

Miltex
Redefining Excellence



LAPAROSCOPIC INSTRUMENTS



INTRODUCTION

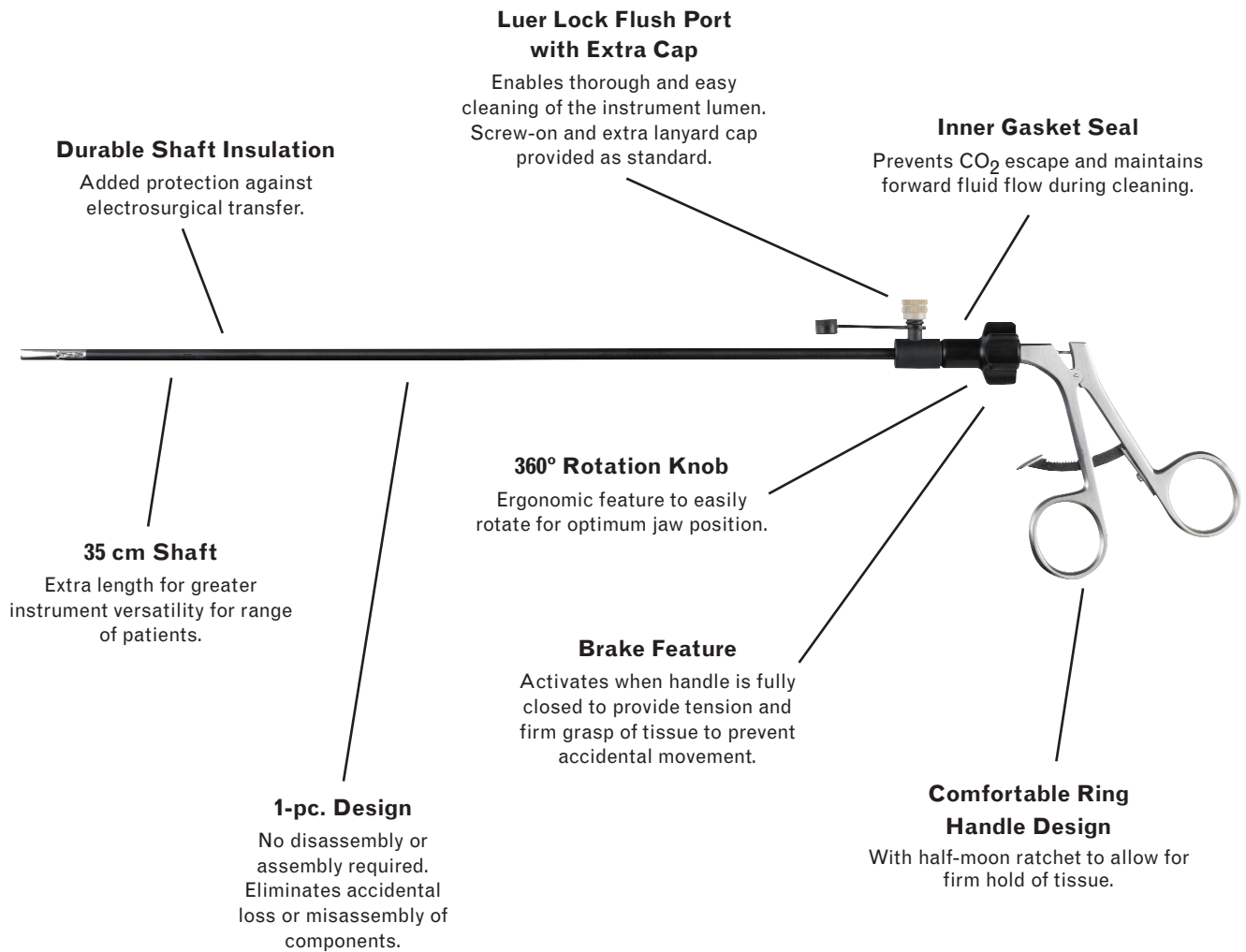
For over 50 years, Miltex® has proven to be a name you can trust in providing the highest quality German crafted instruments combined with experience, dependable delivery, outstanding service, and competitive pricing.

