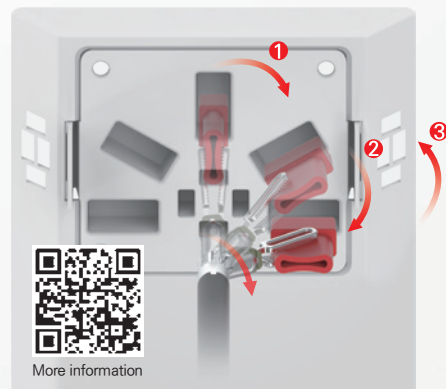




LIVSMED Training Kits



Please visit our website and make inquiries should you have any questions regarding training kits

LIVSMED

LIVSMED Inc.
304, building D, 700, Pangyo-ro, Bundang-gu,
Seongnam-si, Gyeonggi-do, Republic of Korea (13516)
EMAIL. info@livsmed.com
www.livsmed.com

Doc.-Version BR-LivsMed-US-v0.2

LIVSMED



LIVSMED



Linked in



YouTube



Instagram



ARTISSENTIAL TROCAR™

ARTISSENTIAL⁵
Articulating Laparoscopic Instrument

54

Countries Represented

6

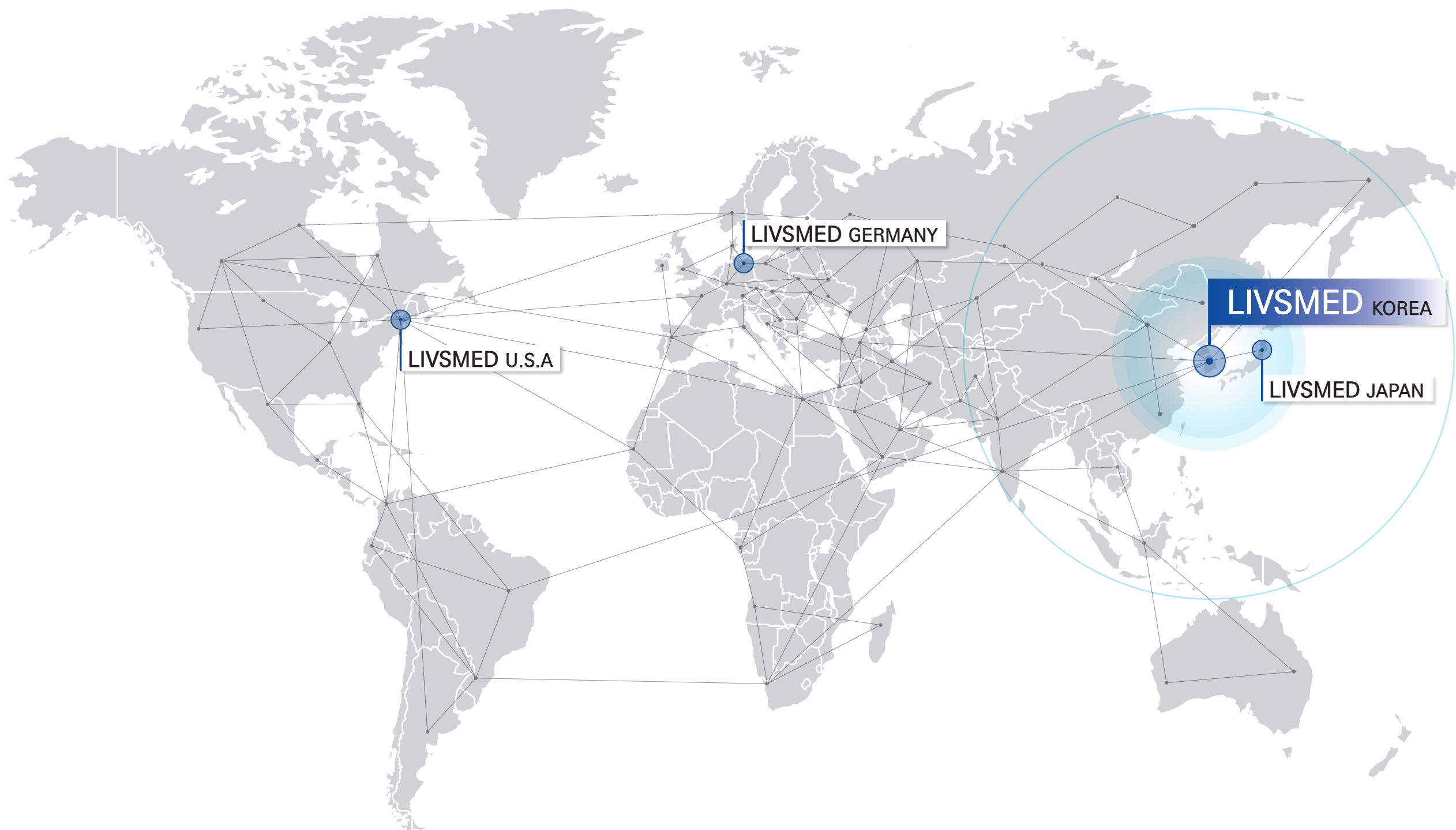
Continents

3

Subsidiaries

32

International Distributors



Working with physicians worldwide, LIVSMED focuses on revolutionizing the capabilities of minimally invasive surgery and advancing patient outcomes around the world.



Articulation is
Essential

ArtiSential™

The end-effector's vertical and horizontal joints synchronize its movements with the user's delicate hand motions. This allows for greater access to narrow surgical sites.

Bipolar Fenestrated Forceps

Available in three lengths
(Short – 25cm, Standard – 38cm, Long – 45cm)

Multi-jointed End Effector
Provides 360° degrees of freedom,
enabling various angles of approach
to the surgical site.

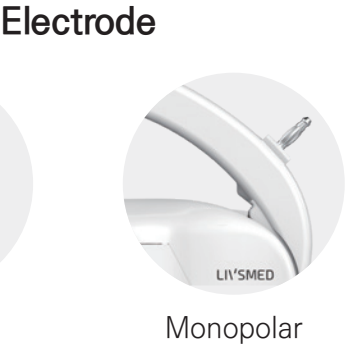
**Adjustable Velcro
Type Jaw Control Rings**

- Adjustable velcro straps secure user's fingers
to jaw control rings
- Provides convenient and customized control



Locking Lever (Optional feature)

- Deactivates double-joint of the end-effector
- Still allows open/close function



Handle Grip
Designed to fit a wide
range of hand sizes

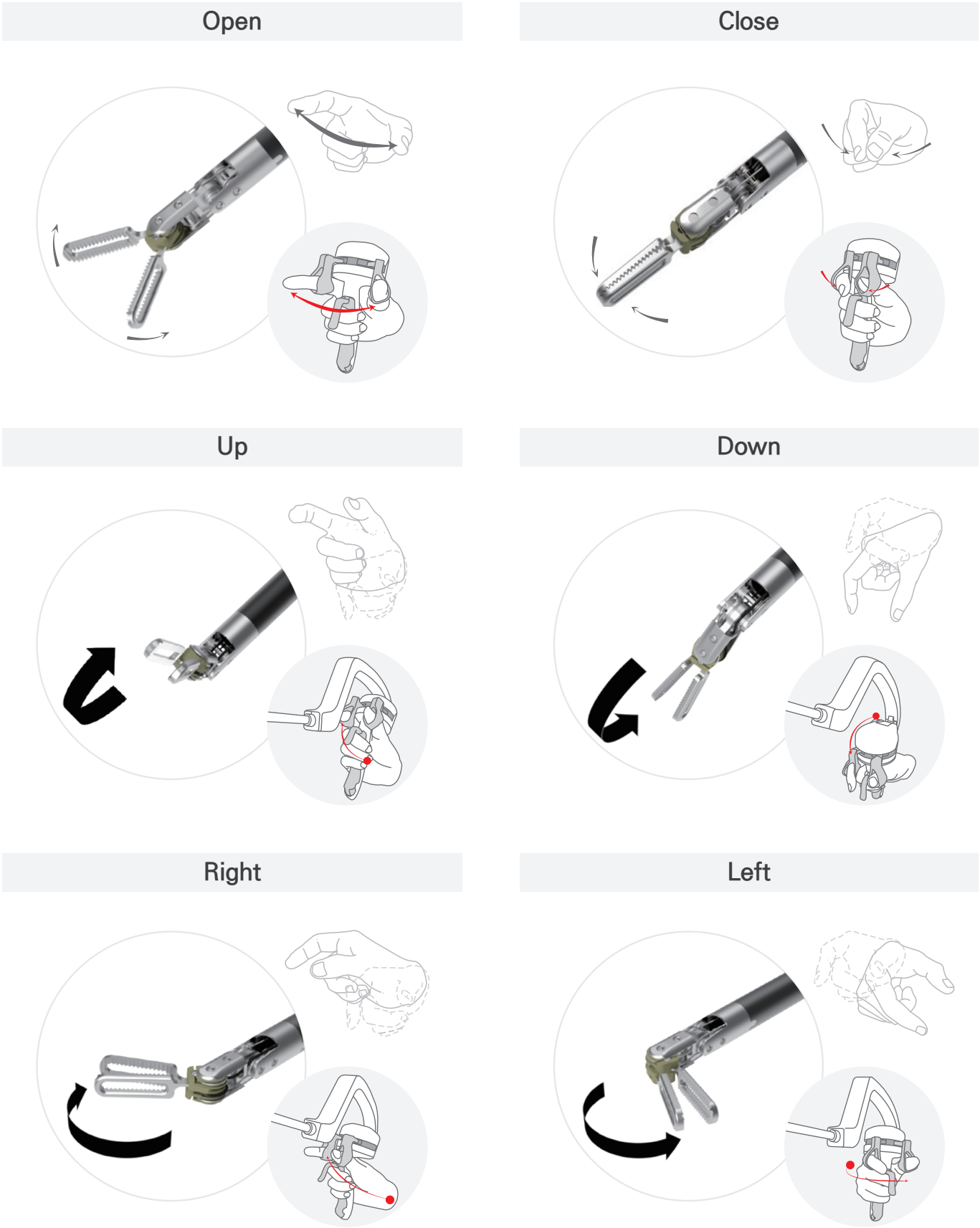
Ergonomic Design
Provides intuitive, articulating control

Introducing ArtiSential

ArtiSential's double-jointed end effector enables precise access to complex, difficult-to-reach surgical spaces.

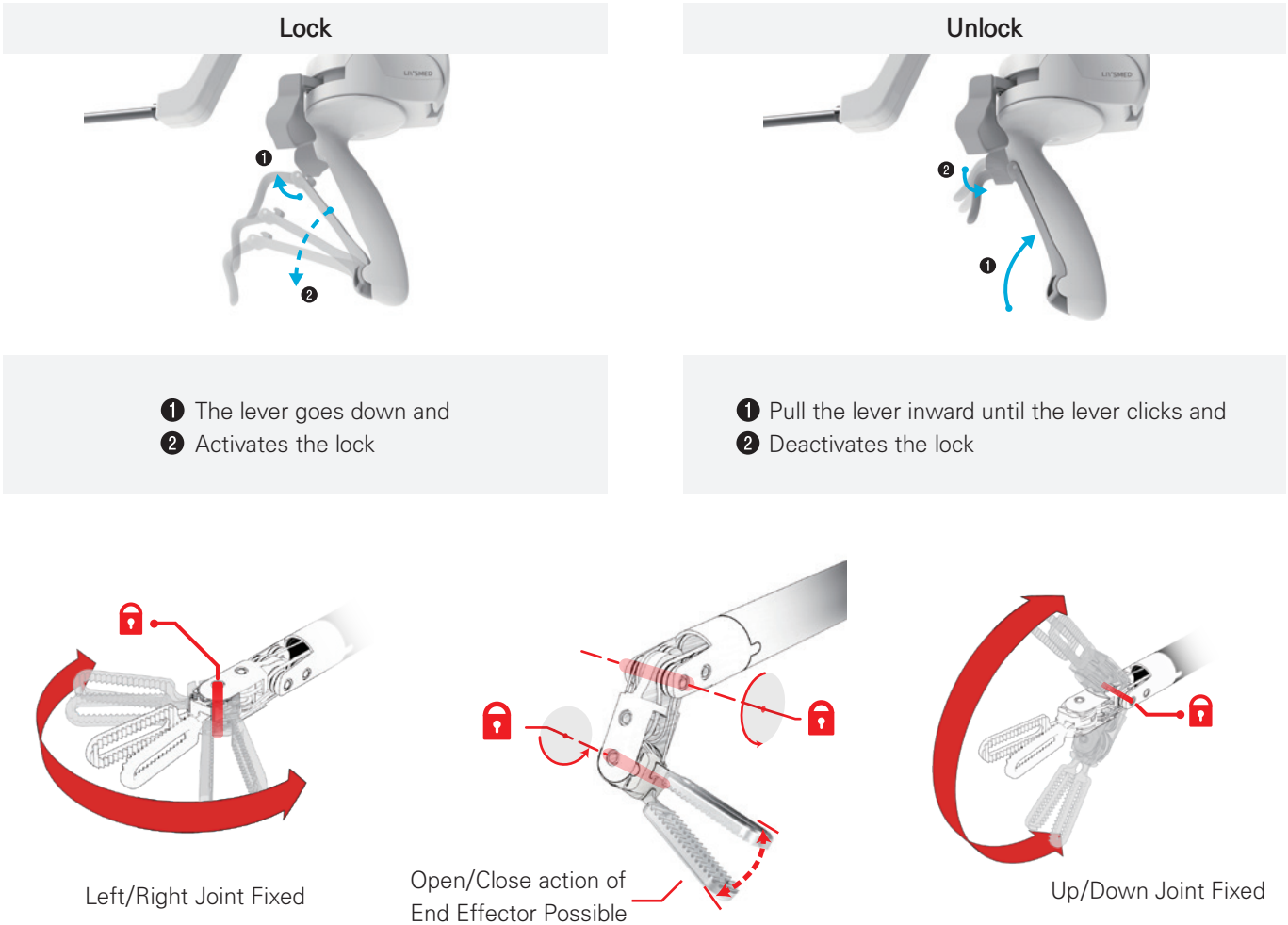
Synchronized Interface

ArtiSential’s end effector has two joints enabling both vertical and horizontal movements that are perfectly synchronized with the user’s hand. Its multiple degrees of freedom assist the user in performing a wide variety of surgical procedures.



