

PRECISION ENGINEERING. LIFE-SAVING IMPACT

Advancing Minimally Invasive Surgery Through Innovation,
Quality & Clinical Excellence



Manufacturing Advanced Surgical Technologies for Healthcare Professionals Worldwide



Aventura

About Aventra Medtech Pvt. Ltd

Aventra Medtech Pvt. Ltd. is an Indian medical technology company focused on the design, development, manufacturing, and distribution of super-speciality medical devices for modern surgical practice.

The company serves a broad spectrum of clinical disciplines including Minimally Invasive Surgery, Laparoscopy, Urology, Andrology, Gynaecology, General Surgery, Gastroenterology, and Robotic-Assisted Surgery. Guided by a commitment to clinical performance and patient safety, Aventra develops solutions that support procedural efficiency, surgical precision, and improved healthcare delivery.

Operating from an ISO 13485:2016 certified manufacturing facility, Aventra maintains CDSCO-approved Manufacturing Licenses for Class A, B, C, and D Medical Devices. The organization is supported by controlled cleanroom environments, in-house sterilization capabilities, product traceability systems, and dedicated Quality Assurance, Quality Control, Regulatory Affairs, and Engineering functions.

By combining scientific expertise, disciplined quality systems, and strategic collaboration with global medical technology organizations, Aventra continues to expand access to advanced surgical technologies while contributing to the advancement of healthcare in India and international markets.



Our Purpose

Advancing surgical care through innovation, precision, and uncompromising quality.

Our Vision

To be a globally respected medical technology company shaping the future of healthcare through transformative innovation and clinical excellence.

Our Mission

To develop and deliver advanced medical technologies that empower healthcare professionals, elevate surgical performance, and create meaningful improvements in patient care worldwide

Core Values



Innovation

Pursuing continuous advancement to solve evolving clinical challenges and improve healthcare delivery.



Integrity

Building trust through ethical conduct, transparency, and responsibility in everything we do.



Quality

Embedding excellence into every product, process, and decision to ensure safety, reliability, and performance.



Accountability

Taking ownership of our commitments and delivering results with discipline, consistency, and professionalism.



Collaboration

Fostering strong partnerships that create shared value for healthcare professionals, customers, and communities.



Patient Focus

Keeping patient well-being at the heart of every innovation, every decision, and every outcome.

Our Products

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- › Ventra Flow™ Advanced Intelligent Insufflation Platform
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- › Polymer Reusable Clip Applier
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- › Polymer Reusable Clip Remover
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- › Trocar Site Closure System
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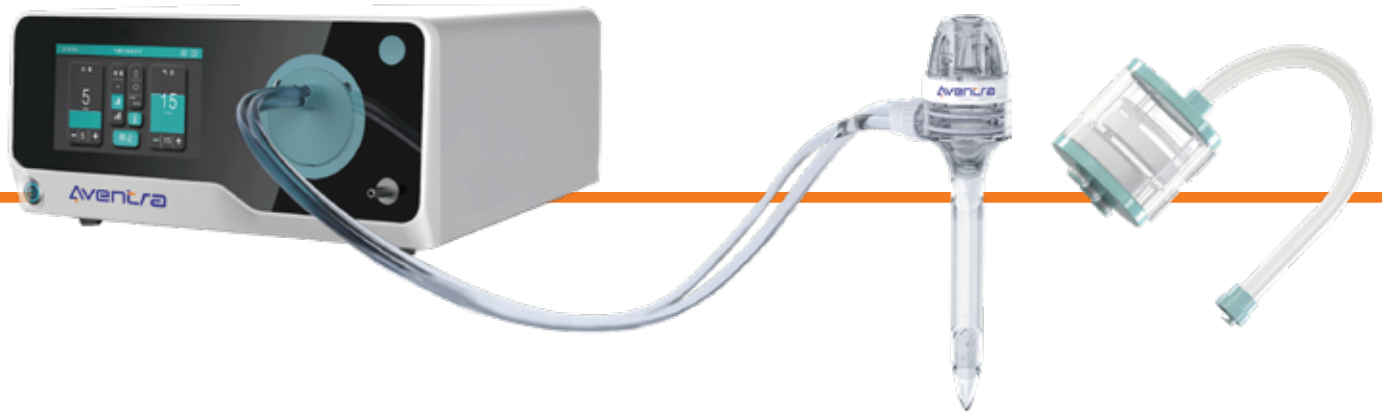
LAPAROSCOPIC INSTRUMENTS

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- › Uterine Manipulator & Injector System
- › Monopolar Cord
- › Monopolar J Hook Probe
- › Monopolar L Hook Probe
- › Monopolar Spatula Probe
- › Aspiration Needle
- › Insufflation Tubing Set
- › Monopolar Scissors
- › Maryland Dissectors

VENTRAFLOW™ Advanced Intelligent Insufflation Platform

Redefining Pneumoperitoneum Management for Advanced Minimally Invasive Surgery



**Beyond Insufflation | Beyond Smoke Evacuation
Engineered for Surgical Precision.**

VENTRAFLOW™ is Aventra's next-generation intelligent insufflation platform engineered to deliver exceptional pressure stability, continuous smoke management, and uninterrupted surgical visualization throughout laparoscopic and robotic-assisted procedures.

By integrating intelligent pressure sensing, high-flow CO₂ delivery, real-time pressure stabilization, and advanced closed-circuit smoke filtration technology, VENTRAFLOW™ creates an optimized surgical environment that empowers surgeons to operate with confidence, precision, and control.

Designed for modern minimally invasive surgery, VENTRAFLOW™ goes beyond conventional insufflation by maintaining a stable operative workspace, supporting clear visualization, and enhancing procedural efficiency from first trocar entry to final closure.

Intelligent Pressure Stabilization

Advanced real-time pressure monitoring and intelligent control algorithms continuously maintain the desired pneumoperitoneum, helping preserve a stable operative field even during suction, smoke evacuation, and instrument exchanges.

Continuous Smoke Management

Actively removes surgical plume generated by electro-surgical and ultrasonic energy devices, supporting uninterrupted visualization and a consistently clear surgical field throughout the procedure.

Closed-Circuit Filtration Technology

Innovative circular filtration technology continuously

filters surgical smoke while minimizing gas loss, supporting efficient CO₂ utilization and helping maintain a controlled operative environment.

High-Flow CO₂ Performance

Rapid cavity establishment and responsive pressure recovery provide dependable support during complex and demanding surgical procedures.

Dual Operating Modes

Offers both Circular Mode and Classic Mode, allowing surgeons to select the optimal insufflation strategy based on procedural requirements and surgical preferences.

Advanced Minimally Invasive Surgery Platform

- > General Surgery
- > Colorectal Surgery
- > Hepatobiliary Surgery
- > Bariatric Surgery
- > Gynaecology
- > Urology
- > Thoracic Surgery
- > Paediatric Surgery
- > Robotic-Assisted Surgery
- > SinglePort Surgery

CLINICAL ADVANTAGES

- › Stable Pneumoperitoneum
- › Continuous Surgical Smoke Management
- › Enhanced Surgical Visualization
- › Real-Time Pressure Monitoring
- › Intelligent Pressure Response
- › Reduced Visual Interruption During Energy Device Use
- › Consistent Operative Field Stability
- › Optimized Performance During Complex Procedures
- › Supports Advanced Laparoscopic Techniques
- › Supports Robotic-Assisted Surgery

KEY TECHNOLOGY FEATURES

- › Intelligent Constant Pressure Control
- › Advanced Pressure Stabilization Technology
- › High-Flow CO₂ Delivery Platform
- › Continuous Automatic Smoke Management
- › Closed-Circuit Filtration Technology
- › Real-Time Pressure Monitoring
- › Dedicated Pressure Sensing Port
- › Triple-Lumen Tubing Architecture
- › Independent Insufflation and Smoke Management Channels
- › Advanced Dual-Layer Filtration System
- › Circular & Classic Operating Modes
- › Low Pressure Surgery Compatibility
- › Stable Pneumoperitoneum Maintenance
- › Advanced Touchscreen User Interface
- › Intelligent Safety Monitoring System
- › Compatible with Advanced Laparoscopic and Robotic Surgical Workflows

REF	CODE	TYPE	DIMENTION
AVFLIM26	VF26100-V	Ventraflow Advanced Insufflator System	
AVFT5100	VF5100-V	Ventraflow Trocar and Insufflation Tubing Set	Ø5MM X 100MM
AVFT12100	VF12100-V	Ventraflow Trocar and Insufflation Tubing Set	Ø12MM X 100MM

ACCESS SYSTEMS

Disposable Optical Trocar

Direct Visualization | Secure Fixation | Precision Access

The Aventura™ Optical Trocar – Z-Thread is designed to provide safe, controlled, and visually guided access to the abdominal cavity during laparoscopic procedures. Engineered for use with compatible endoscopes, the optical tip enables direct visualization of tissue layers during insertion, supporting precise trocar placement and enhanced procedural confidence.