We are pleased to introduce the new Miltex® Laparoscopic instrument line, which offers a full selection of the most popular patterns of precision graspers, dissectors, scissors, needle holders, biopsy forceps, specialty instruments, and laparoscopes. Our ergonomic one-piece design offers greater ease of use by eliminating the potential for lost or mis-matched components as well as the lengthy disassembly and reassembly time needed for modular designs. In addition, the one-piece instrument design incorporates a flush port for easier and thorough cleaning, 360° full rotation with brake feature, monopolar hook-up for reliable electrosurgical use, durable insulation, and 35 cm lengths for greater range of procedural use.

In addition, Miltex® 5 mm and 10 mm laparoscopes are fully autoclavable, offering outstanding optical quality with brilliant high definition image quality. Each scope is constructed for reliable durability and comes equipped with adapters for connection to most conventional light sources.

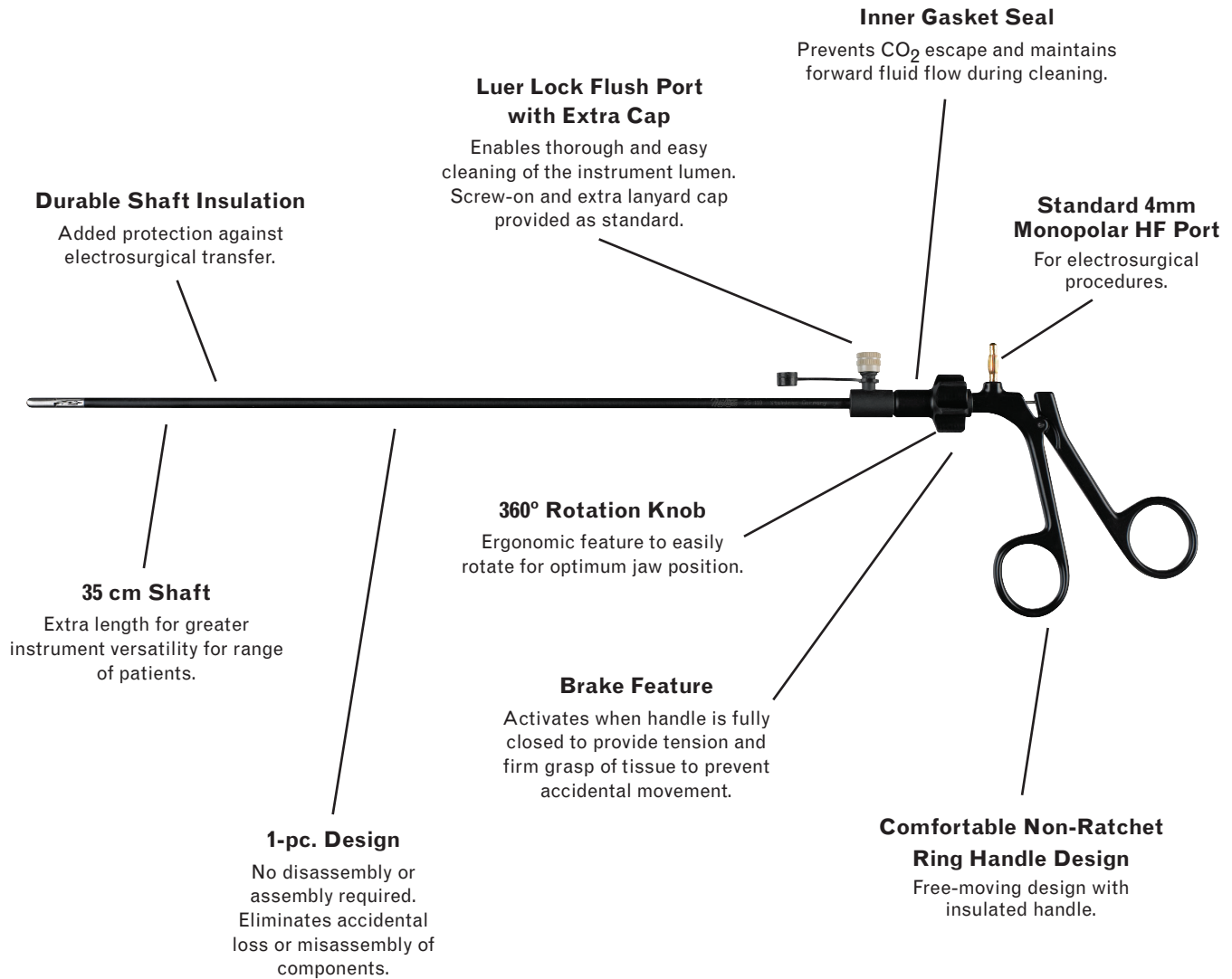
All Miltex® Laparoscopic instruments are German crafted with the highest quality stainless steel and are manufactured to our stringent specifications.