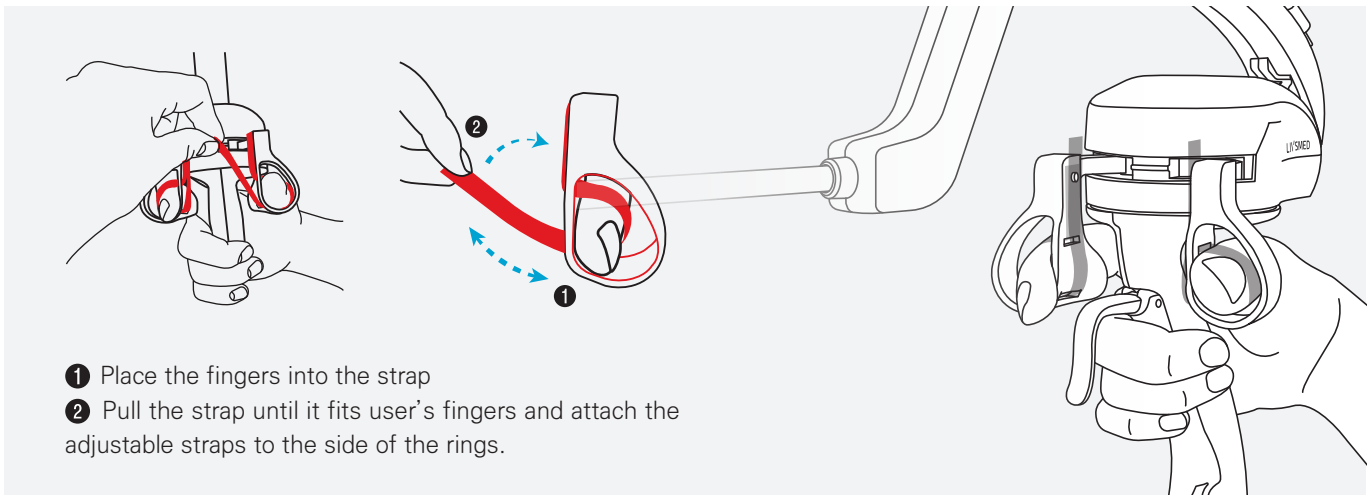
How to use the locking lever

When the locking feature is activated, UP/DOWN, LEFT/RIGHT articulating joint is fixed and cannot move, but OPEN/CLOSE action of the end-effector is possible.



How to Use the Adjustable Jaw Control Rings

Adjust the strap to fit user’s fingers. The fingers are fastened to the jaw control rings, allowing comfortable and easy control of the end effector.



Needle Holder : Jaw-lock (Pinch lock) function

The ArtiSential Needle Holder provides a Jaw-lock (Pinch lock) function.
This ergonomic design allows easy locking and unlocking of the jaw by grasping the Jaw Control Rings.
With this function, the surgeon can suture easily by holding the needle securely without physical stress.



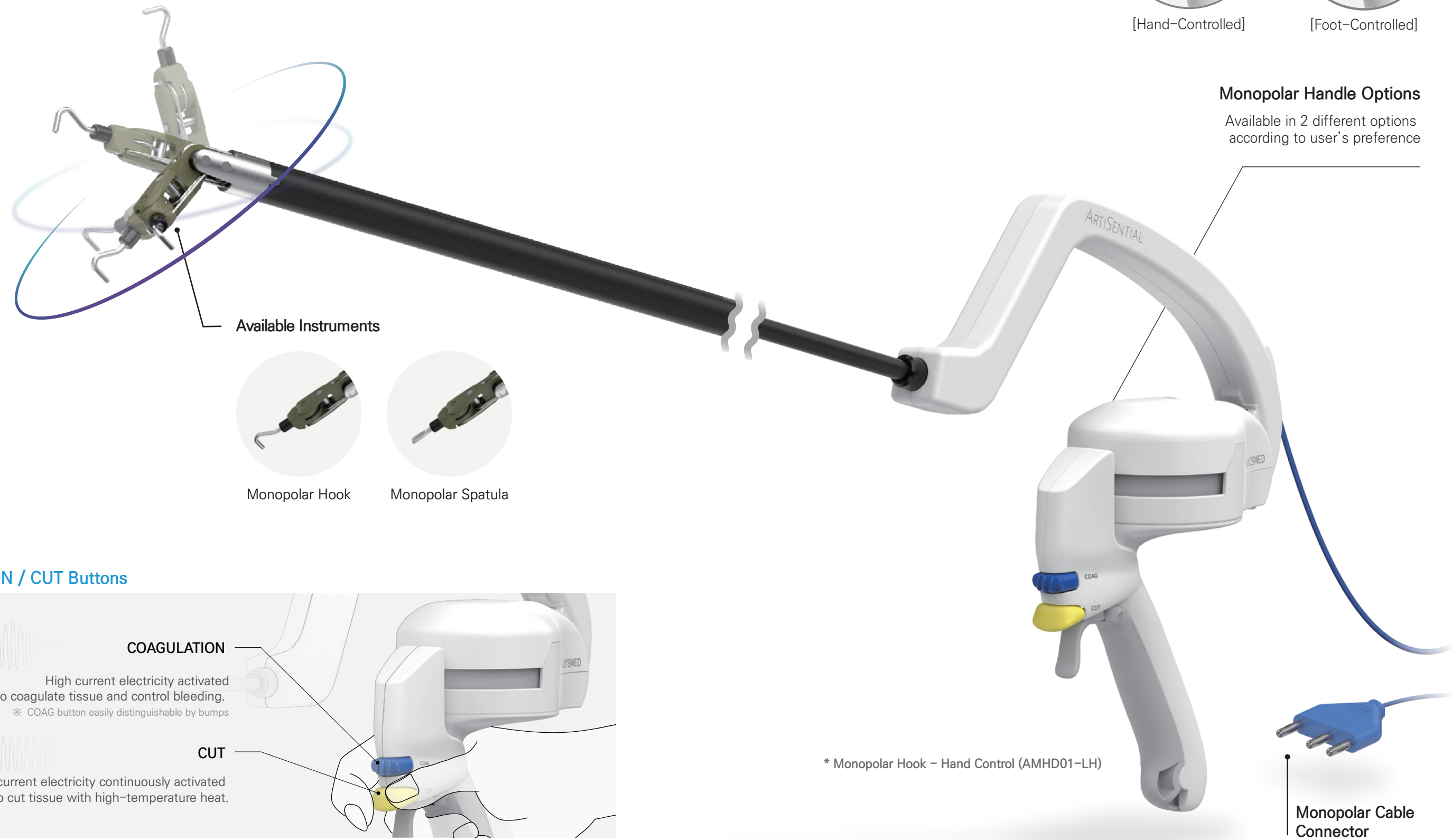
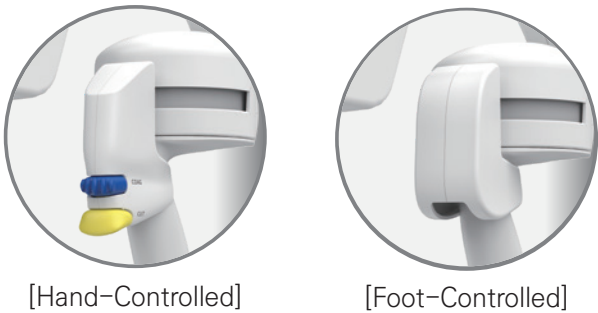
How to use Jaw-lock (Pinch lock) function

1. Grip the handle by inserting your thumb and index finger in the rings.
2. Pinch inward with your thumb and index finger.
3. When the rings click together, the jaws lock closed.
4. To unlock the jaws, pinch your fingers inward again.

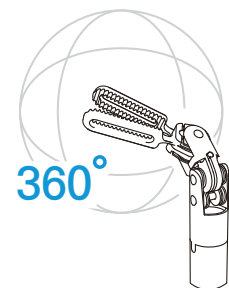


Monopolar Handle : Hand or Foot-Controlled

The ArtiSential Monopolar products are available in hand-control or foot-control options.
Hand-controlled products are provided with the cable attached, and the user can easily manipulate the Coagulation / Cut functions with the handle's buttons.

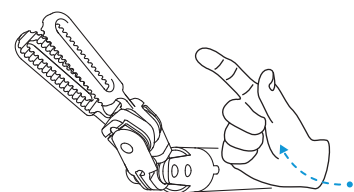


Features and Advantages of ArtiSential



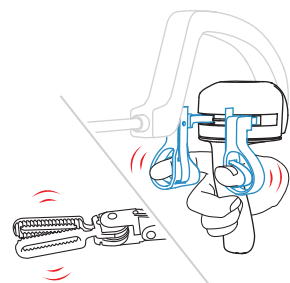
Flexible Access

ArtiSential's double-jointed end effector allows various angles of approach with 360° degrees of freedom. This enables greater access to a variety of anatomical structures.



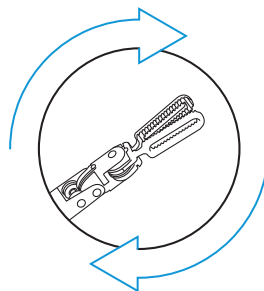
Ergonomic Interface

ArtiSential features a precision grip that provides ergonomically friendly manipulation and control.



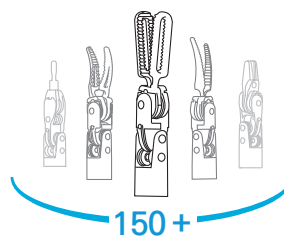
Tactile Feedback

Provides advantages of articulating instruments without losing tactile feedback, which is essential for applying precise force on tissue.



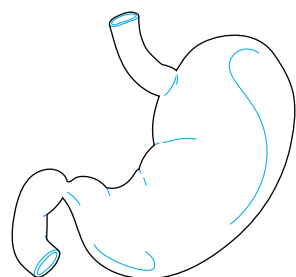
Any O.R., Anytime

We eliminate the need for scheduled block time. ArtiSential can be used in the existing surgical environment without any additional capital system or footprint.



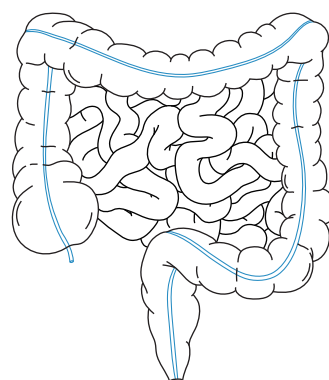
Growing Articulating Product Line

Our growing portfolio of instruments continues to expand and meet the needs of the advanced, minimally invasive surgeons in a variety of surgical procedures.