Featuring an advanced Z-Thread fixation design, the trocar delivers secure abdominal wall anchorage and helps minimize inadvertent port migration throughout the procedure. The optimized thread geometry facilitates smooth insertion while maintaining stable positioning and reliable pneumoperitoneum.

Designed for surgeons who demand precision, control, and dependable performance, the Aventura® Optical Trocar – Z-Thread supports efficient laparoscopic access across a broad range of minimally invasive surgical specialties.



Z-Thread

Key Features

- Optical entry system for direct visualization during trocar insertion
- Advanced Z-Thread cannula design for enhanced fixation and stability
- Helps maintain secure trocar positioning throughout the procedure
- Supports reliable pneumoperitoneum retention
- Smooth and controlled abdominal wall penetration
- Ergonomic housing for improved handling and control
- Compatible with standard laparoscopic endoscopes
- Available in multiple diameters and lengths to suit various surgical applications

- Controlled and precise abdominal access
- Reliable maintenance of pneumoperitoneum
- Supports procedural efficiency and workflow optimization
- Suitable for advanced minimally invasive surgical techniques



Clinical Benefits

- Enhanced confidence through visually guided entry
- Improved trocar stability and reduced port migration

REF	CODE	TYPE	DIMENTION
ASOTZ05100	1VT705100-V	Standard Optical trocar -Z thread	ø5MM X 100MM
ASOTZ11100	1VT710100-V	Standard Optical trocar -Z thread	ø11MM X 100MM
ASOTZ12100	1VT712100-V	Standard Optical trocar -Z thread	ø12MM X 100MM

Disposable Balloon Trocar

Secure Access | Enhanced Visualization | Reliable Retention



The AVENTRA™ Balloon Optical Trocar is an advanced laparoscopic access device designed to facilitate safe, controlled, and visually guided entry into the abdominal cavity during minimally invasive surgical procedures. Integrating optical access technology with a balloon retention mechanism, it provides enhanced visualization during insertion while helping maintain stable port fixation and reliable pneumoperitoneum throughout the procedure.



Featuring an advanced Z-Thread fixation design, the trocar delivers secure abdominal wall anchorage and helps minimize inadvertent port migration throughout the procedure. The optimized thread geometry facilitates smooth insertion while maintaining stable positioning and reliable pneumoperitoneum.

Designed for surgeons who demand precision, control, and dependable performance, the Aventra® Optical Trocar – Z-Thread supports efficient laparoscopic access across a broad range of minimally invasive surgical specialties.



Key Features

- > Optical access technology for visually guided trocar placement
- > Balloon retention system for secure abdominal wall fixation
- > Helps minimize unintended trocar migration during surgery
- > Supports reliable pneumoperitoneum maintenance
- > Ergonomic design for enhanced handling and procedural control
- > Effective sealing system to reduce gas leakage
- > Compatible with standard laparoscopic instruments and telescopes
- > Sterile, single-use design

Clinical Applications

- > General Laparoscopic Surgery
- > Bariatric Surgery
- > Urological Procedures
- > Gynecological Procedures
- > Colorectal Surgery
- > Pediatric Laparoscopic Surgery
- > Advanced Minimally Invasive Surgical Procedures

REF	CODE	TYPE	DIMENTION
ABOT570	1BT105070-V	Balloon Optical Trocar	Ø5MM X 70MM
ABOT5100	1BT105100-V	Balloon Optical Trocar	Ø5MM X 100MM
ABOT11100	1BT110100-V	Balloon Optical Trocar	Ø11MM X 100MM
ABOT12100	1BT11210R-V	Balloon Optical Trocar	Ø12MM X 100MM

Disposable Hasson Trocar

Secure Open Access | Stable Retention | Confident Performance

The Aventura™ Balloon Hasson Trocar is designed to provide reliable open-entry laparoscopic access with enhanced abdominal wall retention. Combining the proven safety of the Hasson technique with an integrated balloon anchoring mechanism, the device helps maintain trocar stability throughout the procedure while supporting consistent pneumoperitoneum.

Engineered for surgeons performing advanced minimally invasive procedures, the Aventura™ Balloon Hasson Trocar delivers secure fixation, minimizes inadvertent port displacement, and promotes procedural efficiency. The balloon retention system provides dependable anchoring within the abdominal wall, allowing surgeons to focus on operative precision with confidence.

Designed for use across General Surgery, Bariatric Surgery, Gynaecology, Urology, Paediatric Surgery, and Advanced Laparoscopic procedures, the Aventura™ Balloon Hasson Trocar offers dependable access performance where stability matters most.





Key Features

- › Integrated balloon retention technology for enhanced trocar stability
- › Designed for open (Hasson) laparoscopic access technique
- › Supports maintenance of pneumoperitoneum
- › Helps reduce unintended port migration during surgery
- › Secure abdominal wall fixation for improved procedural confidence
- › Ergonomic design for intuitive handling and control
- › Available in multiple sizes to support diverse surgical applications
- › Suitable for a broad range of minimally invasive procedures

Clinical Benefits

- › Enhanced trocar retention and stability
- › Improved procedural efficiency and workflow
- › Reliable maintenance of pneumoperitoneum
- › Greater surgeon confidence during minimally invasive procedures
- › Reduced risk of accidental trocar dislodgement

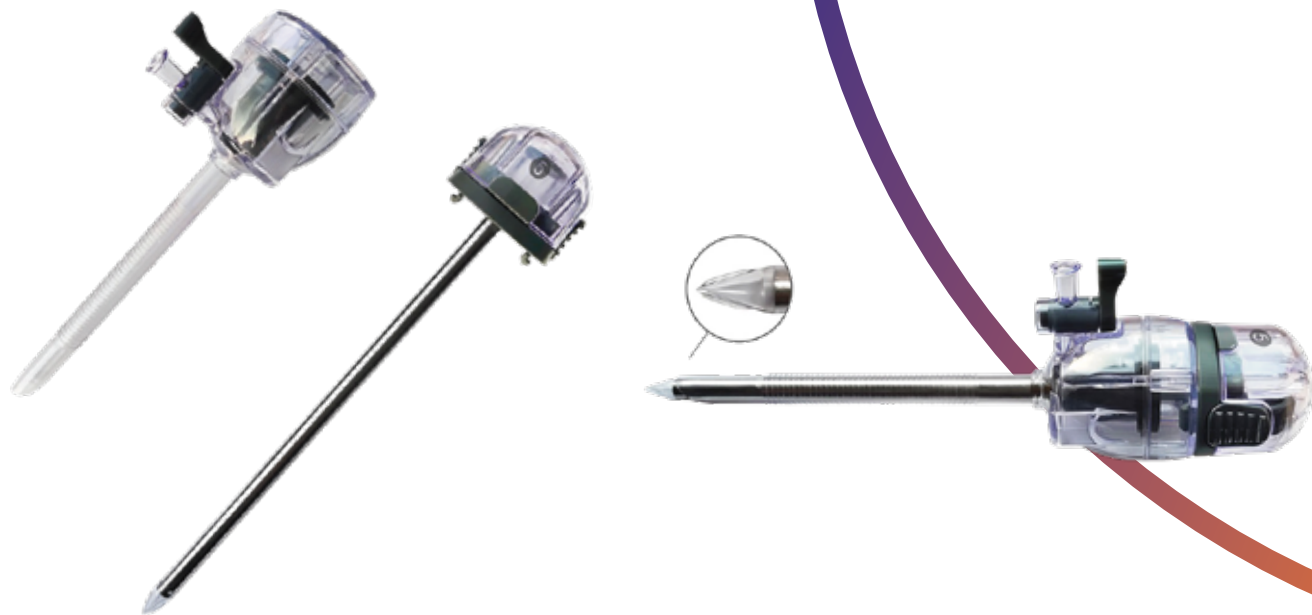
REF	CODE	TYPE	DIMENTION
ABHT11100	1BT710100-V	Balloon Hassan trocar	Ø11MM X 100MM
ABHT12100	1BT71210R-V	Balloon Hassan trocar	Ø12MM X 100MM
ABHTA12100	1BT712100-V	Balloon Hassan trocar (Anchor Fixation)	Ø12MM X 100MM