RATCHET HANDLE INSTRUMENT



For additional information or special instrument needs, please contact your Miltex Sales Representative or authorized dealer for assistance.

STANDARD HANDLE INSTRUMENT



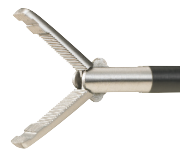
Laparoscopic Grasping Forceps

- Lightweight 1-piece design eliminates timely disassembly/reassembly and potential for mis-matched or lost components
- Insulated sheath for added safety for the medical professional
- Ergonomic ratchet handle with 360° finger rotation knob which allows for single-handed operation and smooth, consistent rotation which helps to reduce hand fatigue
- Rotation lock/brake feature engages when the handle is in fully closed position to maintain firm control of grasped tissue
- 5 mm OD and 35 cm shaft for extra length and greater instrument versatility for larger patients
- Luer lock flush port for optimized cleaning of the inner lumen. Extra screw-on and lanyard caps provided as standard
- REF 35-110 available with standard non-ratchet handle, monopolar HF port and fully insulated sheath and handle*
- Ideal for precise manipulation and firm grasp of varying types of tissue
- 10 popular patterns available, all having dual action jaws for increased tissue access



Insulated Sheath with Ratchet Handle

35-100 through 35-109

REF	Description	REF	Description
	35-100 DUAL CUP GRASPING FORCEPS, 5 mm OD, 35 cm shaft, dual action jaws, ratchet handle w/rotation lock, w/flush port, insulated sheath		35-102 ATRAUMATIC ALLIS GRASPING FORCEPS, standard pattern jaw length, 5 mm OD, 35 cm shaft, dual action jaws, ratchet handle w/rotation lock, w/flush port, insulated sheath
	35-101 RETRACTION-GRASPING FORCEPS 2X3 blunt teeth, 5 mm OD, 35 cm shaft, dual action jaws, ratchet handle w/rotation lock, w/flush port, insulated sheath		35-103 ATRAUMATIC ALLIS GRASPING FORCEPS, long jaw 20 mm length, 5 mm OD, 35 cm shaft, dual action jaws, ratchet handle w/rotation lock, w/flush port, insulated sheath