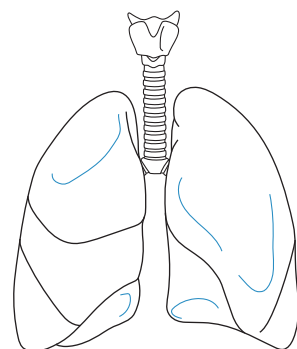
STOMACH SURGERY

Gastrectomy
Hiatal repair
Ulcer perforation
Sleeve gastrectomy (with gastric bypass)
Inguinal hernia



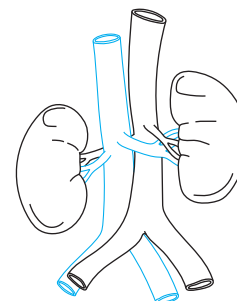
COLORECTAL SURGERY

Colectomy
Rectopexy
Rt. / Lt. (Hemi) colectomy
Appendectomy
LAR



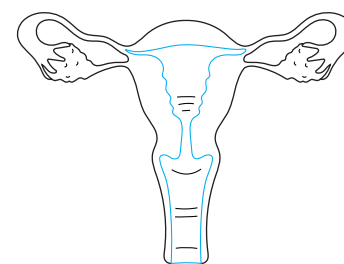
CARDIO-THORACIC SURGERY

Lobectomy, Segmentectomy
Mediastinal mass removal
Thymectomy



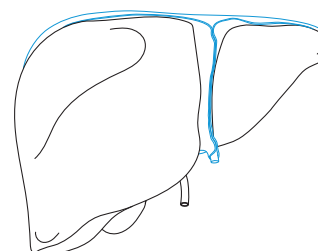
UROLOGICAL SURGERY

Prostatectomy
Nephrectomy
Partial nephrectomy
Cystectomy
Partial cystectomy
Urinary calculus
Pyeloplasty



GYNECOLOGICAL SURGERY

Myomectomy
Oophorectomy
Colpopexy
Ovarian cystectomy
Hysterectomy



HEPATO-PANCREATO-BILIARY SURGERY

Cholecystectomy
Whipple procedure
PPPD
Hepatectomy
Gallbladder

Bipolar	- Fenestrated Forceps - Maryland Dissector - Precise Dissector - Blunt tip Dissector
Monopolar	- Precise Dissector - Hook - Spatula - Scissors
Non-energy	- Needle Holder - Precise Needle Holder - Clip Applier - Fenestrated Forceps - Maryland Dissector - Clinch Forceps - Precise Dissector

Line up

Specifications

Sterile Single use Laparoscopic Instruments Electrodes

MODEL NAME	PRODUCT DESCRIPTION	SHAFT LENGTH	LOCK	JAW LENGTH	SHAFT DIAMETER	ELECTRODE	UNITS/BOX
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I ArtiSential Laparoscopic Instruments – Electrodes

Bipolar Fenestrated Forceps							
ABF01-F	Bipolar Fenestrated Forceps-38cm	38cm	N/A	18mm	8mm	Bipolar	1EA/BOX
ABF01-L	Bipolar Fenestrated Forceps-38cm-Lock	38cm	O				
ABF01S-F	Bipolar Fenestrated Forceps-25cm	25cm	N/A				
ABF01S-L	Bipolar Fenestrated Forceps-25cm-Lock	25cm	O				
ABF01L-F	Bipolar Fenestrated Forceps-45cm	45cm	N/A				
ABF01L-L	Bipolar Fenestrated Forceps-45cm-Lock	45cm	O				

Bipolar Maryland Dissector							
ABD01-F	Bipolar Maryland Dissector-38cm	38cm	N/A	20mm	8mm	Bipolar	1EA/BOX
ABD01-L	Bipolar Maryland Dissector-38cm-Lock	38cm	O				
ABD01S-F	Bipolar Maryland Dissector-25cm	25cm	N/A				
ABD01S-L	Bipolar Maryland Dissector-25cm-Lock	25cm	O				
ABD01L-F	Bipolar Maryland Dissector-45cm	45cm	N/A				
ABD01L-L	Bipolar Maryland Dissector-45cm-Lock	45cm	O				

Bipolar Precise Dissector							
ABD02-F	Bipolar Precise Dissector-38cm	38cm	N/A	17mm	8mm	Bipolar	1EA/BOX
ABD02-L	Bipolar Precise Dissector-38cm-Lock	38cm	O				
ABD02S-F	Bipolar Precise Dissector-25cm	25cm	N/A				
ABD02S-L	Bipolar Precise Dissector-25cm-Lock	25cm	O				
ABD02L-F	Bipolar Precise Dissector-45cm	45cm	N/A				
ABD02L-L	Bipolar Precise Dissector-45cm-Lock	45cm	O				

Monopolar Precise Dissector							
AMD01-L	Monopolar Precise Dissector-38cm-Lock	38cm	O	14mm	8mm	Monopolar	1EA/BOX
AMD01S-L	Monopolar Precise Dissector-25cm-Lock	25cm	O				
AMD01L-L	Monopolar Precise Dissector-45cm-Lock	45cm	O				

Monopolar Spatula							
AMT01-F	Monopolar Spatula-38cm	38cm	N/A	5mm	8mm	Monopolar	1EA/BOX
AMT01-L	Monopolar Spatula-38cm-Lock	38cm	O				
AMT01S-F	Monopolar Spatula-25cm	25cm	N/A				
AMT01S-L	Monopolar Spatula-25cm-Lock	25cm	O				
AMT01L-F	Monopolar Spatula-45cm	45cm	N/A				
AMT01L-L	Monopolar Spatula-45cm-Lock	45cm	O				

MODEL NAME	PRODUCT DESCRIPTION	SHAFT LENGTH	LOCK	JAW LENGTH	SHAFT DIAMETER	ELECTRODE	UNITS/BOX
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Monopolar Hook							
AMHU01-F	Monopolar Hook-Up-38cm	38cm	N/A	8mm	8mm	Monopolar	1EA/BOX
AMHU01-L	Monopolar Hook-Up-38cm-Lock	38cm	O				
AMHU01S-F	Monopolar Hook-Up-25cm	25cm	N/A				
AMHU01S-L	Monopolar Hook-Up-25cm-Lock	25cm	O				
AMHU01L-F	Monopolar Hook-Up-45cm	45cm	N/A				
AMHU01L-L	Monopolar Hook-Up-45cm-Lock	45cm	O				
AMHD01-F	Monopolar Hook-Down-38cm	38cm	N/A				
AMHD01-L	Monopolar Hook-Down-38cm-Lock	38cm	O				
AMHD01S-F	Monopolar Hook-Down-25cm	25cm	N/A				
AMHD01S-L	Monopolar Hook-Down-25cm-Lock	25cm	O				
AMHD01L-F	Monopolar Hook-Down-45cm	45cm	N/A				
AMHD01L-L	Monopolar Hook-Down-45cm-Lock	45cm	O				
AMHR01-F	Monopolar Hook-Right-38cm	38cm	N/A				
AMHR01-L	Monopolar Hook-Right-38cm-Lock	38cm	O				
AMHR01S-F	Monopolar Hook-Right-25cm	25cm	N/A				
AMHR01S-L	Monopolar Hook-Right-25cm-Lock	25cm	O				
AMHR01L-F	Monopolar Hook-Right-45cm	45cm	N/A				
AMHR01L-L	Monopolar Hook-Right-45cm-Lock	45cm	O				
AMHL01-F	Monopolar Hook-Left-38cm	38cm	N/A				
AMHL01-L	Monopolar Hook-Left-38cm-Lock	38cm	O				
AMHL01S-F	Monopolar Hook-Left-25cm	25cm	N/A				
AMHL01S-L	Monopolar Hook-Left-25cm-Lock	25cm	O				
AMHL01L-F	Monopolar Hook-Left-45cm	45cm	N/A				
AMHL01L-L	Monopolar Hook-Left-45cm-Lock	45cm	O				

Sterile Single use Laparoscopic Instruments

MODEL NAME	PRODUCT DESCRIPTION	SHAFT LENGTH	LOCK	JAW LENGTH	SHAFT DIAMETER	ELECTRODE	UNITS/BOX
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I ArtiSential Clip Applier

Clip Applier Medium Large							
ACA01-F	Clip Applier Medium Large-38cm	38cm	N/A	19mm	8mm	N/A	1EA/BOX
ACA01-L	Clip Applier Medium Large-38cm-Lock	38cm	O				
ACA01S-F	Clip Applier Medium Large-25cm	25cm	N/A				
ACA01S-L	Clip Applier Medium Large-25cm-Lock	25cm	O				
ACA01L-F	Clip Applier Medium Large-45cm	45cm	N/A				
ACA01L-L	Clip Applier Medium Large-45cm-Lock	45cm	O				

MODEL NAME	PRODUCT DESCRIPTION	SHAFT LENGTH	LOCK	JAW LENGTH	SHAFT DIAMETER	ELECTRODE	UNITS/BOX
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ArtiSential Needle Holder

Needle Holder



ANH01-F	Needle Holder-38cm	38cm	N/A	10mm	8mm	N/A	1EA/BOX
ANH01-L	Needle Holder-38cm-Lock	38cm	O				
ANH01S-F	Needle Holder-25cm	25cm	N/A				
ANH01S-L	Needle Holder-25cm-Lock	25cm	O				
ANH01L-F	Needle Holder-45cm	45cm	N/A				
ANH01L-L	Needle Holder-45cm-Lock	45cm	O				

Precise Needle Holder



ANH02-F	Precise Needle Holder-38cm	38cm	N/A	9mm	8mm	N/A	1EA/BOX
ANH02-L	Precise Needle Holder-38cm-Lock	38cm	O				
ANH02S-F	Precise Needle Holder-25cm	25cm	N/A				
ANH02S-L	Precise Needle Holder-25cm-Lock	25cm	O				
ANH02L-F	Precise Needle Holder-45cm	45cm	N/A				
ANH02L-L	Precise Needle Holder-45cm-Lock	45cm	O				

ArtiSential Laparoscopic Instruments-Graspers

Fenestrated Forceps



AUF01-F	Fenestrated Forceps-38cm	38cm	N/A	18mm	8mm	N/A	1EA/BOX
AUF01-L	Fenestrated Forceps-38cm-Lock	38cm	O				
AUF01S-F	Fenestrated Forceps-25cm	25cm	N/A				
AUF01S-L	Fenestrated Forceps-25cm-Lock	25cm	O				
AUF01L-F	Fenestrated Forceps-45cm	45cm	N/A				
AUF01L-L	Fenestrated Forceps-45cm-Lock	45cm	O				

Maryland Dissector



AUD01-F	Maryland Dissector-38cm	38cm	N/A	20mm	8mm	N/A	1EA/BOX
AUD01-L	Maryland Dissector-38cm-Lock	38cm	O				
AUD01S-F	Maryland Dissector-25cm	25cm	N/A				
AUD01S-L	Maryland Dissector-25cm-Lock	25cm	O				
AUD01L-F	Maryland Dissector-45cm	45cm	N/A				
AUD01L-L	Maryland Dissector-45cm-Lock	45cm	O				

SPECIFICATIONS

Control Option



[Hand-Controlled]



[Foot-Controlled]

Sterile Single-use Laparoscopic Instruments



ITEM CODE	PRODUCT DESCRIPTION	SHAFT LENGTH	LOCK	JAW LENGTH	SHAFT DIAMETER	ELECTRODE	UNITS/BOX
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ArtiSential Laparoscopic Instruments-Electrodes, Monopolar Series (Hand-controlled)

Monopolar Spatula



AMT01-FH	Monopolar Spatula-38cm	38cm	N/A	Hand Control	5mm	8mm	Monopolar	1EA/BOX
AMT01-LH	Monopolar Spatula-38cm-Lock	38cm	O					
AMT01S-FH	Monopolar Spatula-25cm	25cm	N/A					
AMT01S-LH	Monopolar Spatula-25cm-Lock	25cm	O					
AMT01L-FH	Monopolar Spatula-45cm	45cm	N/A					
AMT01L-LH	Monopolar Spatula-45cm-Lock	45cm	O					