Disposable Pediatric Trocar



REF	CODE	TYPE	DIMENTION
APOTBR0345	BO71303045-V	Disposable Paediatric Trocar	Ø3MM X 45MM
APOTBR0565	BO71405065-V	Disposable Paediatric Trocar	Ø5MM X 65MM

Disposable Optical Trocar Clear



REF	CODE	TYPE	DIMENTION
ASOTBR5100	B070505100-V	Disposable Standard Optical Trocar Clear	Ø5MM X 100MM
ASOTBR10100	B070610100-V	Disposable Standard Optical Trocar Clear	Ø10MM X 100MM
ASOTBR12100	B070712100-V	Disposable Standard Optical Trocar Clear	Ø12MM X 100MM
ABOTBR5100	B07F105100-V	Disposable Balloon Optical Trocar	Ø5MM X 100MM
ABOTBR110100	B07F110100-V	Disposable Balloon Optical Trocar	Ø10MM X 100MM
ABOTBR12100	B07F112100-V	Disposable Balloon Optical Trocar	Ø12MM X 100MM

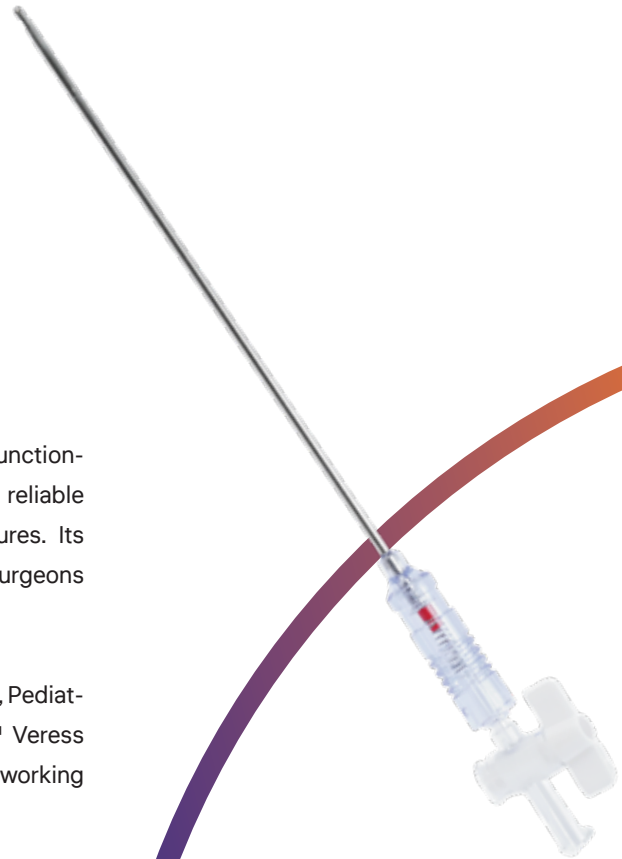
Disposable Veress Needle

Precision Entry | Reliable Performance | Safe Pneumoperitoneum Access

The Aventura™ Veress Needle is designed to facilitate safe and efficient establishment of pneumoperitoneum during laparoscopic procedures. Engineered for precise abdominal access, the needle features a spring-loaded blunt stylet mechanism that helps minimize the risk of inadvertent tissue injury while providing controlled entry into the peritoneal cavity.

Manufactured to deliver consistent performance and dependable functionality, the Aventura™ Veress Needle supports rapid insufflation and reliable access for a wide range of minimally invasive surgical procedures. Its ergonomic design enhances user control and handling, helping surgeons achieve accurate placement with confidence.

Suitable for General Surgery, Gynecology, Urology, Bariatric Surgery, Pediatric Surgery, and other laparoscopic interventions, the Aventura™ Veress Needle is an essential instrument for creating a safe and effective working space prior to trocar placement.



Key Features

- › Spring-loaded blunt stylet safety mechanism
- › Designed for safe establishment of pneumoperitoneum
- › Sharp cannula for controlled tissue penetration
- › Smooth and reliable needle deployment
- › Ergonomic hub for improved handling and control
- › Compatible with standard insufflation systems
- › Available in multiple lengths to meet procedural requirements
- › Sterile, single-use design



Clinical Benefits

- › Supports safe and controlled abdominal entry
- › Facilitates efficient CO₂ insufflation
- › Helps minimize the risk of unintended tissue injury
- › Reliable performance during laparoscopic access
- › Enhances surgeon confidence during initial entry
- › Optimized for a broad range of minimally invasive procedures

REF	CODE	TYPE	DIMENTION
AVN12	1VN112000-V	Veress Needle	Ø12CM
AVN15	1VN115000-V	Veress Needle	Ø15CM

LIGATION SYSTEMS

Precision Engineered. Securely Locked.

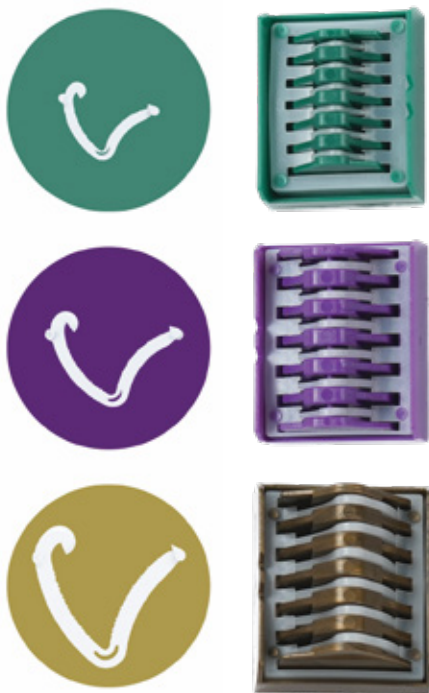
The Aventura™ Polymer Ligation System is designed to provide dependable ligation of vessels and tubular structures during minimally invasive and open surgical procedures.

Combining advanced polymer clip technology with ergonomically engineered appliers, the system delivers secure clip retention, precise deployment, and consistent clinical performance across a wide range of surgical specialties.

Developed to support modern surgical workflows, the Aventura™ platform offers both traditional singleclip application and advanced multi-fire clip delivery options, enabling surgeons to select the most appropriate solution based on procedural requirements.

Key Features

- › Secure non-absorbable polymer clip technology
- › Reliable locking mechanism for enhanced clip retention
- › Ergonomic instrument design for optimal control and handling
- › Available in multiple clip sizes to accommodate varying tissue and vessel diameters
- › Designed for laparoscopic and open surgical applications
- › Consistent performance to support procedural efficiency
- › Compatible with General Surgery, Gastrointestinal Surgery, Hepatobiliary Surgery, Urology, Gynecology, and Thoracic procedures



Traditional System Polymer Ligating Clips

Designed for secure mechanical ligation, Aventura™

Polymer Ligating Clips provide reliable vessel and duct occlusion through a precision locking mechanism engineered to maintain clip integrity throughout the procedure.