REF	Description
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35-104	ALLIS GRASPING FORCEPS, 5 mm OD, 35 cm shaft, dual action jaws with interlocking distal teeth and inner serrated jaws, ratchet handle w/rotation lock, w/flush port, insulated sheath
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35-105	BABCOCK (ATRAUMATIC) GRASPING FORCEPS, 23 mm long dual action jaws, 5 mm OD, 35 cm shaft, ratchet handle w/rotation lock, w/flush port, insulated sheath
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35-106	BOWEL GRASPING FORCEPS, 20 mm long fenestrated & dual action jaws, 5 mm OD, 35 cm shaft, ratchet handle w/rotation lock, w/flush port, insulated sheath
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REF	Description
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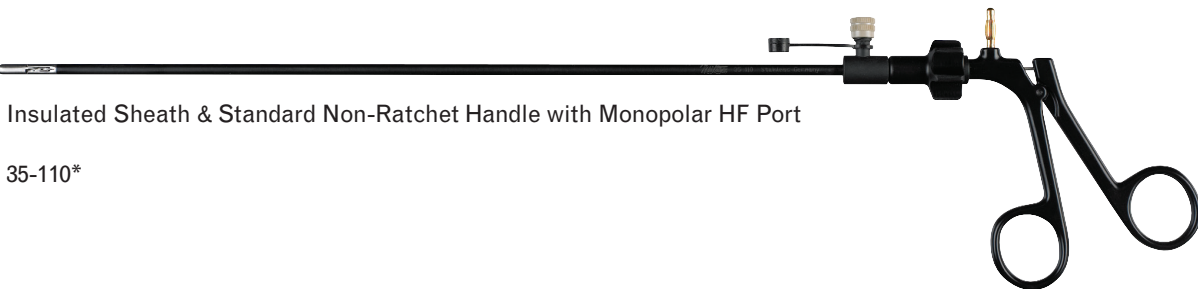
35-107	RETROGRADE GRASPING FORCEPS, 5 mm OD, 35 cm shaft, dual action jaws, ratchet handle w/rotation lock, w/flush port, insulated sheath
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35-108	DEBAKEY FORCEPS, straight 45 mm fenestrated & dual action jaws, 5 mm OD, 38 cm shaft, ratchet handle w/rotation lock, w/flush port, insulated sheath
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35-109	GRASPING FORCEPS, 5 mm OD, 35 cm shaft, dual action jaws, ratchet handle w/rotation lock, w/flush port, insulated sheath
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Insulated Sheath & Standard Non-Ratchet Handle with Monopolar HF Port

35-110*

REF	Description
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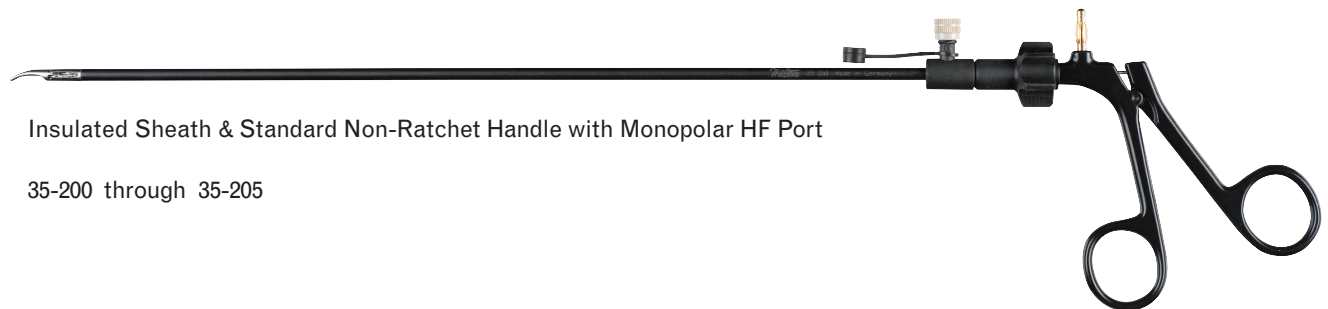


35-110	*GRASPING FORCEPS, 5 mm OD, 35 cm shaft, dual action jaws, non-ratchet handle w/rotation lock, monopolar HF port, w/flush port, insulated sheath & handle
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For additional information or special instrument needs, please contact your Miltex Sales Representative or authorized dealer for assistance.