Monopolar Hook

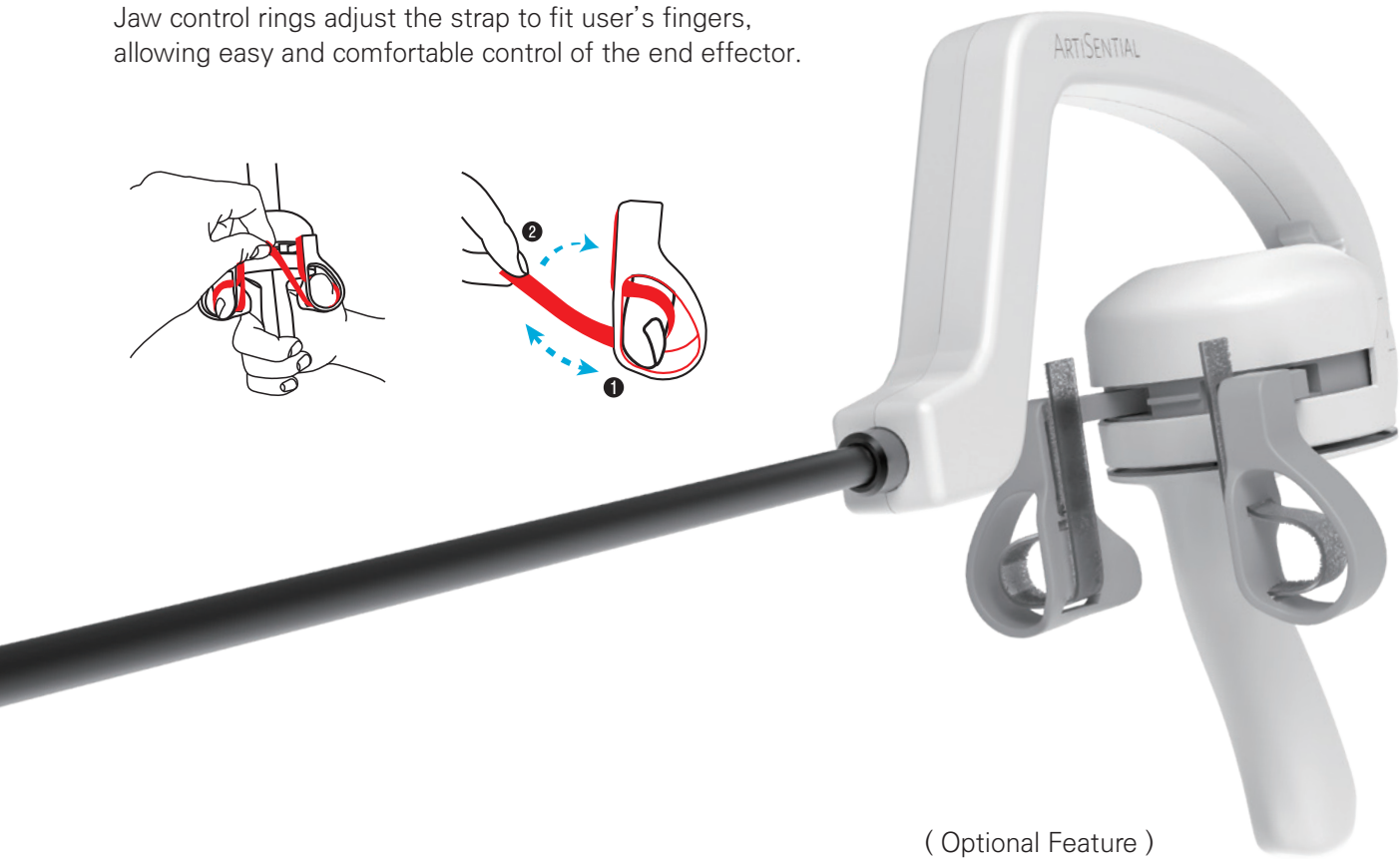


AMHU01-FH	Monopolar Hook-Up-38cm	38cm	N/A	Hand Control	8mm	8mm	Monopolar	1EA/BOX
AMHU01-LH	Monopolar Hook-Up-38cm-Lock	38cm	O					
AMHU01S-FH	Monopolar Hook-Up-25cm	25cm	N/A					
AMHU01S-LH	Monopolar Hook-Up-25cm-Lock	25cm	O					
AMHU01L-FH	Monopolar Hook-Up-45cm	45cm	N/A					
AMHU01L-LH	Monopolar Hook-Up-45cm-Lock	45cm	O					
AMHD01-FH	Monopolar Hook-Down-38cm	38cm	N/A					
AMHD01-LH	Monopolar Hook-Down-38cm-Lock	38cm	O					
AMHD01S-FH	Monopolar Hook-Down-25cm	25cm	N/A					
AMHD01S-LH	Monopolar Hook-Down-25cm-Lock	25cm	O					
AMHD01L-FH	Monopolar Hook-Down-45cm	45cm	N/A					
AMHD01L-LH	Monopolar Hook-Down-45cm-Lock	45cm	O					
AMHR01-FH	Monopolar Hook-Right-38cm	38cm	N/A					
AMHR01-LH	Monopolar Hook-Right-38cm-Lock	38cm	O					
AMHR01S-FH	Monopolar Hook-Right-25cm	25cm	N/A					
AMHR01S-LH	Monopolar Hook-Right-25cm-Lock	25cm	O					
AMHR01L-FH	Monopolar Hook-Right-45cm	45cm	N/A					
AMHR01L-LH	Monopolar Hook-Right-45cm-Lock	45cm	O					
AMHL01-FH	Monopolar Hook-Left-38cm	38cm	N/A					
AMHL01-LH	Monopolar Hook-Left-38cm-Lock	38cm	O					
AMHL01S-FH	Monopolar Hook-Left-25cm	25cm	N/A					
AMHL01S-LH	Monopolar Hook-Left-25cm-Lock	25cm	O					
AMHL01L-FH	Monopolar Hook-Left-45cm	45cm	N/A					
AMHL01L-LH	Monopolar Hook-Left-45cm-Lock	45cm	O					

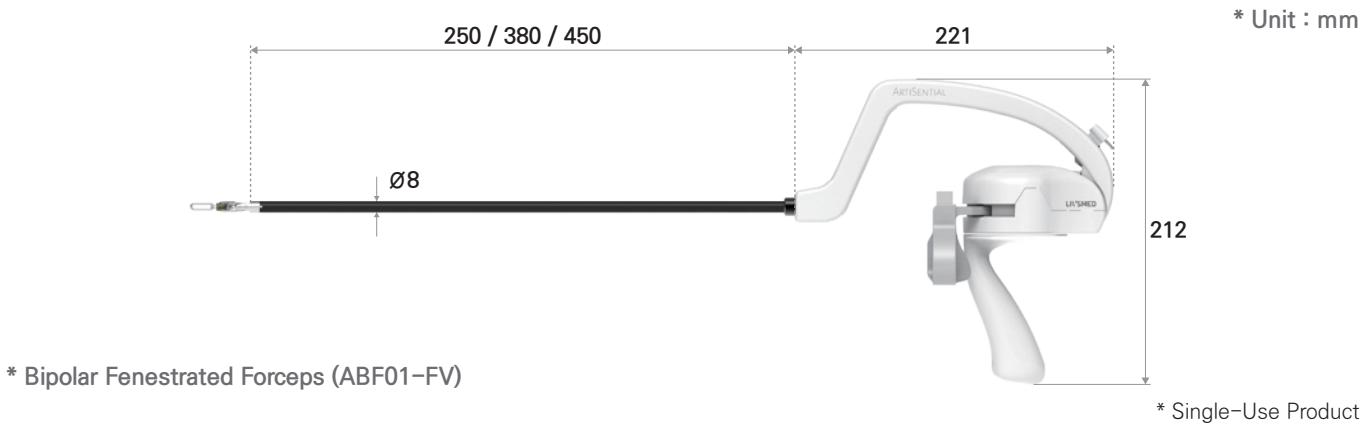
ARTISENTIAL™
Articulating Laparoscopic Instrument
— ADJUSTABLE —

Adjustable Jaw Control Ring

Jaw control rings adjust the strap to fit user’s fingers, allowing easy and comfortable control of the end effector.



SPECIFICATIONS



Sterile Single use Laparoscopic Instruments Electrodes

MODEL NAME	PRODUCT DESCRIPTION	SHAFT LENGTH	LOCK	JAW LENGTH	SHAFT DIAMETER	ELECTRODE	UNITS/BOX
I ArtiSential Laparoscopic Instruments – Electrodes							
Bipolar Fenestrated Forceps							
ABF01-FV	Bipolar Fenestrated Forceps-38cm-Adjustable	38cm	N/A	18mm	8mm	Bipolar	1EA/BOX
ABF01-LV	Bipolar Fenestrated Forceps-38cm-Lock-Adjustable	38cm	O				
ABF01S-FV	Bipolar Fenestrated Forceps-25cm-Adjustable	25cm	N/A				
ABF01S-LV	Bipolar Fenestrated Forceps-25cm-Lock-Adjustable	25cm	O				
ABF01L-FV	Bipolar Fenestrated Forceps-45cm-Adjustable	45cm	N/A				
ABF01L-LV	Bipolar Fenestrated Forceps-45cm-Lock-Adjustable	45cm	O				
Bipolar Maryland Dissector							
ABD01-FV	Bipolar Maryland Dissector-38cm-Adjustable	38cm	N/A	20mm	8mm	Bipolar	1EA/BOX
ABD01-LV	Bipolar Maryland Dissector-38cm-Lock-Adjustable	38cm	O				
ABD01S-FV	Bipolar Maryland Dissector-25cm-Adjustable	25cm	N/A				
ABD01S-LV	Bipolar Maryland Dissector-25cm-Lock-Adjustable	25cm	O				
ABD01L-FV	Bipolar Maryland Dissector-45cm-Adjustable	45cm	N/A				
ABD01L-LV	Bipolar Maryland Dissector-45cm-Lock-Adjustable	45cm	O				
Bipolar Precise Dissector							
ABD02-FV	Bipolar Precise Dissector-38cm-Adjustable	38cm	N/A	17mm	8mm	Bipolar	1EA/BOX
ABD02-LV	Bipolar Precise Dissector-38cm-Lock-Adjustable	38cm	O				
ABD02S-FV	Bipolar Precise Dissector-25cm-Adjustable	25cm	N/A				
ABD02S-LV	Bipolar Precise Dissector-25cm-Lock-Adjustable	25cm	O				
ABD02L-FV	Bipolar Precise Dissector-45cm-Adjustable	45cm	N/A				
ABD02L-LV	Bipolar Precise Dissector-45cm-Lock-Adjustable	45cm	O				
Bipolar Blunt tip Dissector							
ABD04-FV	Bipolar Blunt tip Dissector-38cm-Adjustable	38cm	N/A	17mm	8mm	Bipolar	1EA/BOX
ABD04-LV	Bipolar Blunt tip Dissector-38cm-Lock-Adjustable	38cm	O				
ABD04S-FV	Bipolar Blunt tip Dissector-25cm-Adjustable	25cm	N/A				
ABD04S-LV	Bipolar Blunt tip Dissector-25cm-Lock-Adjustable	25cm	O				
ABD04L-FV	Bipolar Blunt tip Dissector-45cm-Adjustable	45cm	N/A				
ABD04L-LV	Bipolar Blunt tip Dissector-45cm-Lock-Adjustable	45cm	O				

MODEL NAME	PRODUCT DESCRIPTION	SHAFT LENGTH	LOCK	JAW LENGTH	SHAFT DIAMETER	ELECTRODE	UNITS/BOX
Monopolar Precise Dissector							
AMD01-FV	Monopolar Precise Dissector-38cm-Adjustable	38cm	N/A	14mm	8mm	Monopolar	1EA/BOX
AMD01-LV	Monopolar Precise Dissector-38cm-Lock-Adjustable	38cm	O				
AMD01S-FV	Monopolar Precise Dissector-25cm-Adjustable	25cm	N/A				
AMD01S-LV	Monopolar Precise Dissector-25cm-Lock-Adjustable	25cm	O				
AMD01L-FV	Monopolar Precise Dissector-45cm-Adjustable	45cm	N/A				
AMD01L-LV	Monopolar Precise Dissector-45cm-Lock-Adjustable	45cm	O				

Monopolar Scissors							
AMSU01-FV	Monopolar Scissors-Up-38cm-Adjustable	38cm	N/A	11mm	8mm	Monopolar	1EA/BOX
AMSU01-LV	Monopolar Scissors-Up-38cm-Lock-Adjustable	38cm	O				
AMSU01S-FV	Monopolar Scissors-Up-25cm-Adjustable	25cm	N/A				
AMSU01S-LV	Monopolar Scissors-Up-25cm-Lock-Adjustable	25cm	O				
AMSU01L-FV	Monopolar Scissors-Up-45cm-Adjustable	45cm	N/A				
AMSU01L-LV	Monopolar Scissors-Up-45cm-Lock-Adjustable	45cm	O				
AMSD01-FV	Monopolar Scissors-Down-38cm-Adjustable	38cm	N/A				
AMSD01-LV	Monopolar Scissors-Down-38cm-Lock-Adjustable	38cm	O				
AMSD01S-FV	Monopolar Scissors-Down-25cm-Adjustable	25cm	N/A				
AMSD01S-LV	Monopolar Scissors-Down-25cm-Lock-Adjustable	25cm	O				
AMSD01L-FV	Monopolar Scissors-Down-45cm-Adjustable	45cm	N/A				
AMSD01L-LV	Monopolar Scissors-Down-45cm-Lock-Adjustable	45cm	O				

Sterile Single use Laparoscopic Instruments

ArtiSential Needle Holder

Needle Holder							
ANH01-FV	Needle Holder-38cm-Adjustable	38cm	N/A	10mm	8mm	N/A	1EA/BOX
ANH01-LV	Needle Holder-38cm-Lock-Adjustable	38cm	O				
ANH01S-FV	Needle Holder-25cm-Adjustable	25cm	N/A				
ANH01S-LV	Needle Holder-25cm-Lock-Adjustable	25cm	O				
ANH01L-FV	Needle Holder-45cm-Adjustable	45cm	N/A				
ANH01L-LV	Needle Holder-45cm-Lock-Adjustable	45cm	O				