Manufactured from highperformance medical-grade polymer, the clips are radiolucent, non-conductive, and available in multiple sizes to support diverse surgical applications.

REF	CODE	TYPE	DIMENTION
APLCML	1CC130000-V	Polymer Ligation Clip -M/L - Green	Ø3-10MM
APLCL	1CC140000-V	Polymer Ligation Clip – L - Purple	Ø5-13MM
APLCXL	1CC150000-V	Polymer Ligation Clip – XL - Gold	Ø7-16MM

Polymer Reusable Clip Applier

The Aventura™ Precision Reusable Clip Applier is engineered for controlled and accurate clip deployment during minimally invasive surgical procedures. Featuring an ergonomic handle design, smooth actuation mechanism, and durable reusable construction, the instrument provides surgeons with exceptional tactile feedback and procedural confidence while supporting long-term operational efficiency.

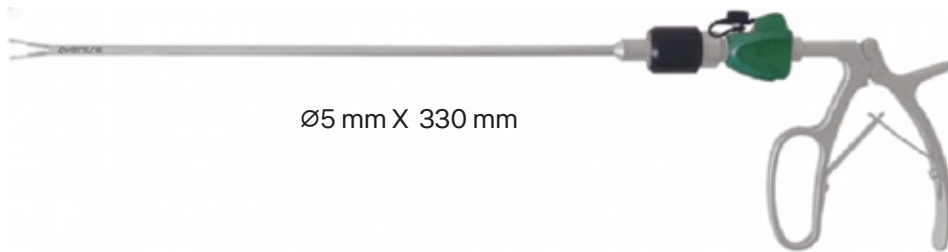
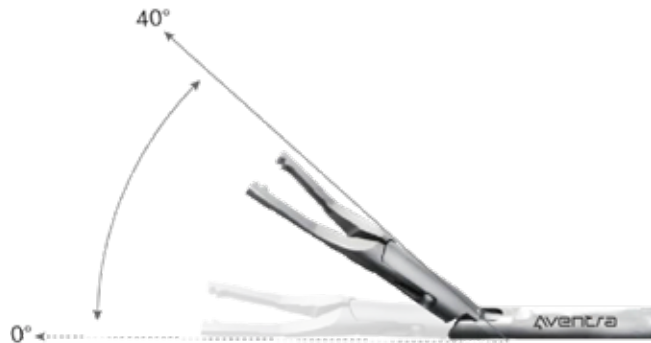


Shaft Length Available Sizes : 330MM-380MM-450MM-480MM

REF	CODE	TYPE	DIMENTION
APLCAML	1CA100030-V	Reusable Clip Applier M/L Green	Ø5MM
APLCAL	1CA100040-V	Reusable Clip Applier L Purple	Ø10MM
APLCAXL	1CA100050-V	Reusable Clip Applier XL Gold	Ø10MM

Polymer Articulating Clip Applier

The Aventura™ Precision Reusable Clip Applier is engineered for controlled and accurate clip deployment during minimally invasive surgical procedures. Featuring an ergonomic handle design, smooth actuation mechanism, and durable reusable construction, the instrument provides surgeons with exceptional tactile feedback and procedural confidence while supporting long-term operational efficiency.



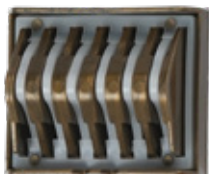
Ø5 mm X 330 mm



Ø10 mm X 330 mm



Ø10mm x 330mm



Key Features

- > Secure polymer clip locking technology
- > Traditional, multi-fire, and articulating application platforms
- > Enhanced access through articulating jaw technology
- > Dedicated polymer clip removal solution
- > Ergonomic reusable instrument design
- > Precise clip placement and deployment
- > Multiple clip sizes and configurations available
- > Designed for laparoscopic and open surgical procedures
- > Supports procedural efficiency and surgeon control
- > Reliable clinical performance across multiple specialties
- > Reusable appliers available in 33 cm, 38 cm, 45 cm, and 48 cm shaft lengths

REF	CODE	TYPE	DIMENTION
APLCAFA	FACA05330-V	Articulating Polymer Clip Applier	Ø5MM X 330MM
APLCAFAL	FACA10330-V	Articulating Polymer Clip Applier	Ø10MMX 330MM

Polymer Reusable Clip Remover



A reusable precision instrument designed for the controlled removal of polymer ligating clips when clinically indicated. The specialized jaw design facilitates secure clip engagement and atraumatic removal while maintaining procedural safety and accuracy.

REF	CODE	TYPE	DIMENTION
APLCRMLL	1CR100000-V	Reusable Clip Remover ML/L	Ø5MM
APLCRXL	1CR200000-V	Reusable Clip Remover XL	Ø10MM

Polymer Multi-Fire Applier

The Aventura™ Multi-Fire Reusable Clip Applier enables sequential deployment of multiple polymer clips through a single instrument platform. Designed for smooth operation, precise clip placement, and dependable performance, the system supports efficient tissue management while maintaining surgeon control throughout the procedure.



REF	CODE	TYPE	DIMENTION
AMCAS	MCAS10330-V	Multi-Fire Reusable Clip Applier	SMALL
AMCAM	MCAM10330-V	Multi-Fire Reusable Clip Applier	MEDIUM
AMCAL	MCAL10330-V	Multi-Fire Reusable Clip Applier	LARGE

Polymer Multi-Fire Cartridge

The Aventura™ Multi-Clip Cartridge is designed to enhance procedural efficiency by providing multiple preloaded polymer clips within a single cartridge.

This advanced configuration reduces instrument exchanges and supports continuous clip deployment during demanding surgical procedures, helping optimize operative workflow.



REF	CODE	TYPE	DIMENTION
AQPCCS13	QCC13-V	Multi-Clip Cartridge Green	SMALL
AQPCCM27	QCC27-V	Multi-Clip Cartridge Purple	MEDIUM
AQPCCL310	QCC310-V	Multi-Clip Cartridge Gold	LARGE

Titanium Ligation Clips

Manufactured from high-quality medical-grade titanium, Aventura™ clips are designed to provide secure and reliable ligation of vessels, ducts, and tubular structures. The clips are available in multiple sizes to accommodate varying anatomical and procedural requirements.



REF	CODE	TYPE	DIMENTION
ATLCS	BO3AS06-V	Titanium Ligation Clips	Small
ATLCM	BO3AM06-V	Titanium Ligation Clips	Medium
ATLCML	BO3AML06-V	Titanium Ligation Clips	Medium-Large
ATLCL	BO3AL06-V	Titanium Ligation Clips	Large

Product Name	Specification	Pcs/cartridge	Cartridge/box
Titanium Ligation Clip	S 	6	20
	M 	6	20
	ML 	6	20
	L 	6	20

Titanium Single Action Clip Applier

A precision-engineered reusable instrument designed for controlled deployment of titanium ligation clips. The single-action mechanism provides smooth operation and dependable clip application during routine surgical procedures.



REF	CODE	TYPE	DIMENTION
ATLCAS	TLC05330-V	Single Action Clip Applier	Small
ATLCAM	TLC10330-V	Single Action Clip Applier	Medium
ATLCAML	TLC10330ML-V	Single Action Clip Applier	Medium-Large
ATLCAL	TLC10330L-V	Single Action Clip Applier	Large

Titanium Double Action Clip Applier

Designed to enhance mechanical advantage and surgeon control, the double-action mechanism reduces hand force requirements while facilitating precise clip placement and consistent clip formation.

Titanium 90° Clip Applier

Featuring a 90-degree jaw configuration, this specialized instrument is designed to improve access and visibility in challenging anatomical locations, enabling precise clip application where conventional instruments may be limited.