Laparoscopic Dissecting Forceps

- Lightweight 1-piece design eliminates timely disassembly/reassembly and potential for mis-matched or lost components
- Ergonomic standard free-moving handle with 360° finger rotation knob which allows for single-handed operation and smooth, consistent rotation which helps reduce hand fatigue
- Rotation lock/brake feature engages when the handle is in fully closed position to maintain firm control of grasped tissue
- 5 mm OD and 35 cm shaft for extra length and greater instrument versatility for larger patients
- Luer lock flush port for optimized cleaning of the inner lumen. Extra screw-on and lanyard caps provided as standard
- Monopolar HF hook-up port for optional electrosurgical use combined with insulated sheath and handle for added safety for the medical professional
- Ideal for precise dissection and separation of varying types of tissue
- 6 popular patterns available, all having dual action jaws for increased tissue access



Insulated Sheath & Standard Non-Ratchet Handle with Monopolar HF Port

35-200 through 35-205

REF	Description	REF	Description
	35-200 TAPERED MARYLAND DISSECTOR, curved dual action jaws, 5 mm OD, 35 cm shaft, non-ratchet handle w/rotation lock, monopolar HF port, w/flush port, insulated sheath & handle		35-203 BULLET-NOSE DISSECTING FORCEPS, 5 mm OD, 35 cm shaft, dual action jaws, non-ratchet handle w/rotation lock, monopolar HF port, w/flush port, insulated sheath & handle
	35-201 MARYLAND DISSECTOR, curved dual action jaws, 5 mm OD, 35 cm shaft, non-ratchet handle w/rotation lock, monopolar HF port, w/flush port, insulated sheath & handle		35-204 TAPERED DISSECTING FORCEPS, 5 mm OD, 35 cm shaft, dual action jaws, non-ratchet handle w/rotation lock, monopolar HF port, w/flush port, insulated sheath & handle
	35-202 MICRO DISSECTING FORCEPS, 5 mm OD, 35 cm shaft, delicate & fenestrated dual action jaws, non-ratchet handle w/rotation lock, monopolar HF port, w/flush port, insulated sheath & handle		35-205 MIXTER SPREADER-DISSECTOR, 5 mm OD, 35 cm shaft, dual action jaws, non-ratchet handle w/rotation lock, monopolar HF port, w/flush port, insulated sheath & handle

Laparoscopic Scissors

- Lightweight 1-piece design eliminates timely disassembly/reassembly and potential for mis-matched or lost components
- Ergonomic standard free-moving handle with 360° finger rotation knob which allows for single-handed operation and smooth, consistent rotation which helps to reduce hand fatigue
- SuperCut patterns have a razor-sharp upper blade and finely-serrated lower blade to provide clean and precise cut without tissue slippage
- Rotation lock/brake feature engages when the handle is in fully closed position to maintain firm control of grasped tissue
- 5 mm OD and 35 cm shaft for extra length and greater instrument versatility for larger patients
- Luer lock flush port for optimized cleaning of the inner lumen. Extra screw-on and lanyard caps provided as standard
- Monopolar hook-up port for optional electrosurgical use combined with insulated sheath and handle for added safety for the medical professional
- REF 35-303 SuperCut scissors is a standard non-insulated stainless steel pattern without rotation and monopolar features*
- Ideal for reliable cutting of varying types of tissue
- 4 popular patterns available for a range of procedures

Insulated Sheath & Standard Non-Ratchet Handle with Monopolar HF Port
35-300 through 35-302

Non-Insulated Sheath & Handle
35-303*

REF Description



35-300 SUPERCUT METZENBAUM SCISSORS, curved dual action jaws, 5 mm OD, 35 cm shaft, non-ratchet handle w/rotation lock, monopolar HF port, w/flush port, insulated sheath & handle



35-301 HOOK SCISSORS, single action jaws, 5 mm OD, 35 cm shaft, non-ratchet handle w/rotation lock, monopolar HF port, w/flush port, insulated sheath & handle

