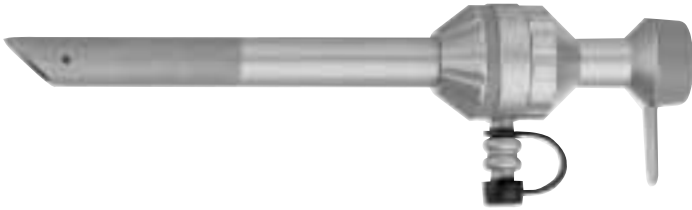


Reducing Converters

ITEM NO.	TROCAR DIAMETER	CONVERTS TO:
EJ640P	10 mm & 12.5 mm	5 mm/10 mm
EJ641P	12.5 mm	5 mm, 10 mm, 12.5 mm
EJ642P	13 mm	5 mm, 10 mm, 13 mm

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
--	--------	--------	--------	--------	--------	--------

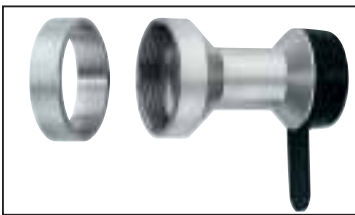
Smooth Cannula

	110 mm	---	EJ584R	EJ586R	EJ587R	EJ588R
--	--------	-----	--------	--------	--------	--------

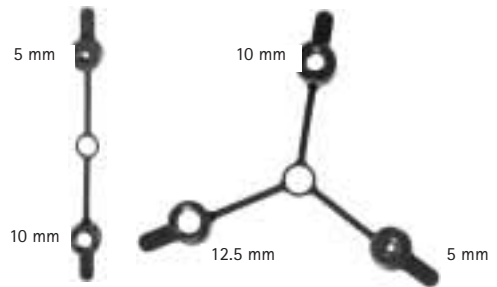
Threaded Cannula

	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
EJ601R	10 mm	180 mm	5.5 mm
EJ602R	13 mm	180 mm	5.5 mm
EJ604R	13 mm	180 mm	10 mm

Reducing Converters

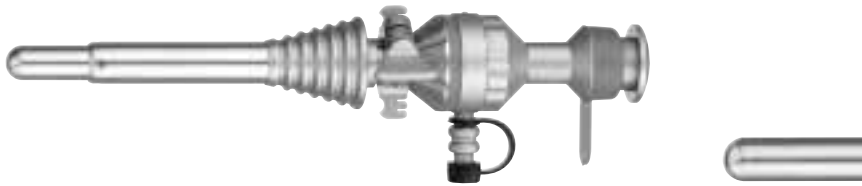
ITEM NO.	TROCAR DIAMETER	CONVERTS TO:
EJ640P	10 mm & 12.5 mm	5 mm/10 mm
EJ641P	12.5 mm	5 mm, 10 mm, 12.5 mm
EJ642P	13 mm	5 mm, 10 mm, 13 mm

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
EJ601251				



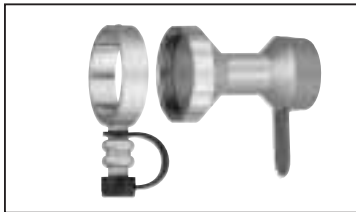
HASSON/MINI LAPAROTOMY STYLE TROCARS



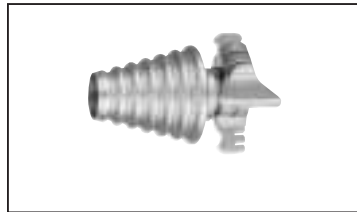
COMPLETE TROCAR W/OBTURATOR CANNULA ONLY BLUNT TIP OBTURATOR



100 mm EJ441R EJ432R EJ433R

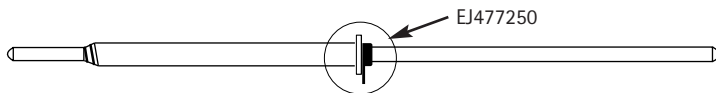


EJ750R Trocar Body



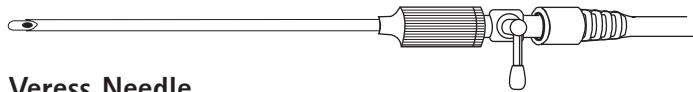
EJ430R Stability Cone

TROCAR SPARE PARTS



EJ477R Dilation/Exchange Rod, 5 mm - 10 mm

EJ477250 Sealing Cap for EJ477R, 20/pkg.