Precise Needle Holder							
ANH02-FV	Precise Needle Holder-38cm-Adjustable	38cm	N/A	9mm	8mm	N/A	1EA/BOX
ANH02-LV	Precise Needle Holder-38cm-Lock-Adjustable	38cm	O				
ANH02S-FV	Precise Needle Holder-25cm-Adjustable	25cm	N/A				
ANH02S-LV	Precise Needle Holder-25cm-Lock-Adjustable	25cm	O				
ANH02L-FV	Precise Needle Holder-45cm-Adjustable	45cm	N/A				
ANH02L-LV	Precise Needle Holder-45cm-Lock-Adjustable	45cm	O				

MODEL NAME	PRODUCT DESCRIPTION	SHAFT LENGTH	LOCK	JAW LENGTH	SHAFT DIAMETER	ELECTRODE	UNITS/BOX
ArtiSential Clip Applier							
Clip Applier Medium Large							
ACA01-FV	Clip Applier Medium Large-38cm-Adjustable	38cm	N/A	19mm	8mm	N/A	1EA/BOX
ACA01-LV	Clip Applier Medium Large-38cm-Lock-Adjustable	38cm	O				
ACA01S-FV	Clip Applier Medium Large-25cm-Adjustable	25cm	N/A				
ACA01S-LV	Clip Applier Medium Large-25cm-Lock-Adjustable	25cm	O				
ACA01L-FV	Clip Applier Medium Large-45cm-Adjustable	45cm	N/A				
ACA01L-LV	Clip Applier Medium Large-45cm-Lock-Adjustable	45cm	O				

ArtiSential Laparoscopic Instruments-Graspers

Fenestrated Forceps							
AUF01-FV	Fenestrated Forceps-38cm-Adjustable	38cm	N/A	18mm	8mm	N/A	1EA/BOX
AUF01-LV	Fenestrated Forceps-38cm-Lock-Adjustable	38cm	O				
AUF01S-FV	Fenestrated Forceps-25cm-Adjustable	25cm	N/A				
AUF01S-LV	Fenestrated Forceps-25cm-Lock-Adjustable	25cm	O				
AUF01L-FV	Fenestrated Forceps-45cm-Adjustable	45cm	N/A				
AUF01L-LV	Fenestrated Forceps-45cm-Lock-Adjustable	45cm	O				

Clinch Forceps							
ACF01-FV	Clinch Forceps-38cm-Adjustable	38cm	N/A	20mm	8mm	N/A	1EA/BOX
ACF01-LV	Clinch Forceps-38cm-Lock-Adjustable	38cm	O				
ACF01S-FV	Clinch Forceps-25cm-Adjustable	25cm	N/A				
ACF01S-LV	Clinch Forceps-25cm-Lock-Adjustable	25cm	O				
ACF01L-FV	Clinch Forceps-45cm-Adjustable	45cm	N/A				
ACF01L-LV	Clinch Forceps-45cm-Lock-Adjustable	45cm	O				

Maryland Dissector							
AUD01-FV	Maryland Dissector-38cm-Adjustable	38cm	N/A	20mm	8mm	N/A	1EA/BOX
AUD01-LV	Maryland Dissector-38cm-Lock-Adjustable	38cm	O				
AUD01S-FV	Maryland Dissector-25cm-Adjustable	25cm	N/A				
AUD01S-LV	Maryland Dissector-25cm-Lock-Adjustable	25cm	O				
AUD01L-FV	Maryland Dissector-45cm-Adjustable	45cm	N/A				
AUD01L-LV	Maryland Dissector-45cm-Lock-Adjustable	45cm	O				

Precise Dissector							
AUD02-FV	Precise Dissector-38cm-Adjustable	38cm	N/A	17mm	8mm	N/A	1EA/BOX
AUD02-LV	Precise Dissector-38cm-Lock-Adjustable	38cm	O				
AUD02S-FV	Precise Dissector-25cm-Adjustable	25cm	N/A				
AUD02S-LV	Precise Dissector-25cm-Lock-Adjustable	25cm	O				
AUD02L-FV	Precise Dissector-45cm-Adjustable	45cm	N/A				
AUD02L-LV	Precise Dissector-45cm-Lock-Adjustable	45cm	O				



ARTISENTIAL⁵
Articulating Laparoscopic Instrument

Slim and Precise
The One & Only 5mm Articulating instrument



Slim and Precise
The One & Only 5mm Articulating Instrument

ArtiSential 5TM

ArtiSential is a combination of Articulation + Essential.
Its multi-jointed structure allows the end tool to move exactly
like the user's hand and fingers, granting intuitive control to the surgeon.



ArtiSential 5 is your Key to Surgery

Back to the basics of laparoscopy : smaller scars, now with articulation.

Slim and precise.

The one and only 5mm articulating instrument.

* Fenestrated Forceps (5AUF01-LV)

Shaft Diameter

Full articulation embodied in a 5mm shaft

8mm

5mm

2 4 6 8

Longer End-tool * Baseline : Fenestrated Forceps

Increased length and decreased thickness for more delicate, precise action

18mm

20mm

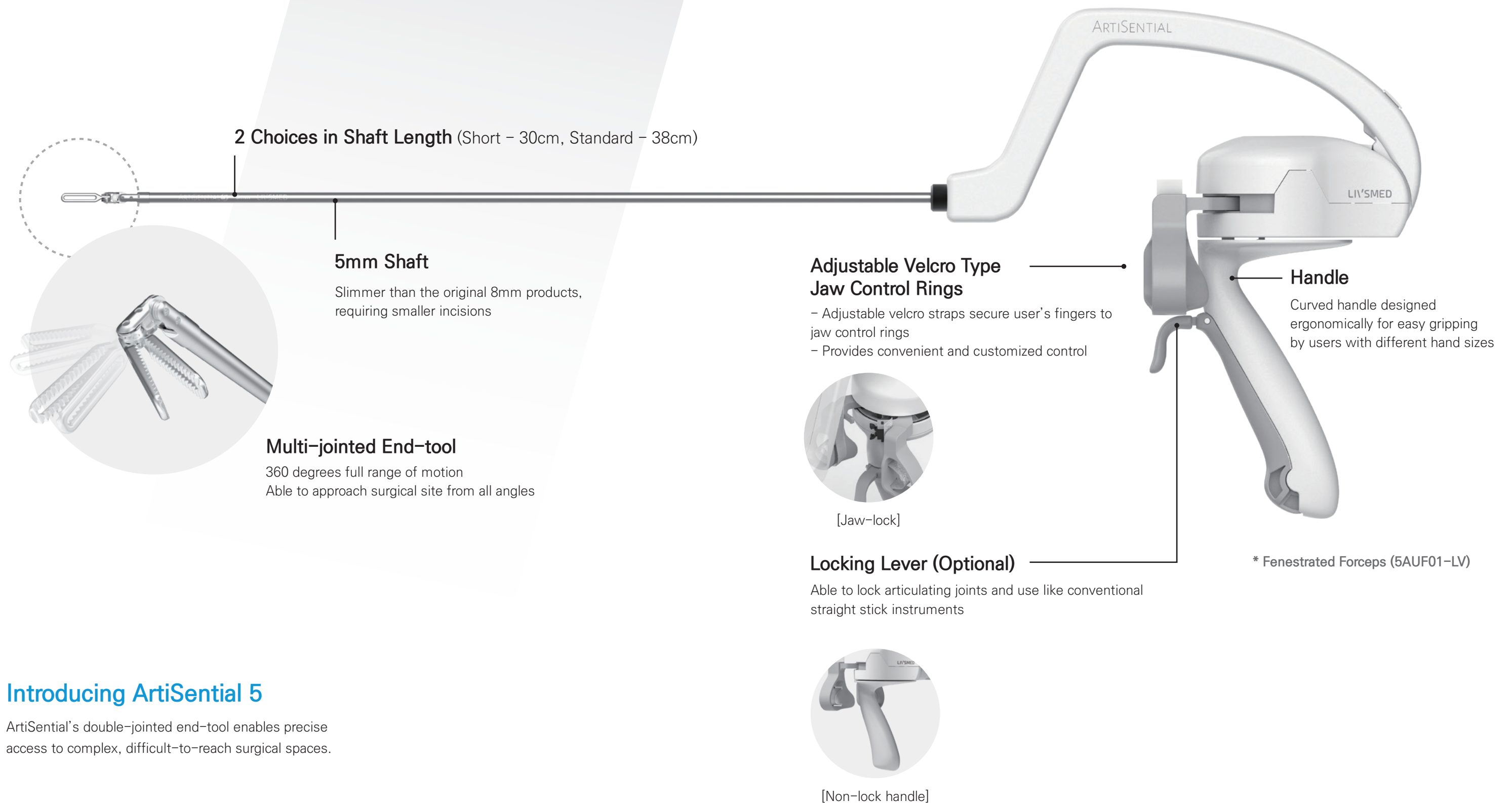
~ 10 12 14 16 18 20

● Original ArtiSential

● ArtiSential 5

ARTISENTIAL⁵

Articulating Laparoscopic Instrument

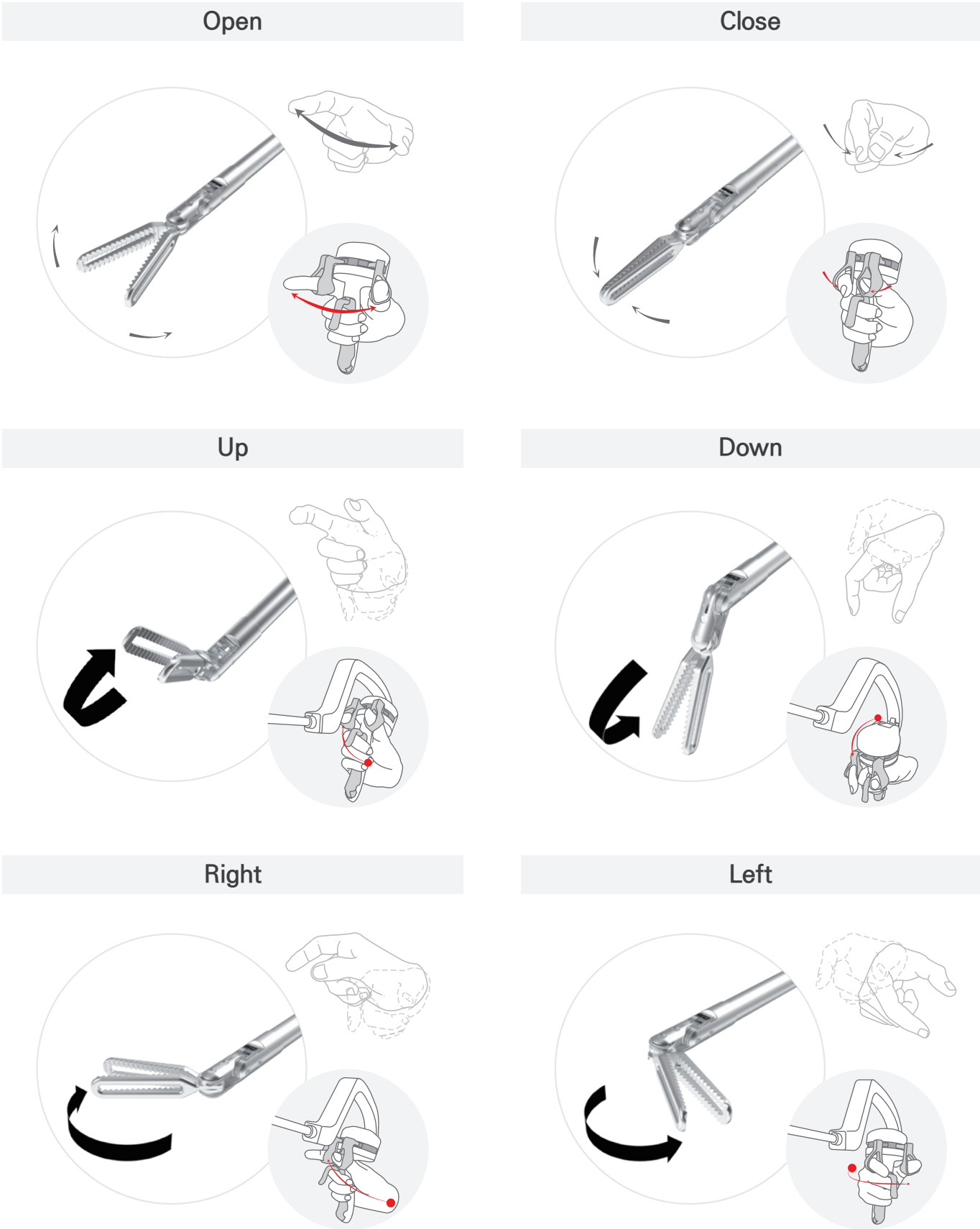


Introducing ArtiSential 5

ArtiSential's double-jointed end-tool enables precise access to complex, difficult-to-reach surgical spaces.