REF Description



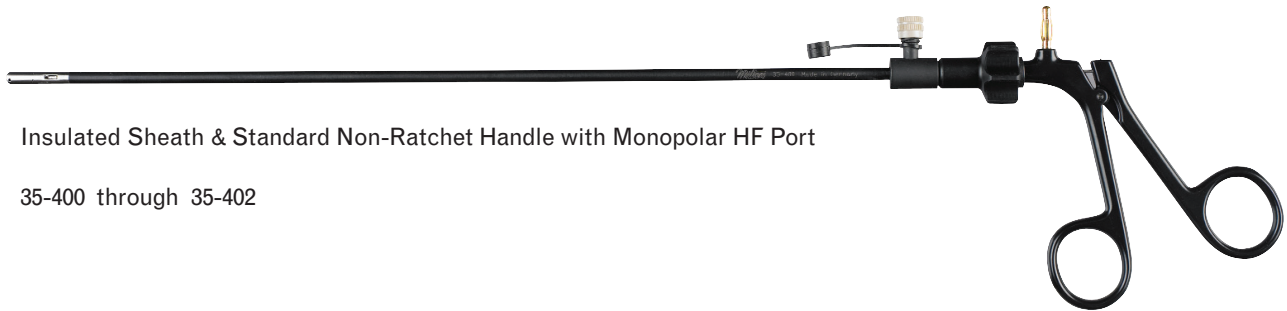
35-302 SUPERCUT SCISSORS, straight single action jaws, 5 mm OD, 35 cm shaft, non-ratchet handle w/rotation lock, monopolar HF port, w/flush port, insulated sheath & handle



35-303 *SUPERCUT SCISSORS, stainless steel, non-insulated, straight single action jaw, 5 mm OD, 35 cm shaft, non-ratchet handle, w/flush port

Laparoscopic Biopsy Punches & Forceps

- Lightweight 1-piece design eliminates timely disassembly/reassembly and potential for mis-matched or lost components
- Ergonomic standard free-moving handle with 360° finger rotation knob which allows for single-handed operation and smooth, consistent rotation which helps to reduce hand fatigue
- Rotation lock/brake feature engages when the handle is in fully closed position to maintain firm control of grasped tissue
- 5 mm OD and 35 cm shaft for extra length and greater instrument versatility for larger patients
- Luer lock flush port for optimized cleaning of the inner lumen. Extra screw-on and lanyard caps provided as standard
- Monopolar HF hook-up port for optional electrosurgical use combined with insulated sheath and handle for added safety for the medical professional
- Ideal for assisting with reliable biopsy specimen collection
- 3 popular patterns available



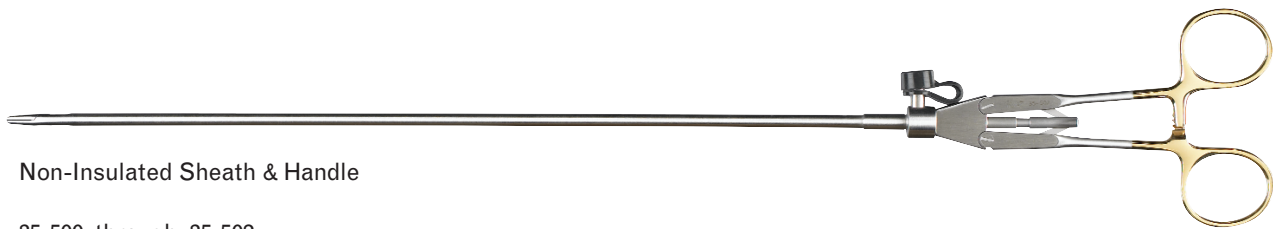
Insulated Sheath & Standard Non-Ratchet Handle with Monopolar HF Port

35-400 through 35-402

REF	Description	REF	Description
	35-400 BIOPSY FORCEPS, w/tooth on each jaw, single action, 5 mm OD, 35 cm shaft, non-ratchet handle w/rotation lock, monopolar HF port, w/flush port, insulated sheath & handle		35-402 BIOPSY FORCEPS, oval fenestrated jaws, single action, 5 mm OD, 35 cm shaft, non-ratchet handle w/rotation lock, monopolar HF port, w/flush port, insulated sheath & handle
	35-401 BIOPSY PUNCH, w/lower serrated jaw, single action, 5 mm OD, 35 cm shaft, non-ratchet handle w/rotation lock, monopolar HF port, w/flush port, insulated sheath & handle		