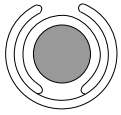


Veress Needle

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.



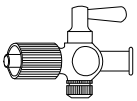
- EJ750251** Trocar Insufflation Ring with Luer Lock, 10 mm/12.5 mm, one piece
- EJ700251** Trocar Insufflation Ring with Luer Lock, 5 mm/7 mm, one piece



- 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.



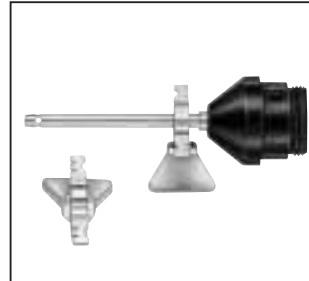
Needlescopic and Pediatric Trocars

NEEDLESCOPIC



- EJ671R** Cannula complete with Trocar, 2.5 mm diam., 9 cm
- EJ683R** Cannula Shaft, threaded, 2.5 mm diam.
- EJ670R** Tri-tip Trocar, 2.5 mm diam.

PEDIATRIC



- EJ672R** Trocar Cannula with removable suture fixation, 2.5 mm diam., 4 cm length
- EJ675R** Triangular Obturator
- EJ676R** Blunt Conical Obturator



- EJ670R** Trocar Body including insufflation ring with cap, flap valve and sealing cap



- EJ670R** Trocar Body including insufflation ring with cap, flap valve and sealing cap

TROCAR SPARE PARTS

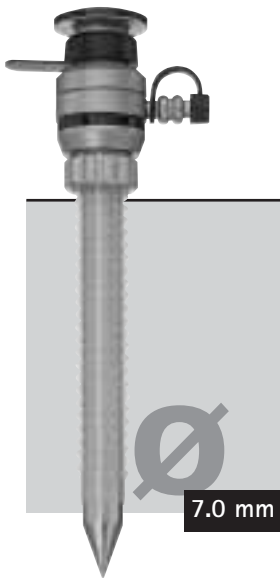
- EJ570P** Silicone Flap Valve, 20/pkg.
- EJ670202** Sealing Cap, 2.5 mm
- EJ700250** Trocar Ring w/o insufflation
- EJ700251** Trocar Ring w/insufflation
- EJ751251** Insufflation Port Cap, 20/pkg.
- EJ700800** Insufflation Ring with Cap

Flexible Trocars

Complete trocar -100 mm length with valve and obturator

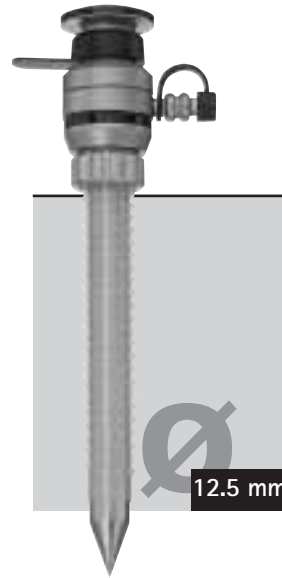


- Shaft sufficiently flexible to permit insertion of curved instruments and sufficiently firm to ensure access to the operation area
- For the use of curved instruments or special mouth shapes
- Trocar shaft in two different diameters and two different lengths