Key Features

- › Medical-grade titanium clip technology
- › Secure clip retention and reliable ligation performance
- › Available in S, M, ML, and L clip sizes
- › Single Action, Double Action, and 90° Applier configurations
- › Precision-engineered reusable instruments
- › Ergonomic design for enhanced surgeon control
- › Suitable for open and minimally invasive surgical procedures
- › Designed for consistent clinical performance

SPECIMEN RETRIEVAL SYSTEMS

Endo-Pocket-Detachable Specimen Retrieval System

Secure Specimen Retrieval | Controlled Extraction | Enhanced Surgical

The Aventura™ Detachable Endo Pocket is designed for the safe containment and retrieval of tissue specimens during laparoscopic and minimally invasive surgical procedures. Engineered to facilitate atraumatic specimen extraction, the device helps minimize tissue handling while supporting procedural efficiency and maintaining specimen integrity.



Featuring a detachable deployment system and easy-to-open retrieval bag design, the Aventura™ Detachable Endo Pocket enables reliable specimen capture and controlled removal through trocar sites or small incisions. The durable pouch material is designed to provide dependable strength during tissue retrieval while supporting smooth deployment and extraction.

Suitable for a wide range of laparoscopic procedures, the Aventura™ Detachable Endo Pocket assists surgeons in achieving efficient specimen management while maintaining the principles of minimally invasive surgery.



Key Features

- > Designed for safe laparoscopic specimen retrieval
- > Detachable deployment system for enhanced procedural flexibility
- > Easy-to-open bag mouth for efficient specimen capture
- > Durable retrieval pouch material
- > Smooth deployment and controlled extraction
- > Supports atraumatic specimen removal
- > Sterile, single-use design
- > Available in multiple pouch capacities

Clinical Benefits

- > Facilitates safe specimen containment and retrieval
- > Helps minimize tissue handling during extraction
- > Supports specimen integrity throughout removal
- > Enhances procedural efficiency
- > Simplifies laparoscopic tissue retrieval
- > Suitable for a broad range of minimally invasive procedures

REF	CODE	TYPE	DIMENTION
ADEBE5120	1EP934500-V	Detachable Endo Pocket 120ML	Ø3" * 4"/5MM
ADEB10330	1EP936100-V	Detachable Endo Pocket 330ML	Ø3" * 6"/10MM
ADEB10750	1EP957100-V	Detachable Endo Pocket 750ML	Ø5" * 7"/10MM
ADEB121850	1EP979000-V	Detachable Endo Pocket 1850ML	Ø8" * 10"/12MM
ADEB151850	1EP975910-V	Detachable Endo Pocket 1850ML	Ø8" * 10"/15MM

TISSUE RETRACTION & WOUND MANAGEMENT

Wound Protector / Retractor System

Enhanced Access | Superior Protection | Optimized Surgical Exposure



The Aventura™ Wound Retractor is designed to provide atraumatic circumferential wound retraction while helping protect incision edges throughout surgical procedures. By delivering consistent 360° radial retraction, the device enhances surgical exposure, improves operative access, and supports efficient tissue management without the need for additional manual retraction.

Engineered for versatility across open, laparoscopic-assisted, and minimally invasive procedures, the Aventura™ Wound Retractor helps maintain a clear operative field while reducing tissue trauma and protecting wound margins from potential contamination. Its flexible design allows rapid deployment and secure positioning, contributing to procedural efficiency and surgical precision.

Suitable for General Surgery, Colorectal Surgery, Gynecology, Hepatobiliary Surgery, Urology, Bariatric Surgery, and other abdominal procedures, the Aventura™ Wound Retractor delivers reliable access and protection throughout the surgical workflow.



Key Features

- › 360° circumferential wound retraction for enhanced exposure
- › Atraumatic tissue retraction and wound edge protection
- › Helps reduce wound contamination during procedures
- › Provides consistent and uniform retraction force
- › Supports improved visualization of the operative site
- › Rapid deployment and easy removal
- › Flexible design for various incision sizes
- › Available in multiple sizes for diverse surgical applications

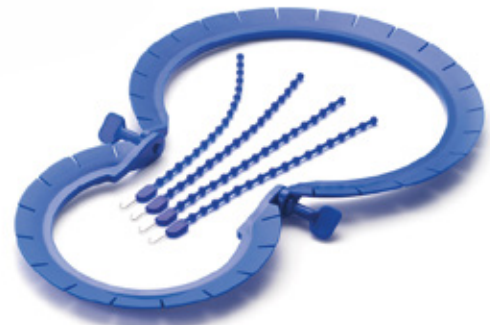
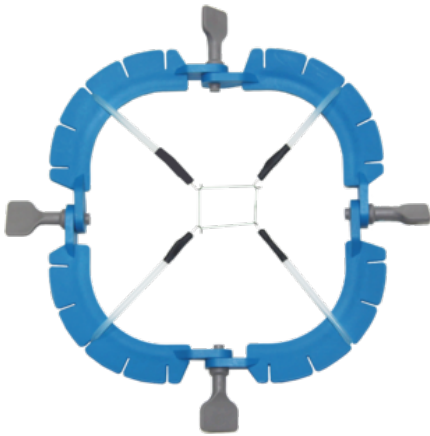
Clinical Benefits

- › Improved surgical exposure and access
- › Enhanced wound edge protection
- › Reduced tissue trauma compared to conventional retractors
- › Supports efficient surgical workflow
- › Helps maintain a clean and organized operative field
- › Facilitates minimally invasive and open surgical techniques

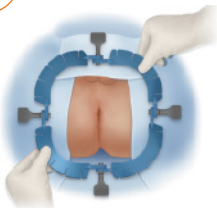
REF	CODE	TYPE	DIMENTION
AWR24	1WR202000-V	WOUND RETRACTOR	Ø2-4 CM
AWR256	1WR202500-V	WOUND RETRACTOR	Ø2.5 -6 CM
AWR59	1WR205000-V	WOUND RETRACTOR	Ø5-9 CM
AWR914	1WR209000-V	WOUND RETRACTOR	Ø9-14 CM
AWR1117	1WR211000-V	WOUND RETRACTOR	Ø11-17 CM

Surgery Retractor System

The retractor system operates manually with self-locking functions. The system applies to separate tissues or anatomical structures to increase exposure of internal tissues or organs in surgical field.

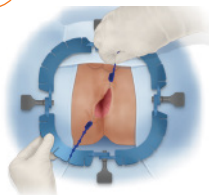


01



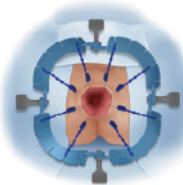
Place the retraction ring around the incision or natural orifice to be retracted

02



Insert the retractor hooks into the tissue and insert the retractor hooks into the corresponding position on the retractor ring

03



Continue to place the retractor hooks for better retraction.

Single Port Access System

Advanced Access for Minimally Invasive Surgery.



The AVENTRA™ Single Port Access System is designed to facilitate multiple instrument access through a single surgical incision, supporting advanced minimally invasive and reduced-port surgical techniques.

Engineered to provide effective access, instrument control, and pneumoperitoneum maintenance, the system enables surgeons to perform complex procedures while minimizing abdominal wall trauma.

Featuring a flexible access platform with multiple instrument channels, the system accommodates laparoscopes, hand instruments, energy devices, and accessories through a single access site. Its intuitive design supports procedural efficiency while helping optimize cosmetic outcomes and patient recovery.

Key Features

- › Single-incision laparoscopic access platform
- › Multiple instrument channels for simultaneous instrument use
- › Supports laparoscopic visualization and instrument manipulation
- › Designed to maintain stable pneumoperitoneum
- › Flexible access system for enhanced procedural versatility
- › Facilitates reduced-port and single-incision surgical techniques
- › Easy insertion and removal
- › Compatible with a wide range of laparoscopic instruments
- › Designed for minimally invasive surgical applications

Clinical Applications



General
Surgery



Colorectal
Surgery



Bariatric
Surgery



Hepatobiliary
Surgery



Gynecological
Surgery



Urological
Surgery



Advanced
Laparoscopic
Procedures

Clinical Benefits

- › Reduced abdominal wall trauma
- › Fewer surgical incisions
- › Enhanced cosmetic outcomes
- › Improved patient satisfaction
- › Supports minimally invasive surgical principles
- › Optimized surgical access and instrument management

Anti-Fog Solution

**Uninterrupted Visualization
Enhanced Surgical Precision**

Aventra™ Anti-Fog Solution is specially formulated to help maintain a clear laparoscopic and endoscopic field of vision by reducing lens fogging during minimally invasive surgical procedures. Designed for rapid application and consistent performance, it supports uninterrupted visualization, enabling surgeons to maintain focus on procedural accuracy and efficiency.