Laparoscopic Needle Holders - Tungsten Carbide

- Lightweight ergonomic 1-piece design eliminates timely disassembly/reassembly and potential for mis-matched or lost components
- Tungsten Carbide jaws provide firm grip on needles minimizing slippage and are less susceptible to wear
- In-line ring handle design places surgeon's hand in line with the needle to help facilitate natural suturing motion
- German stainless steel with gold-plated finger rings for easy identification
- Luer lock flush port for optimized cleaning of the inner lumen. Extra screw-on and lanyard caps provided as standard
- 5 mm OD and 35 cm shaft for extra length and greater instrument versatility for larger patients
- 3 popular patterns available (left, right, straight)



Non-Insulated Sheath & Handle

35-500 through 35-502

	REF	Description
	35-500	IN-LINE TUNGSTEN CARBIDE NEEDLE HOLDER, left curved single action jaw, 5 mm OD, 35 cm shaft, w/flush port, stainless steel non-insulated
	35-501	IN-LINE TUNGSTEN CARBIDE NEEDLE HOLDER, right curved single action jaw, 5 mm OD, 35 cm shaft, w/flush port, stainless steel non-insulated

	REF	Description
	35-502	IN-LINE TUNGSTEN CARBIDE NEEDLE HOLDER, straight single action jaw, 5 mm OD, 35 cm shaft, w/flush port, stainless steel non-insulated

For additional information or special instrument needs, please contact your Miltex Sales Representative or authorized dealer for assistance.

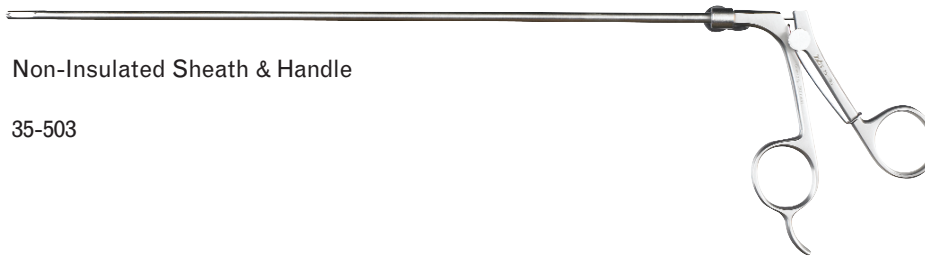
Laparoscopic Specialty Forceps

- Lightweight ergonomic 1-piece design eliminates timely disassembly/reassembly and potential for mis-matched or lost components
- German stainless steel with spring-loaded handle. The spring-loaded handle can be disengaged for free movement of handle
- Claw forceps available in 5 mm & 10 mm OD and are ideal for cholecystectomy and appendectomy procedures
- Spoon forceps available in 10 mm OD with wide and large cup-shaped jaws which are ideal for retrieval of stones, fragments and tissue
- Luer lock flush port for optimized cleaning of the inner lumen. Extra screw-on and lanyard caps provided as standard
- 35 cm shaft for extra length and greater instrument versatility for larger patients
- Ideal for strong grasp of varying types of tissue and reliable extraction.
- 3 popular patterns available



Non-Insulated Sheath & Handle

35-504



Non-Insulated Sheath & Handle

35-503



REF	Description
35-503	CLAW FORCEPS, spring-loaded handle, stainless steel, non-insulated, single action jaw, 5 mm OD, 35 cm shaft, w/flush port



REF	Description
35-504	CLAW FORCEPS, spring-loaded handle, stainless steel, non-insulated, single action jaw, 10 mm OD, 35 cm shaft, w/flush port



REF	Description
35-505	SPOON FORCEPS, spring-loaded handle, stainless steel, non-insulated, single action jaw, 10 mm OD, 35 cm shaft, w/flush port

For additional information or special instrument needs, please contact your Miltex Sales Representative or authorized dealer for assistance.

