

AIRSEAL[®]

Access System





AIRSEAL[®] iFS

The AirSeal iFS is the World's first "3 in 1" insufflation management system and features unmatched performance in the maintenance of stable pneumoperitoneum and automatic smoke evacuation.

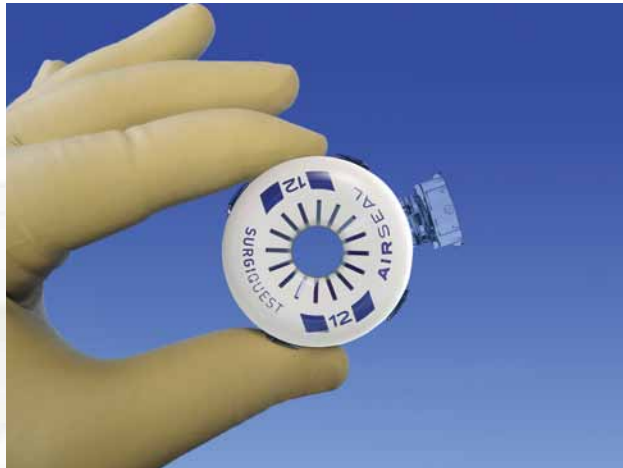
The AirSeal iFS offers 3 distinct modes of operation, including:

	Stable Pneumoperitoneum	Continuous Smoke Evacuation	High Flow Insufflation
AirSeal Mode	●	●	●
Smoke Evacuation Mode		●	●
Standard Insufflation Mode			●

AIRSEAL® Access Port

AirSeal Access Port:

- Valve-Free Access to Abdominal Cavity
- Intact Specimen Removal
- Unimpeded Introduction of Clips, Needles, Sutures, and Mesh
- Automatic Venting to Stabilize Intra-Abdominal Pressure



LUMEN #1 [EVACUATION]

- Evacuates and filters smoke. CO₂ is recirculated by iFS unit back to abdominal cavity.

LUMEN #2 [PNEUMO CONTROL]

- Continuously monitors pressure in real-time and immediately responds to dynamic changes in intra-abdominal pressure.

LUMEN #3 [AIR BARRIER]

- Creates and maintains invisible air barrier.



Available in a variety
of sizes & styles to suit
your needs

DIAMETER
LENGTH

5mm

8mm

12mm

12mm Blunt Tip

100mm

100mm

100mm

100mm

120mm

120mm

120mm

120mm

150mm

CAPABILITIES & PERFORMANCE



Perfect for both Robotic and Laparoscopic Surgery

By providing stable pneumoperitoneum, continuous smoke evacuation, and valve-free access to the abdominal cavity, the AirSeal® System has been demonstrated to reduce both procedure time and carbon dioxide patient absorption.¹

Procedural Performance

(SURGEON)

Stable Pneumoperitoneum
Continuous Smoke Evacuation
Valve-Free Access

Clinical Performance

(PATIENT)

Reduced CO ₂ Absorption ¹
Faster CO ₂ Gas Elimination ¹
Reduced Operative Time ¹

Fiscal Performance

(HOSPITAL)

Reduced Operative Time ¹
Increased Operating Efficiency
Increased Surgical Smoke Safety

¹[Urology. 2011 May;77(5):1125-32.]

Robotic Surgery



Laparoscopic Surgery



AIRSEAL® System Applicable Procedures

Laparoscopic Surgery					Robotic Surgery
Bariatric	General	Single Incision	URO	GYN	(URO, GYN, Bariatric, Colo-Rectal)
Gastric Bypass Gastric Banding Sleeve Gastrectomy Duodenal Switch Gastric Revision <i>Other</i>	<i>All MIS Procedures</i>	Cholecystectomy Appendectomy GYN URO <i>Other</i>	Prostatectomy Nephrectomy Partial Nephrectomy Cystectomy <i>Other</i>	Hysterectomy Sterilization Myomectomy Salpingo-Oophorectomy Colpopexy Pelvic Floor Reconstruction <i>Other</i>	Robotic Prostatectomy Robotic Nephrectomy Robotic Partial Nephrectomy Robotic Cystectomy Robotic Hysterectomy Robotic Myomectomy Robotic Salpingo-Oophorectomy Robotic Gastric Bypass Robotic Sleeve Gastrectomy Robotic Colectomy

AIRSEAL® Tubing Sets

The AirSeal iFS is capable of operating in 3 distinct modes, each of which uses a specific filtered tube set to maximize system performance.



AIRSEAL MODE

Tri-Lumen Filtered Tube Set

- Optimizes Gas Flow for Stable Pneumoperitoneum
- Evacuates & Filters Smoke to Protect Patient and Surgical Team
- Recirculates Filtered Gas to Patient

SMOKE EVACUATION MODE

Bifurcated (Dual Lumen) Smoke Evac Filtered Tube Set

- Provides High Flow Insufflation
- Evacuates & Filters Smoke to Protect Patient and Surgical Team
- Used with 2 Conventional Trocars

STANDARD INSUFFLATION MODE

Single Lumen Filtered Tube Set

- Provides High Flow Insufflation
- Used with Veress Needles and Conventional Trocars



Tri-Lumen Filtered Tube Set
(ASM-EVAC)



Bifurcated (Dual Lumen) Smoke Evac Filtered Tube Set
(SEM-EVAC)



Single Lumen Filtered Tube Set
(SIM-TUB)

PRODUCT Order Codes

REF #	Product Description		Unit of Measure	Quantity per Box	
AirSeal® Access Ports	iAS5-100LP	5mm Access Port and Low Profile Obturator with Bladeless Optical Tip, 100mm Length		Box	6
	iAS5-120LP	5mm Access Port and Low Profile Obturator with Bladeless Optical Tip, 120mm Length		Box	6
	iAS8-100LP	8mm Access Port and Low Profile Obturator with Bladeless Optical Tip, 100mm Length		Box	6
	iAS8-120LP	8mm Access Port and Low Profile Obturator with Bladeless Optical Tip, 120mm Length		Box	6
	iAS12-100	12mm Access Port and Obturator with Bladeless Optical tip, 100mm Length		Box	6
	iASB12-100	12mm Access Port and Obturator with Blunt Tip, 100mm Length		Box	6
	iAS12-120	12mm Access Port and Obturator with Bladeless Optical Tip, 120mm Length		Box	6
	iASB12-120	12mm Access Port and Obturator with Blunt Tip, 120mm Length		Box	6
	iAS12-150	12mm Access Port and Obturator with Bladeless Optical Tip, 150mm Length		Box	6
	Tube Sets	ASM-EVAC (AirSeal Model)	Tri-Lumen Filtered Tube Set for use with AirSeal® iFS		Box
SEM-EVAC (Smoke Evacuation Only Model)		Bifurcated Smoke Evac Filtered Tube Set for use with AirSeal® iFS		Box	6
SIM-TUB (Standard Insufflation Model)		Single Lumen Filtered Tube Set for use with AirSeal® iFS		Box	10
AirSeal® iFS	AS-iFS1	AirSeal® iFS Intelligent Flow System - (120V)		Unit	1
	AS-iCART	AirSeal® Cart for iFS Intelligent Flow System		Unit	1

Additional accessories available.