Developed for use with laparoscopes, endoscopes, cameras, and optical access devices, Aventra™ helps optimize image clarity throughout the procedure while minimizing interruptions associated with repeated lens cleaning.

Product Benefits

- › Improved intraoperative visibility
- › Enhanced procedural workflow
- › Reduced lens cleaning interruptions
- › Increased surgeon confidence
- › Optimized operating room efficiency



Key Features

- > Rapid anti-fog action for optical lenses
- > Supports clear and uninterrupted visualization
- > Easy and convenient application
- > Compatible with laparoscopic and endoscopic optics
- > Helps reduce procedural interruptions
- > Suitable for minimally invasive surgical procedures
- > Designed for operating room efficiency

Clinical Applications

Laparoscopic Surgery

General Surgery

Thoracic Surgery

Bariatric Surgery

Gynaecology

Urological Surgery

Paediatric Minimally Invasive Surgery

REF	CODE	TYPE
AAFSF	FAF25000B	Anti-Fog Solution Alcohol Free
AAFSW	FAF15000B	Anti-Fog Solution with Alcohol

CLOSURE & FASCIAL MANAGEMENT

Trocar Site Closure System

Fast and Safe Closure for Laparoscopic Access Ports

SIMPLE, FAST AND SAFE

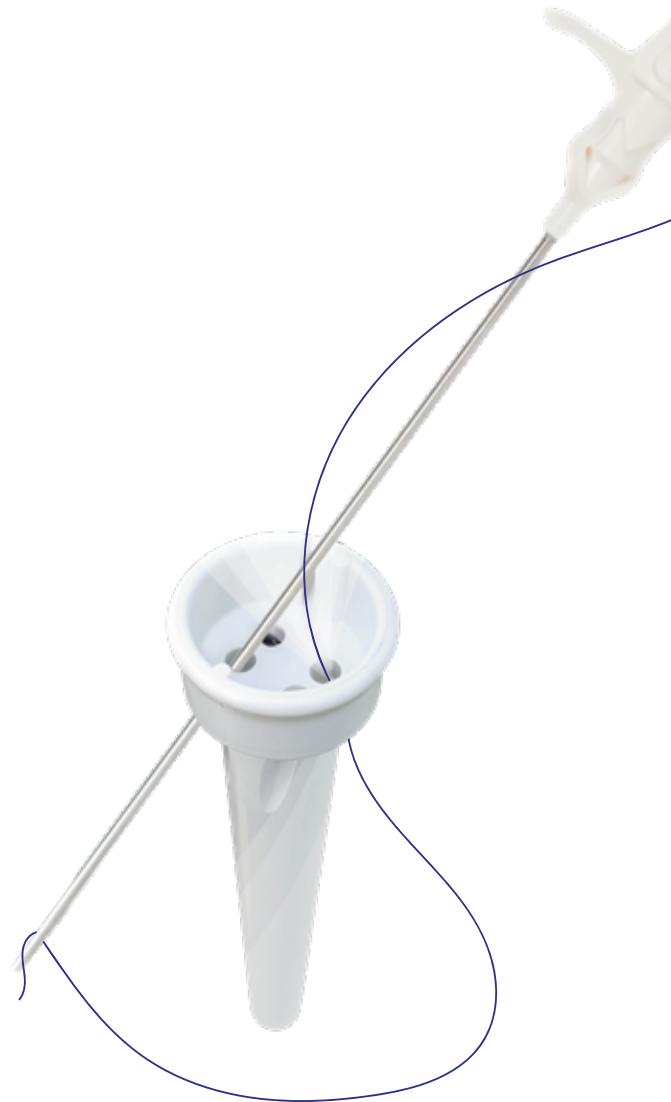
Recommended Technique for Laparoscopic Access Closure Access in Bariatric Patients

AVENTRA™ suture guides allow the closure of any trocar access through a simple, fast, and safe procedure. Their conical design facilitates proper angulation of the suture passer through the different surgical planes, ensuring complete closure across the whole thickness, including fascia and peritoneum (preventing the possible occurrence of a Richter's hernia), while maintaining pneumoperitoneum.

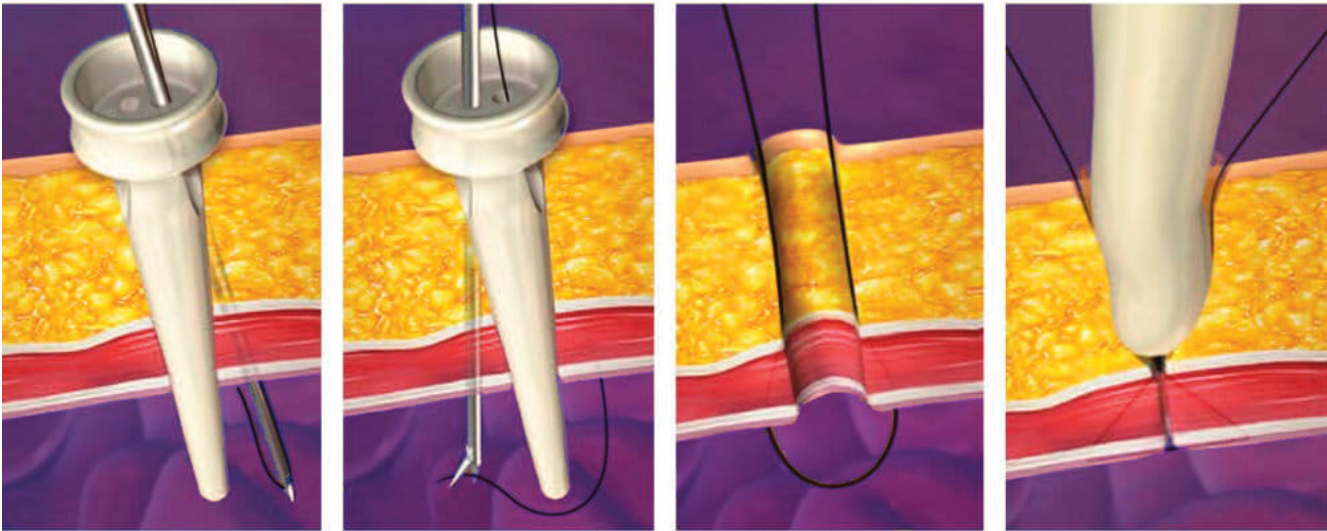
AVENTRA™ guides are available in two versions. The version with greater length and diameter (115 mm × 15 mm) is specifically designed for minimally invasive surgery in patients with morbid obesity and bariatric patients. It helps the surgeon quickly and safely (under visual control at all times) cross the subcutaneous tissue, fascia, and peritoneum, avoiding hernias in this high-risk patient group.

It also includes two additional suture holes for more consistent results in patients with thick abdominal walls.

The suture passer has a hinged jaw with a recess to load and collect the thread.



Procedure



Step 1

Insert the Suture Guide with the holes aligned perpendicular to the trocar wound. With a loaded suture passer, push the suture passer through fascia, muscle and peritoneum into the abdomen. Drop the suture and remove the suture passer.

Step 2

On the opposite side of the Suture Guide, push the suture passer through all of the layers and pick up the suture with the hinged jaw.

Step 3

Pull the suture up through the peritoneum, muscle, fascia and Suture Guide.

Step 4

Remove the Suture Guide and tie off the suture.

Result

Complete closure of the fascia.