Laparoscopes (Autoclavable)

- Rod-lens system and technology which provides brilliant high-definition image and outstanding optical quality
- 5 mm & 10 mm OD patterns available with various direction of view angle options
- Stainless steel with all possible leakage paths laser welded and/or solder-sealed
- Distal and proximal ends made from scratch resistant sapphire glass
- Triple tube (lumen) design provides added resistance to bending and lens cracking
- Each laparoscope comes equipped with special lens polishing paste and three standard light-source adapters: ACMI/British Standard, Richard Wolf & Storz/Olympus
- High quality German-crafted instruments are fully Autoclavable at 132° C
- 4 popular patterns for a range of procedures



REF	Description
35-600	LAPAROSCOPE, 5 mm OD, 0° direction of view, fully autoclavable, 30 cm working length
35-601	LAPAROSCOPE, 5 mm OD, 30° direction of view, fully autoclavable, 30 cm working length

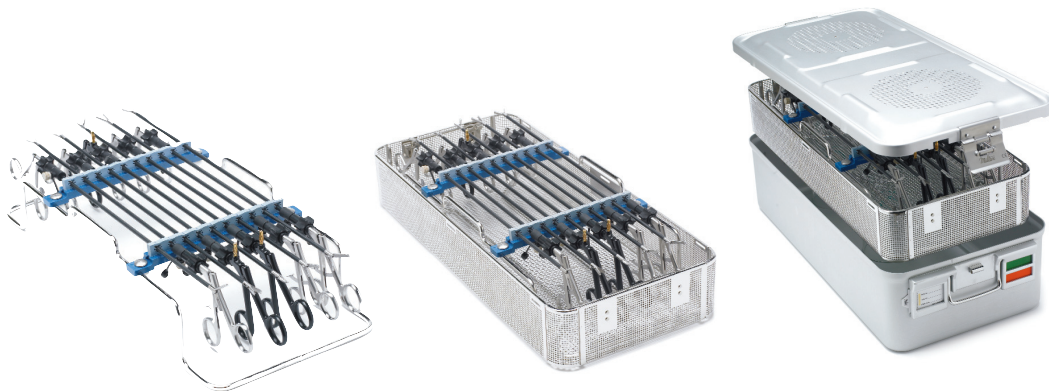
REF	Description
35-603	LAPAROSCOPE, 10 mm OD, 0° direction of view, fully autoclavable, 33 cm working length
35-604	LAPAROSCOPE, 10 mm OD, 30° direction of view, fully autoclavable, 33 cm working length

ENDOSCOPIC INSTRUMENT RACK

For The Miltex® Sterilization Container System



REF	Description
3-5770-00	Endoscopic Instrument Rack 19-3/4" L (50.2 cm) x 8-3/4" W (22.2 cm) x 4" H (10.2 cm)



FEATURES AND BENEFITS

- Compatible with 6" Full-Size Sterilization Container.
- Rack fits inside Full-Size perforated or wire basket and allows ample storage underneath for other instruments and auxiliary items.
- Holds up to 10 instruments and suitable for Arthroscopic, Laparoscopic and Endoscopic instruments ranging from 3mm to 8mm OD.
- Latex-Free and constructed with medical grade silicone grips and stainless steel frame.
- Cushioned grips protect delicate insulation of endoscopic instruments and provides protection during transport.
- Offset side hand grips facilitate easy and aseptic removal of rack and instruments.

Contact us for more information on the complete Miltex® Sterilization Container System offering.



LIMITED WARRANTY

All Miltex® Laparoscopic Surgical Instruments are guaranteed with a One-Year Limited Warranty against defects in workmanship and materials. This warranty excludes wear to scissors blades and jaws.

All Miltex® Laparoscopes are guaranteed with a Two-Year Limited Warranty against defects in workmanship and materials.

Any Miltex® Instrument which proves defective in workmanship or material will either be repaired or replaced at our discretion, without charge. Our liability under this guarantee shall be limited to repair or replacement of defective merchandise.

Carefully read and follow the care and handling instructions which are supplied with each instrument. This will ensure proper function and increase the life of each quality instrument.



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