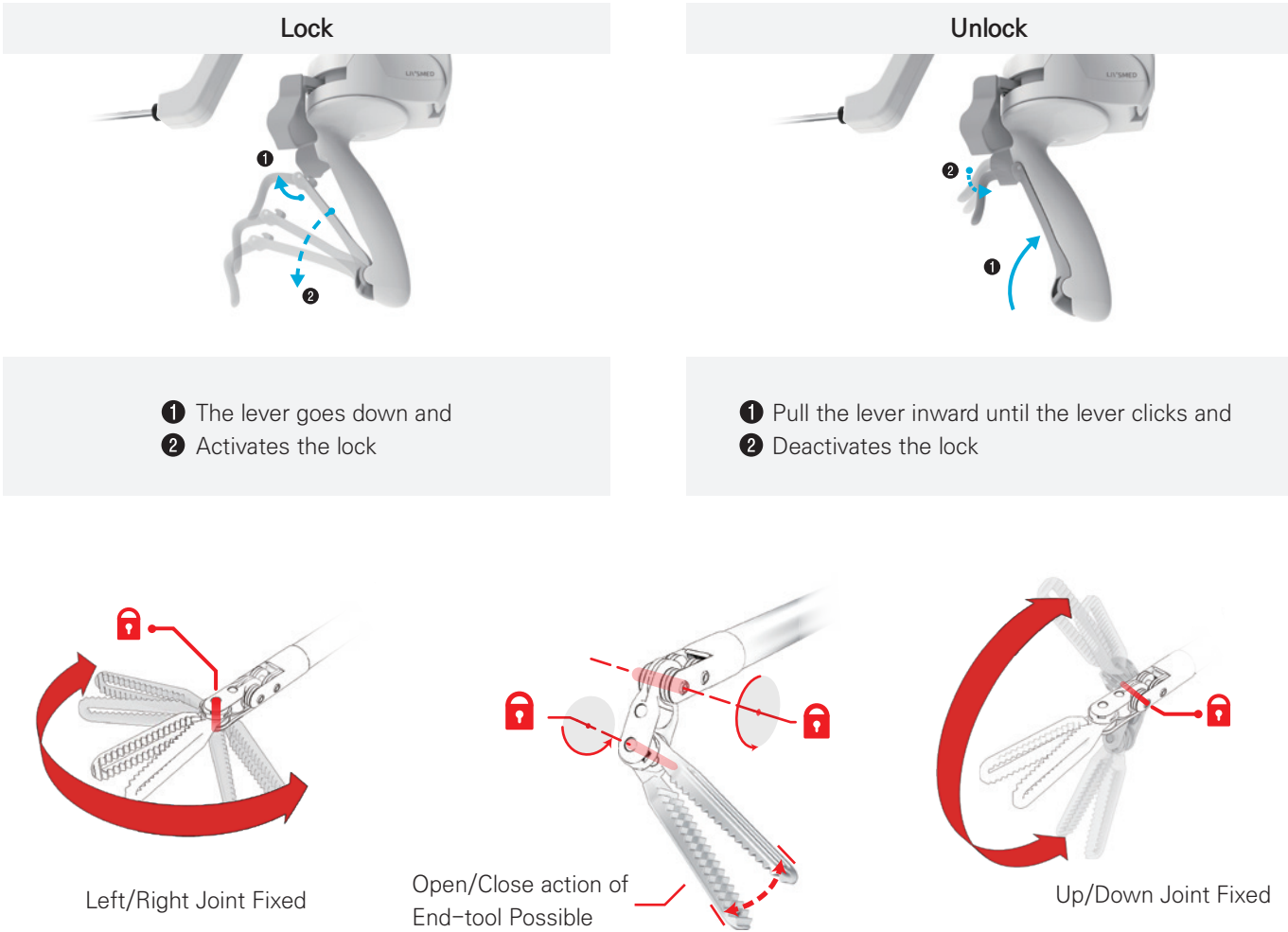
Synchronized Interface

ArtiSential’s end-tool has two joints enabling both vertical and horizontal movements that are perfectly synchronized with the user’s hand. Its multiple degrees of freedom assist the user in performing a wide variety of surgical procedures.



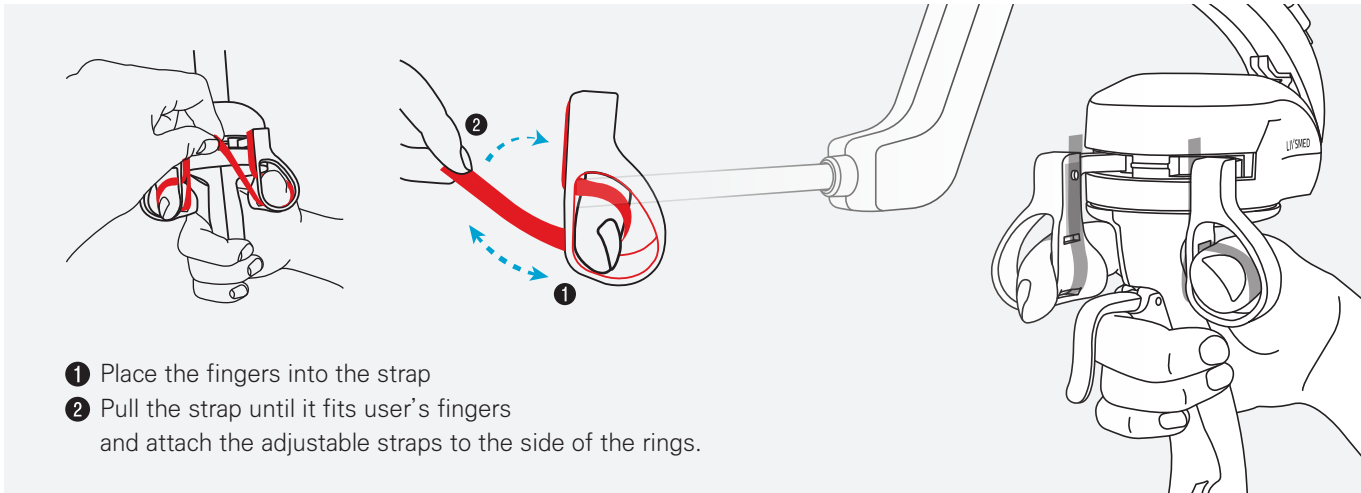
How to use the locking lever

When the locking feature is activated, UP/DOWN, LEFT/RIGHT articulating joint is fixed like a conventional straight instrument, but OPEN/CLOSE action of the end-tool is possible.



How to Use the Adjustable Jaw Control Rings

Adjust the strap to fit user’s fingers. The fingers are fastened to the jaw control rings, allowing comfortable and easy control of the end-effector.



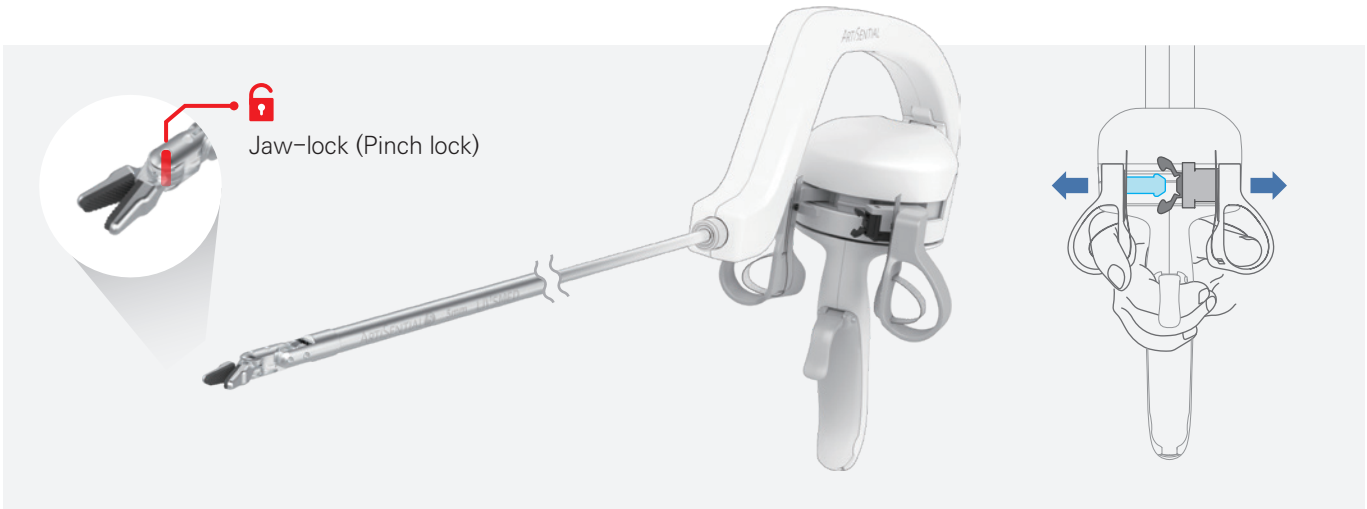
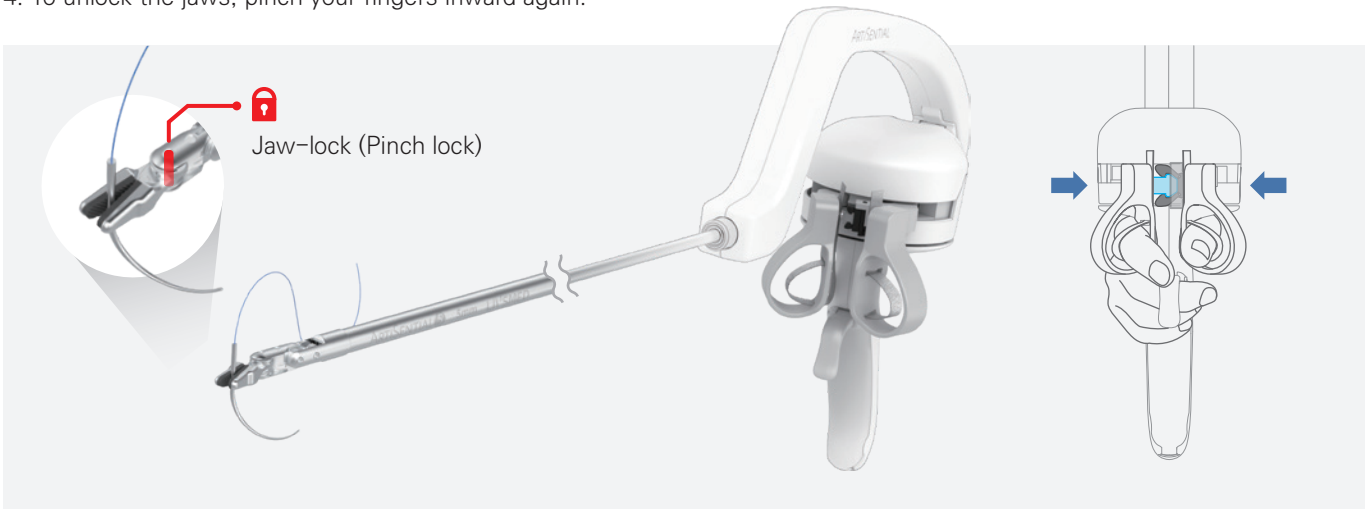
Needle Holder: Jaw-lock (Pinch lock) function

The ArtiSential Needle Holder provides a Jaw-lock (Pinch lock) function.
This ergonomic design allows easy locking and unlocking of the jaw by grasping the Jaw Control Rings.
With this function, the surgeon can suture easily by holding the needle securely without physical stress.



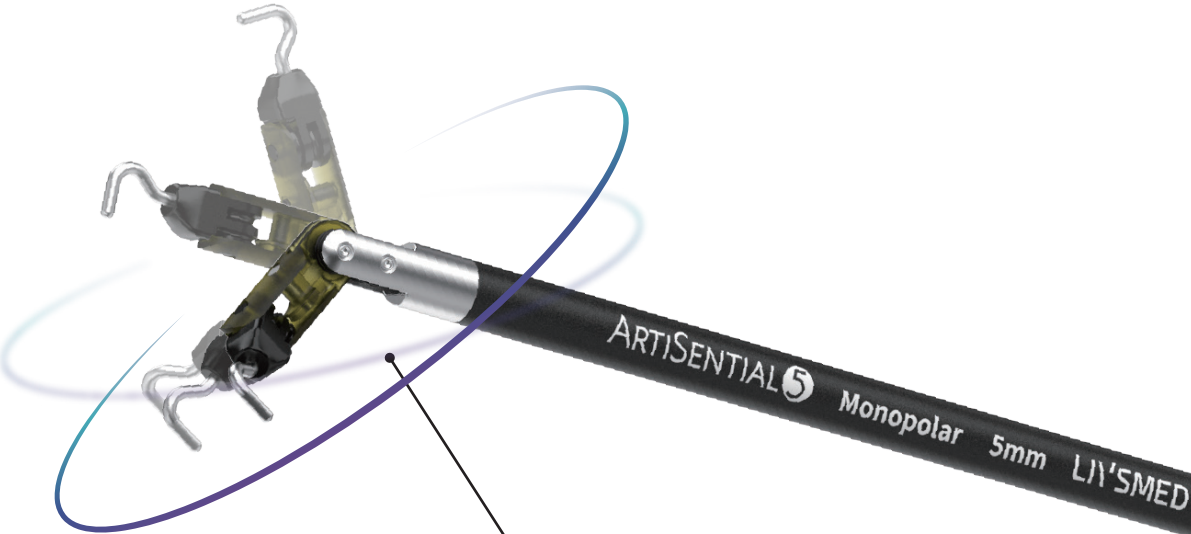
How to use Jaw-lock (Pinch lock) function

1. Grip the handle by inserting your thumb and index finger in the rings.
2. Pinch inward with your thumb and index finger.
3. When the rings click together, the jaws lock closed.
4. To unlock the jaws, pinch your fingers inward again.