EJ800R

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



EJ590R

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



EJ804P Flexible Cannula, 7 mm x 75 mm

EJ806P Flexible Cannula, 7 mm x 100 mm

EJ824P Flexible Cannula, 12.5 mm x 75 mm

EJ826P Flexible Cannula, 12.5 mm x 100 mm



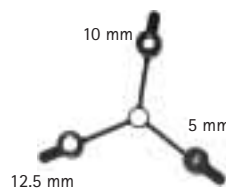
EJ801R

Trocar Body, 7 mm



EJ805R Obturator, 7 mm x 75 mm

EJ807R Obturator, 7 mm x 100 mm



EJ641P

Reducing Converter



Video Systems



Aesculap Surgical Technologies

VIDEO SYSTEMS

DAVID Cameras

NTSC DAVID THREE-CHIP CAMERA



TECHNICAL DATA

Chip	3x 1/2" Micro-lens-on-chip technology
Resolution Horizontal	>800 Lines
Signal-To-Noise Ratio	62 dB
Min. Light Sensitivity	0.4 Lux
Scope Optimization "mode"	Laparoscopy (High), Arthroscopy (Medium), Neuroendoscopy (Low)
Gain Function	Automatic
Video Outputs	1 RGB, 1 Composite Video, 2 SVHS, 1 SDI, 1 Remote Control
Dimensions (w x h x d)	12" x 3" x 12" (305 x 89 x 305 mm)
Weight CCU	10 lbs. (4.5 kg)
Camera Head Weight	3.9 oz. (113 g)

ITEM NO. DESCRIPTION

PV422	NTSC DAVID3 Three-Chip Camera
Consisting of:	
	Camera Control Unit
PV423	Camera Head and Cable, 3 m
PV963	SVHS Connecting Cable, 2 m

SYSTEM ACCESSORIES

PV122S	Endocoupler, f=25-50 mm, focusable
PV123S	Endocoupler, f = 30 mm, focusable
PV967	Remote Control Cable, for use with a Sony VCR/Videoprinter
PV416	RGB-RGB Cable (for connecting RGB videoprinter monitor), 2 m
PV424	RGB Connecting Cable, 1.8 m
US735	Power Cord



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)



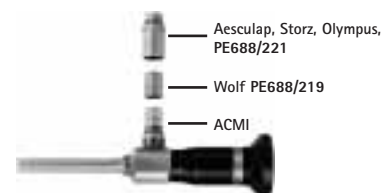
IF YOUR LIGHT SOURCE (LS) IS FROM:

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





Accessories

MONITORS and VIDEO ACCESSORIES



ITEM NO.	DESCRIPTION
PV925U	20" CRT Monitor including power cord, splash cover, control panel
MB019	21" Medical Grade LCD Monitor
MB027	Stand for 21" LCD Monitor
PV913U	SVHS Video recorder (NTSC) with power cord
MB036	nStream SingleStream Digital Video Recorder
MB007	Foot Switch for nStream SingleStream Digital Video Recorder
MB009	Medical Video Producer Software
MB037	DVD's (100 pack) for nStream SingleStream Digital Video Recorder
MB028	Color Video Printer with USB Digital Capture Capability
MB029	Media Print Pack for Color Video Printer with USB Digital Capture Capability
MB011	Video Cart, 5 Shelves with Door for CRT
MB031	LCD Post Mount for MB011
MB017	Video Cart, 5 Shelves with Door and LCD Post



Miscellaneous



Aesculap Surgical Technologies

Miscellaneous

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



GK633R
Bipolar Coagulation
Suction and Irrigation Tube

Insulated, 5 mm diam., 41 cm length. Can be disassembled.



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

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

ADDITIONAL ITEMS



PL430R

Myoma Fixation Screw

5 mm diam., 31 cm length



PL100R

Cholangiography Clamp (Maximum catheter diameter-5 French),
with Catheter Guide 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 1⅞" deep

* For additional sterilization and storage products please contact Customer Service at 800-282-9000 - Request SterilContainer™ System catalog, DOC132



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

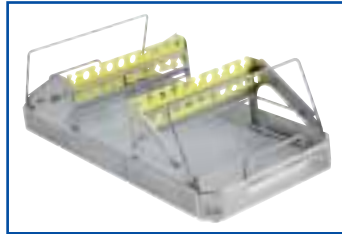
Includes: JF222R basket,
JG691 (8) instrument holding clamps



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 - Request SterilContainer™ System catalog, DOC132

Miscellaneous

EXTRA LONG CONTAINER SYSTEM*



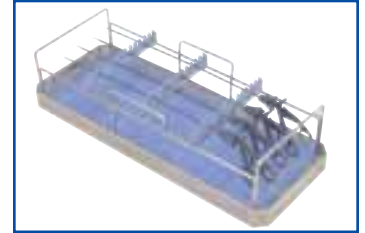
JN445

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

* For additional sterilization and storage products please contact Customer Service at 800-282-9000 - Request SterilContainer™ System catalog, DOC132



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