REF	CODE	TYPE
ATSCD12G	1CL200000-V	Trocar Site Closure System with Needle Guide 12MM
ATSCD15G	1CL215000-V	Trocar Site Closure System with Needle Guide 15MM
AOTSCD	1CL201100-V	Omnicrose Trocar Site Closure Device
ATSCD	1CL100000-V	Trocar Site Closure Device

Skin Stapler



Skin Stapler Remover

>



LAPAROSCOPIC INSTRUMENTS

Uterine Manipulator & Injector System

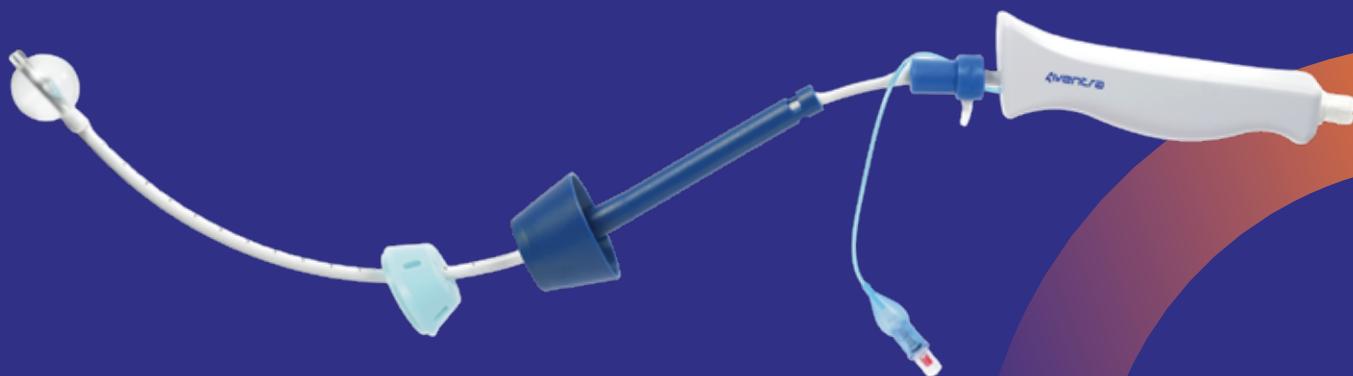
The AVENTRA™ Uterine Manipulator & Injector System is designed to facilitate effective uterine positioning, mobilization, and dye injection during minimally invasive gynecological procedures.

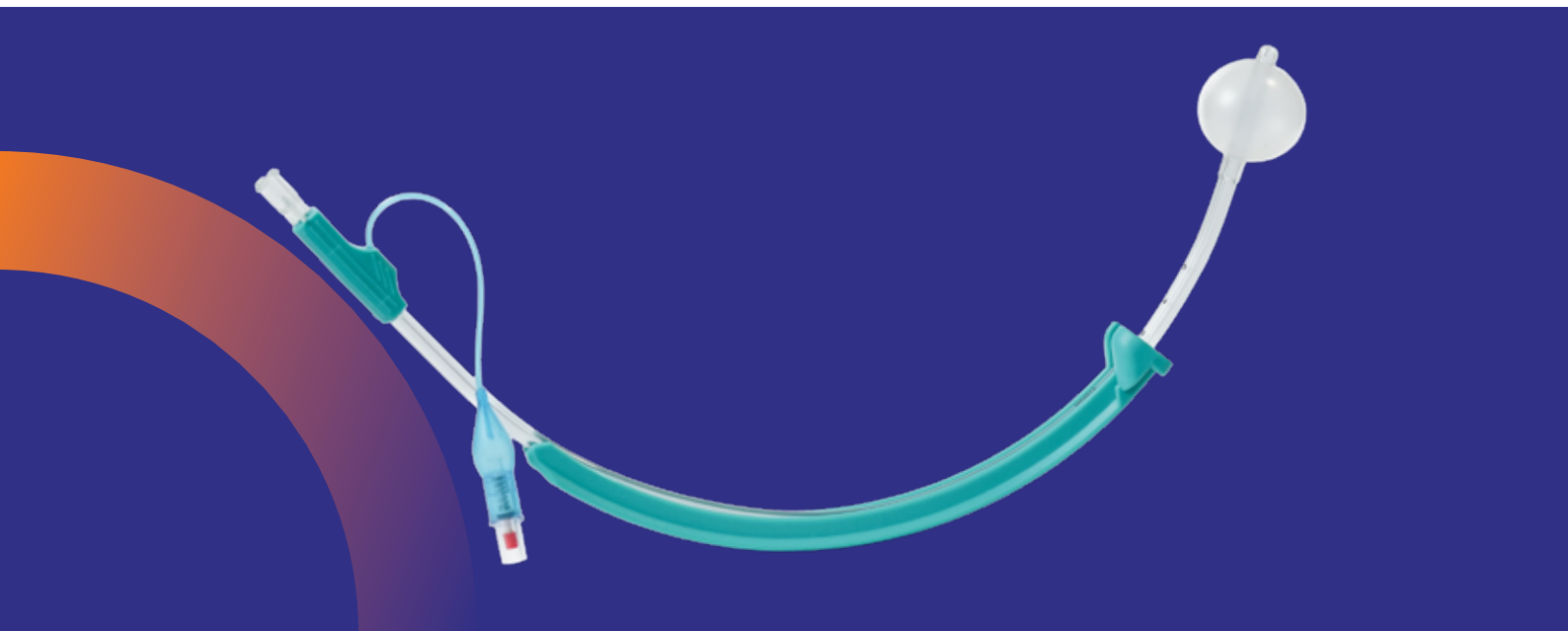
Engineered to optimize pelvic exposure and surgical access, the system enables controlled anteversion, retroversion,

Precision Uterine Control
Enhanced Surgical Access

elevation, and lateral uterine movement while supporting chromopertubation and tubal patency assessment.

The ergonomic design and integrated injection channel assist surgeons in achieving enhanced visualization, improved procedural efficiency, and precise uterine manipulation across a broad range of gynecological laparoscopic procedures.





Key Features

- > Controlled uterine manipulation and positioning
- > Integrated injector for dye administration and chromopertubation
- > Enhanced exposure of pelvic anatomy
- > Ergonomic handle design for surgeon comfort
- > Available in multiple cup and tip sizes
- > Supports minimally invasive gynaecological procedures
- > Designed for precise and efficient intraoperative control

Clinical Applications

Total Laparoscopic
Hysterectomy (TLH)

Laparoscopic Assisted
Vaginal Hysterectomy
(LAVH)

Diagnostic
Laparoscopy

Fertility Assessment
Procedures

Chromopertubation

Endometriosis
Surgery

Pelvic Reconstructive
Surgery

Advanced
Gynaecological
Laparoscopy

REF	CODE	TYPE	DIMENTION
AUMS32	1UM132000-V	Uterine Manipulator Small	Ø32MM
AUMM34	IUM134000-V	Uterine Manipulator Medium	Ø34MM
AUML37	1UM137000-V	Uterine Manipulator Large	Ø37MM
AUMXL40	1UM140000-V	Uterine Manipulator XL	Ø40MM

Monopolar Code



CORD 4MM



CORD 8MM

REF	CODE	TYPE
AMC04	1DC232080-V	Monopolar Cord 4MM Connector
AMC08	1DC132080-V	Monopolar Cord 8MM Connector

Monopolar J Hook Probe



REF	CODE	TYPE	DIMENTION
AMJHP533H	1PJ633050-V	Monopolar J Hook Probe Hand Controlled	Ø5MM/33CM
AMJHP533	1PJ533050-V	Monopolar J Hook Probe	Ø5MM/33CM
AMJHP533C	1PJ533052-V	Monopolar J Hook Probe with Cable	Ø5MM/33CM
AMJHP333	1PJ133030-V	Monopolar J Hook Probe	Ø3MM/33CM

Monopolar L Hook Probe



REF	CODE	TYPE	DIMENTION
AMLHP533H	1PL633050-V	Monopolar L Hook Probe Hand Controlled	Ø5MM/33CM
AMLHP533	1PL533050-V	Monopolar L Hook Probe	Ø5MM/33CM
AMLHP533C	1PL533052-V	Monopolar L Hook Probe with Cable	Ø5MM/33CM
AMLHP545	1PL545050-V	Monopolar L Hook Probe	Ø5MM/45CM
AMLHP545C	1PL545052-V	Monopolar L Hook Probe with Cable	Ø5MM/45CM
AMLHP333	1PL133030-V	Monopolar L Hook Probe	Ø3MM/33CM