Monopolar Handle : Hand-controlled

The ArtiSential 5 Monopolar products are hand-controllable products.
Hand-controlled products are provided with the cable attached,
and the user can easily manipulate the Coagulation / Cut functions with the handle's buttons.



Available Instruments

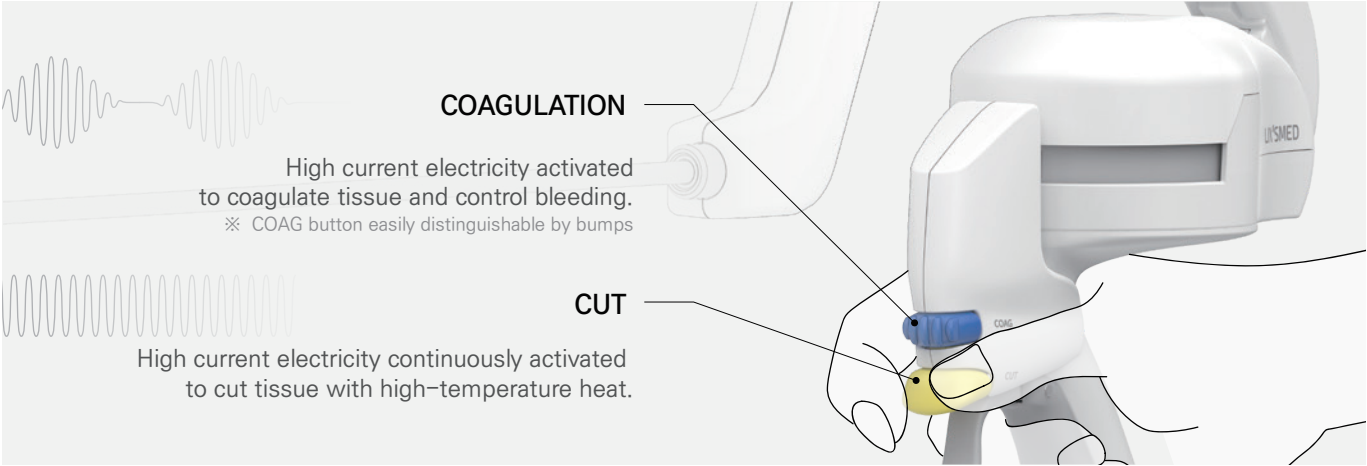


Monopolar Hook



Monopolar Spatula

COAGULATION / CUT Buttons



[Hand-controlled]

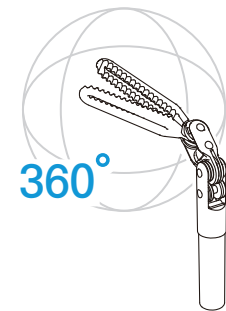
Hand-controlled Monopolar Handle

Easy to use without additional cable or foot switch

* Monopolar Hook – Hand Control (5AMHD01-LH)

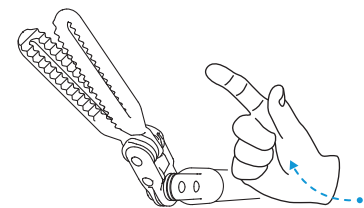


Monopolar Cable Connector



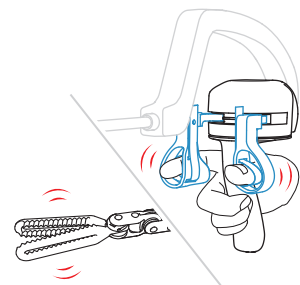
360 Degrees of Freedom

ArtiSential's double-jointed end-tool allows full range of freedom in movement, enabling all angles to approach the surgical site. The user can access narrow anatomical spaces with simple wrist and finger movements.



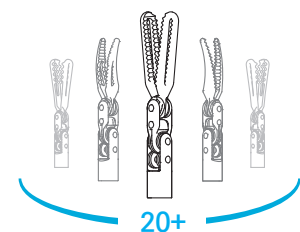
Intuitive Control

The end-tool moves in the same direction as the user's hand/fingers, providing easy, intuitive control.



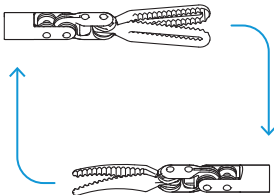
Tactile Feedback

Unlike other instruments, ArtiSential allows the user to feel pressure of the actual surgical site. With tactile feedback, the surgeon can perform surgery more carefully and precisely.



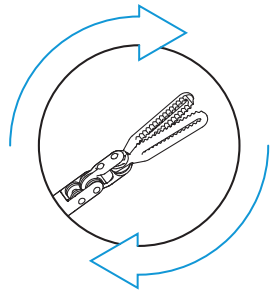
Various instruments

Surgeons can choose different end-tool types and sizes to lead the success of the surgery with more than 20 various instruments.



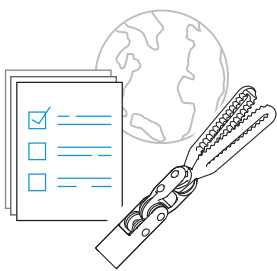
Quick & Easy Usage

ArtiSential, being a hand-held instrument, makes it easy to switch between devices during surgery. The user can use the product when needing articulation, and it can be used with conventional instruments or other energy devices.



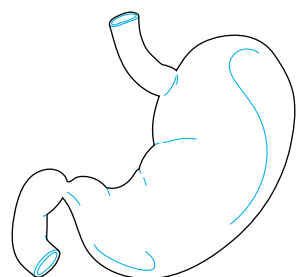
Cost-effectiveness

ArtiSential can be introduced to existing surgery rooms without additional space, workforce, or preparation time. Because the surgeon performs surgery right by the patient, surgeons can manage emergency situations if they occur.



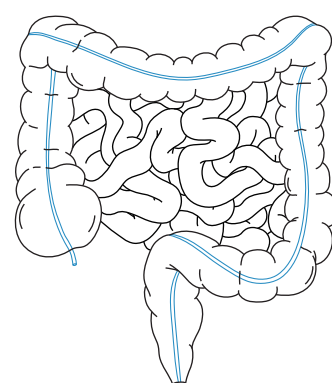
Clinical Evidence

Studies regarding product usage, safety, effectiveness, etc. are being conducted by hospitals worldwide. Clinical publishing and seminars are conducted regularly in relation to various academic societies.



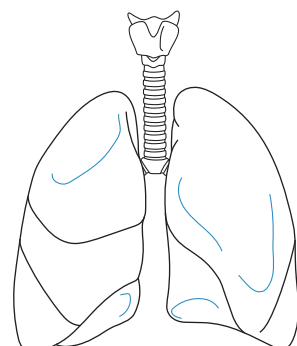
STOMACH SURGERY

Gastrectomy
Sleeve gastrectomy
Hiatal Repair
Ulcer perforation



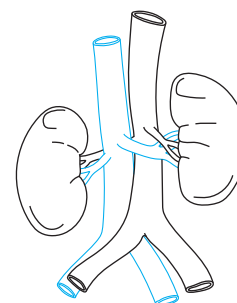
COLORECTAL SURGERY

LAR
Hemi colectomy
Colectomy
Inguinal hernia
Rectopexy
Apendectomy



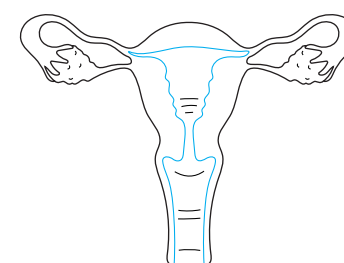
THORACIC SURGERY

Lobectomy
Segmentectomy
Thymectomy



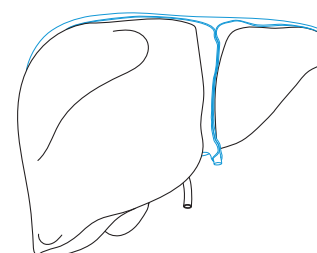
UROLOGICAL SURGERY

Prostatectomy
Nephrectomy
Partial nephrectomy
Cystectomy
Partial cystectomy
Urinary calculus
Pyeloplasty



GYNECOLOGICAL SURGERY

Hysterectomy
Myomectomy
Ovarian cystectomy
Sacral colpopexy
Oophorectomy



HEPATO-PANCREATO-BILIARY SURGERY

Cholecystectomy
Whipple procedure
Hepatectomy

ARTISENTIAL⁵

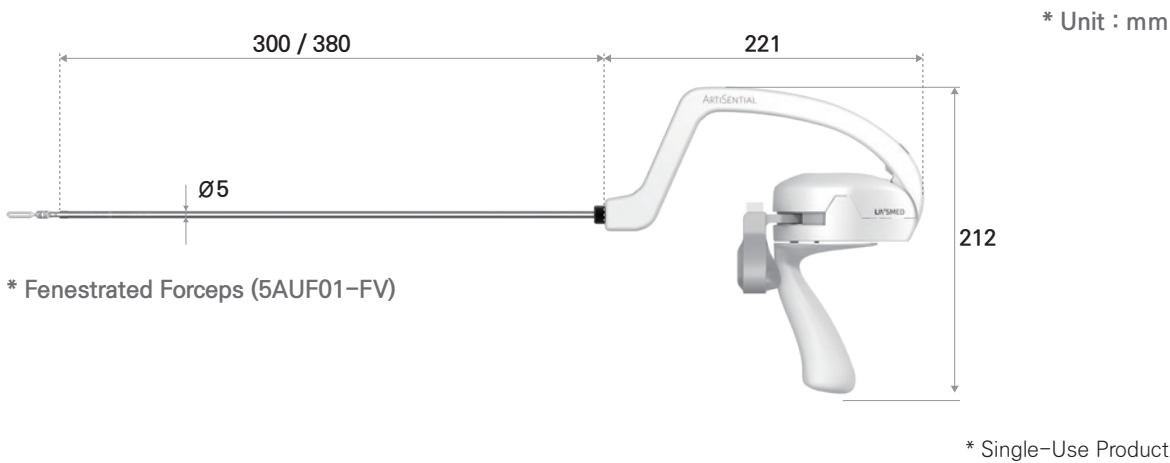
Articulating Laparoscopic Instrument

Fenestrated Forceps
 Clinch Forceps
 Maryland Dissector
 Precise Dissector
 Needle Holder
 Monopolar Hook
 Monopolar Spatula

The One & Only 5mm Articulating Instrument



ARTISENTIAL⁵
Articulating Laparoscopic Instrument



Sterile Single-use Laparoscopic Instruments

ITEM CODE	PRODUCT DESCRIPTION	SHAFT LENGTH	LOCK	JAW LENGTH	SHAFT DIAMETER	ELECTRODE	UNITS/BOX
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I ArtiSential Laparoscopic Instruments-Graspers

Fenestrated Forceps



5AUF01S-FV	Fenestrated Forceps-30cm-Adjustable	30cm	N/A	20mm	5mm	N/A	1EA/BOX
5AUF01S-LV	Fenestrated Forceps-30cm-Lock-Adjustable	30cm	O				
5AUF01-FV	Fenestrated Forceps-38cm-Adjustable	38cm	N/A				
5AUF01-LV	Fenestrated Forceps-38cm-Lock-Adjustable	38cm	O				

Maryland Dissector



5AUD01S-FV	Maryland Dissector-30cm-Adjustable	30cm	N/A	18mm	5mm	N/A	1EA/BOX
5AUD01S-LV	Maryland Dissector-30cm-Lock-Adjustable	30cm	O				
5AUD01-FV	Maryland Dissector-38cm-Adjustable	38cm	N/A				
5AUD01-LV	Maryland Dissector-38cm-Lock-Adjustable	38cm	O				

Precise Dissector



5AUD02S-FV	Precise Dissector-30cm-Adjustable	30cm	N/A	17mm	5mm	N/A	1EA/BOX
5AUD02S-LV	Precise Dissector-30cm-Lock-Adjustable	30cm	O				
5AUD02-FV	Precise Dissector-38cm-Adjustable	38cm	N/A				
5AUD02-LV	Precise Dissector-38cm-Lock-Adjustable	38cm	O				