Monopolar Spatula Probe



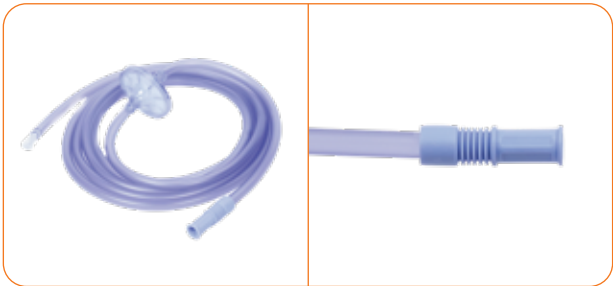
REF	CODE	TYPE	DIMENTION
AMSP533	1PS533050-V	Monopolar Spatula Probe	Ø5MM/33CM
AMSP533H	1PS633050-V	Monopolar Spatula Probe Hand Controlled	Ø5MM/33CM
AMSP533C	1PS533052-V	Monopolar Spatula Probe with Cable	Ø5MM/33CM
AMSP333	1PS133030-V	Monopolar Spatula Probe	Ø3MM/33CM

Aspiration Needle

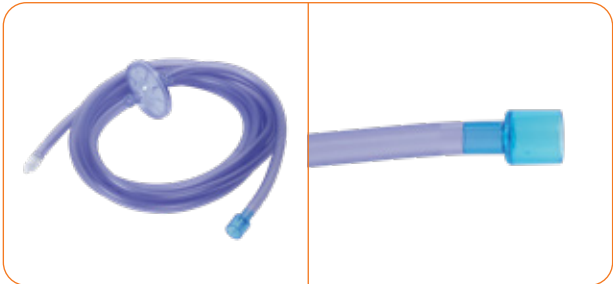


REF	CODE	TYPE	DIMENTION
AAN533	1PBN53350-V	Aspiration Needle	Ø5MM/33CM

Insufflation Tubing Set



Click In



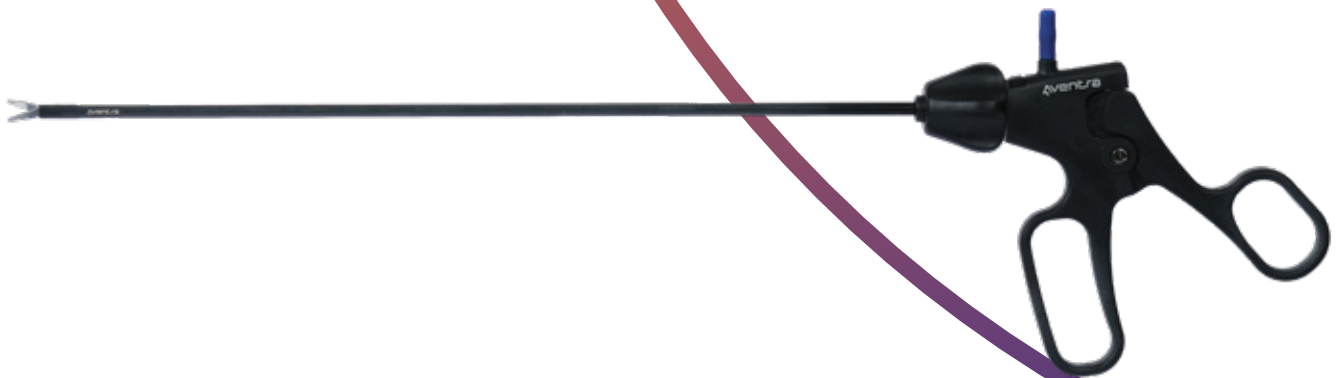
Round Connector



Luer Lock

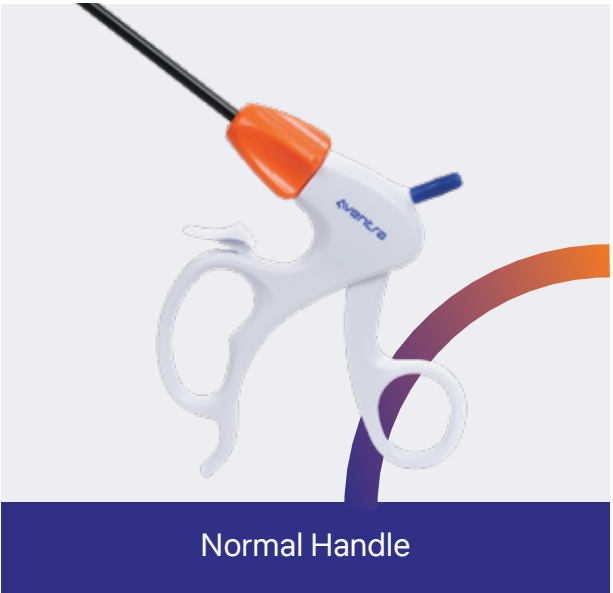
REF	CODE	TYPE	DIMENTION
AIT51522R	11F231550-V	Insufflation Tubing Set Round Connector	Ø15/22MM
AIT515R	11F231530-V	Insufflation Tubing Set Round Connector	Ø15MM
AIT522R	11F231540-V	Insufflation Tubing Set Round Connector	Ø22MM
AITSCI	11F231520-V	Insufflation Tubing Set Click-In Adaptor	NIL
AITSLUL	11F231500-V	Insufflation Tubing Set Luer Lock	NIL
AITSOR	11F231510-V	Insufflation Tubing Set O-Ring Adaptor	NIL

Monopolar Scissors



Maryland Dissectors





Instrument Table

HEAD	CODE	TYPE	DIMENTION
	1MS533050-V	Monopolar Scissor	Ø5MM X 33CM
	1MS533054-V	Monopolar Scissor (1/2" Blade)	Ø5MM X 33CM
	1MS533030-V	Monopolar Scissor	Ø3MM X 33CM
	1MS545050-V	Monopolar Scissor	Ø5MM X 45CM

HEAD	CODE	TYPE	DIMENTION
	1MS545054-V	Monopolar Scissor (1/2" Blade)	Ø5MM X 45CM
	1EB533050-V	Babcock Grasping Forceps	Ø5MM X 33CM
	1EC533050-V	Clinch Grasping Forceps	Ø5MM X 33CM
	1ECA33030-V	Clinch Grasping Forceps	Ø3MM X 33CM
	1EJ533051-V	Fenestrated Grasping Forceps (22MM TIP)	Ø5MM X 33CM
	1EJ533050-V	Fenestrated Grasping Forceps (38MM TIP)	Ø5MM X 33CM
	1ED533050-V	Maryland Dissecting Forceps	Ø5MM X 33CM
	1EDA33030-V	Maryland Dissecting Forceps	Ø3MM X 33CM
	1RT533050-V	Rat Tooth Grasping Forceps	Ø5MM X 33CM

HEAD	CODE	TYPE	DIMENTION
	1EG533050-V	Stright Grasping Forceps	Ø5MM X 33CM
	1EB733050-V	Babcock Grasper On/Off Ratchet	Ø5MM X 33CM
	1EC733050-V	Clinch Grasper On/Off Ratchet	Ø5MM X 33CM
	1EJ733051-V	Fenestrated Grasper (22MM TIP) On/Off Ratchet	Ø5MM X 33CM
	1EJ733050-V	Fenestrated Grasper (38MM TIP) On/Off Ratchet	Ø5MM X 33CM
	1ED7333050-V	Maryland Dissector On/Off Ratchet	Ø5MM X 33CM
	1BD833050-V	Bipolar Maryland Dissector (ERBE)	Ø5MM X 33CM
	1BJ833050-V	Bipolar Fenestrated Grasper (ERBE)	Ø5MM X 33CM
	1BJ333050-V	Bipolar Fenestrated Grasper (VALLEYLAB)	Ø5MM X 33CM



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