Clinch Forceps



5ACF01S-FV	Clinch Forceps-30cm-Adjustable	30cm	N/A	22mm	5mm	N/A	1EA/BOX
5ACF01S-LV	Clinch Forceps-30cm-Lock-Adjustable	30cm	O				
5ACF01-FV	Clinch Forceps-38cm-Adjustable	38cm	N/A				
5ACF01-LV	Clinch Forceps-38cm-Lock-Adjustable	38cm	O				

I ArtiSential Needle Holder

Needle Holder

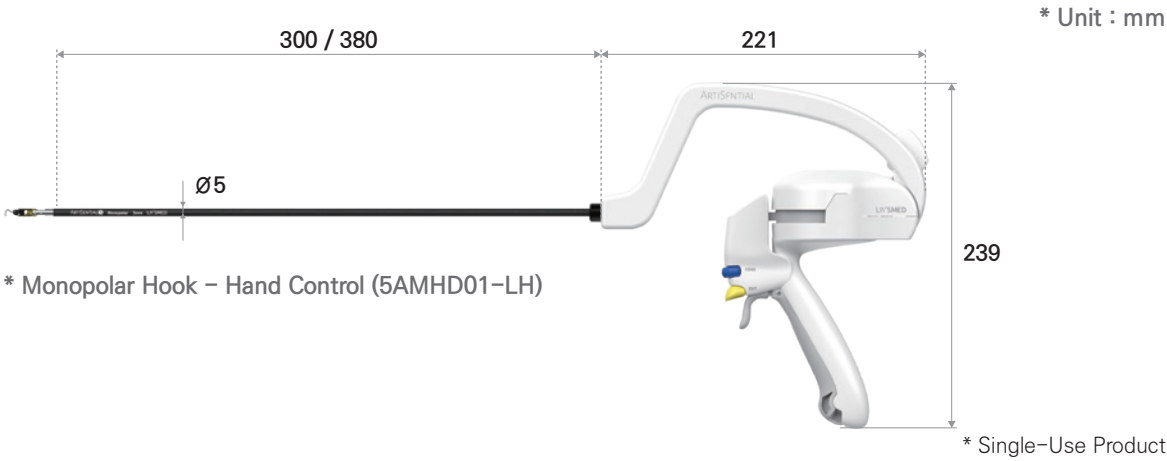


5ANH01S-FV	Needle Holder-30cm-Adjustable	30cm	N/A	10mm	5mm	N/A	1EA/BOX
5ANH01S-LV	Needle Holder-30cm-Lock-Adjustable	30cm	O				
5ANH01-FV	Needle Holder-38cm-Adjustable	38cm	N/A				
5ANH01-LV	Needle Holder-38cm-Lock-Adjustable	38cm	O				

ARTISENTIAL⁵TM
Articulating Laparoscopic Instrument

Monopolar Handle : Hand-controlled

The ArtiSential 5 Monopolar products are hand-controllable products for easy manipulation of Coagulation / Cut functions.



Sterile Single-use Laparoscopic Instruments

ITEM CODE	PRODUCT DESCRIPTION	SHAFT LENGTH	LOCK	JAW LENGTH	SHAFT DIAMETER	ELECTRODE	UNITS/BOX
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I ArtiSential Laparoscopic Instruments-Electrodes, Monopolar Series (Hand-controlled)

Monopolar Hook



5AMHU01S-FH	Monopolar Hook-Up-30cm-Hand Control	30cm	N/A				
5AMHU01S-LH	Monopolar Hook-Up-30cm-Lock-Hand Control	30cm	O				
5AMHU01-FH	Monopolar Hook-Up-38cm-Hand Control	38cm	N/A				
5AMHU01-LH	Monopolar Hook-Up-38cm-Lock-Hand Control	38cm	O				
5AMHD01S-FH	Monopolar Hook-Down-30cm-Hand Control	30cm	N/A				
5AMHD01S-LH	Monopolar Hook-Down-30cm-Lock-Hand Control	30cm	O				
5AMHD01-FH	Monopolar Hook-Down-38cm-Hand Control	38cm	N/A				
5AMHD01-LH	Monopolar Hook-Down-38cm-Lock-Hand Control	38cm	O	8mm	5mm	Monopolar	1EA/BOX
5AMHR01S-FH	Monopolar Hook-Right-30m-Hand Control	30cm	N/A				
5AMHR01S-LH	Monopolar Hook-Right-30cm-Lock-Hand Control	30cm	O				
5AMHR01-FH	Monopolar Hook-Right-38cm-Hand Control	38cm	N/A				
5AMHR01-LH	Monopolar Hook-Right-38cm-Lock-Hand Control	38cm	O				
5AMHL01S-FH	Monopolar Hook-Left-30cm-Hand Control	30cm	N/A				
5AMHL01S-LH	Monopolar Hook-Left-30cm-Lock-Hand Control	30cm	O				
5AMHL01-FH	Monopolar Hook-Left-38cm-Hand Control	38cm	N/A				
5AMHL01-LH	Monopolar Hook-Left-38cm-Lock-Hand Control	38cm	O				

Monopolar Spatula



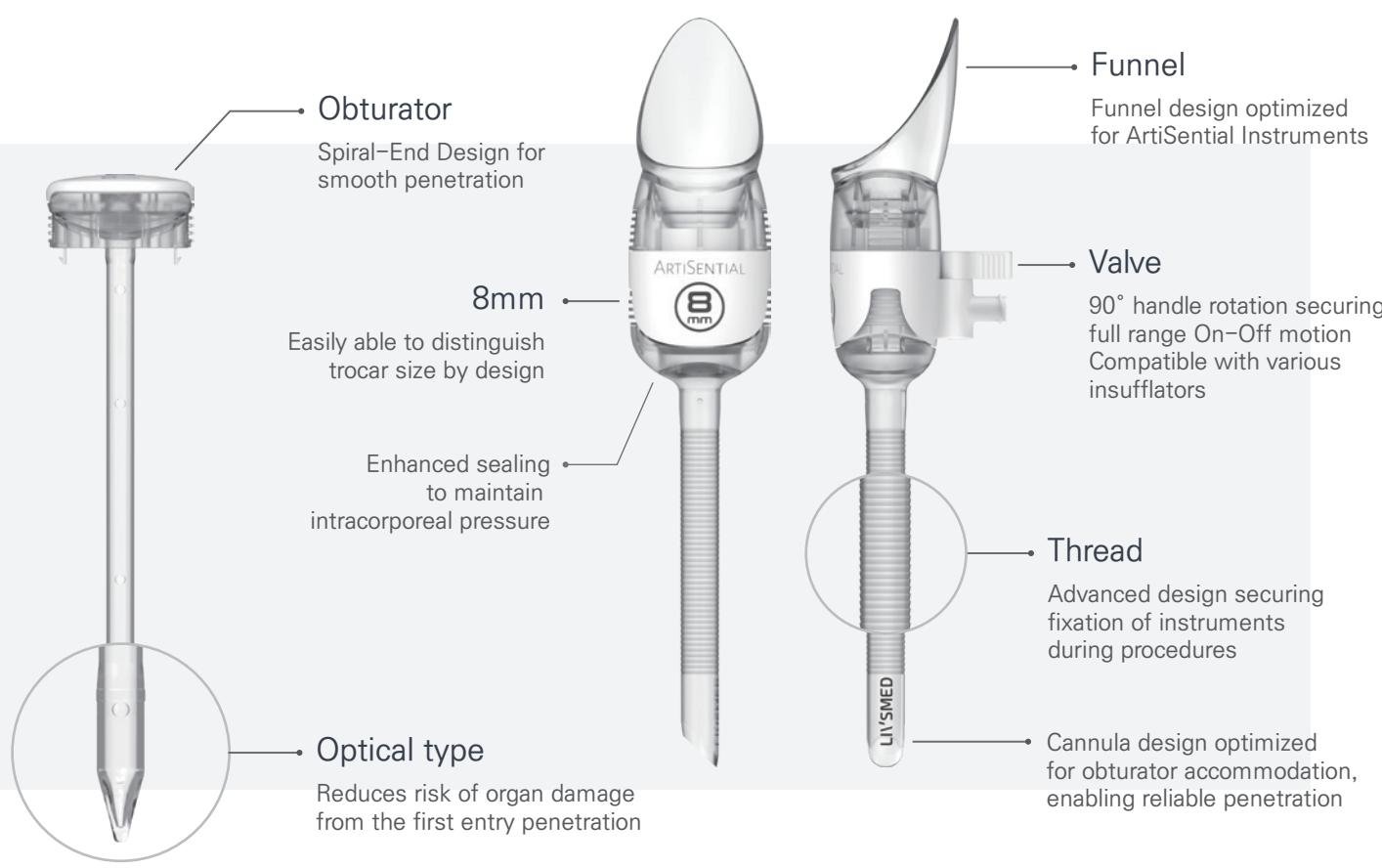
5AMT01S-FH	Monopolar Spatula- 30cm-Hand Control	30cm	N/A				
5AMT01S-LH	Monopolar Spatula- 30cm-Lock-Hand Control	30cm					
5AMT01-FH	Monopolar Spatula- 38cm-Hand Control	38cm	N/A	9mm	5mm	Monopolar	1EA/BOX
5AMT01-LH	Monopolar Spatula- 38cm-Lock-Hand Control	38cm					

ARTISENTIAL TROCARTM

Purchase with ArtiSential instruments to experience
the optimal articulation environment in Minimally Invasive Surgery



Feature



Specification

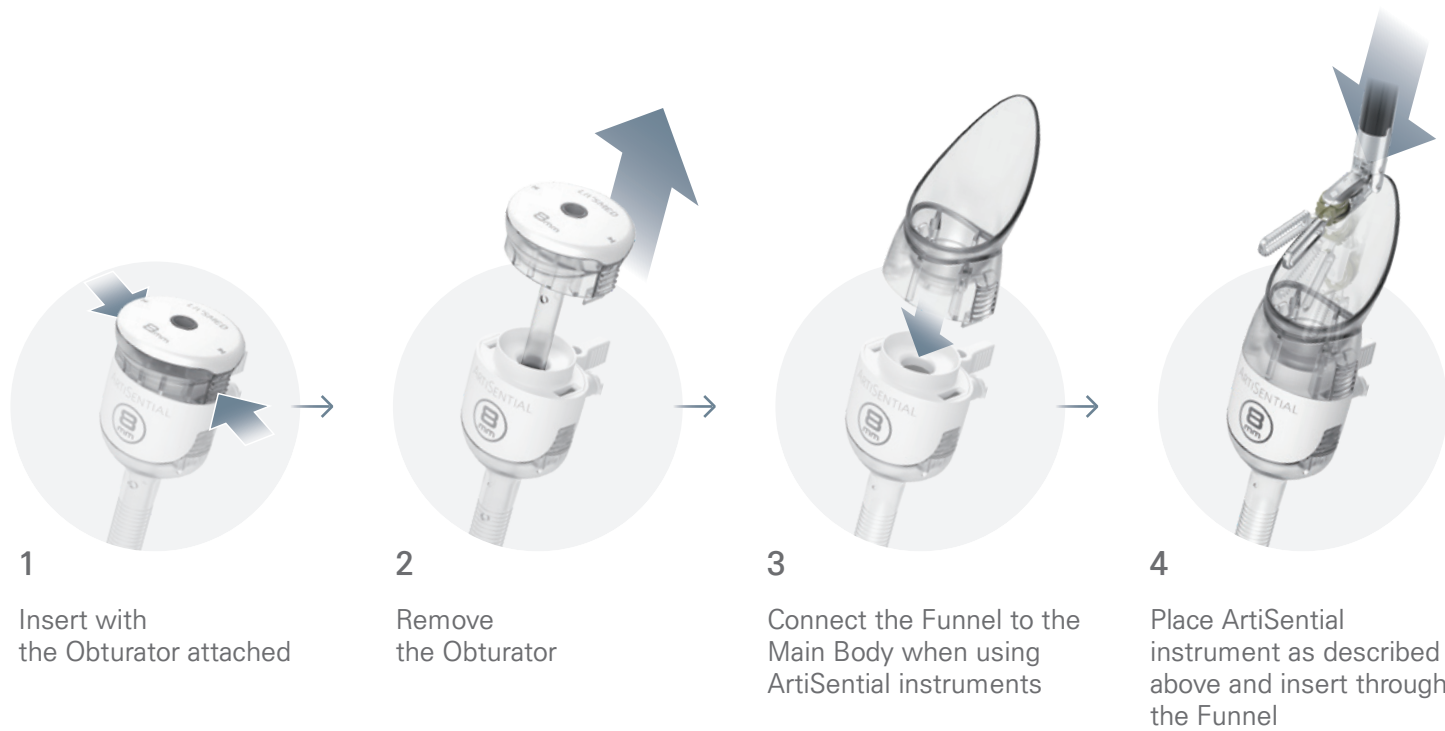


ArtiSential Trocar

PRODUCT NO.	AT0810
DIMENSION	8mm x 100mm (w x h)
QUANTITY	5ea/Box

Component
Cannula, Obturator, Funnel

How to use



Optimized Funnel for ArtiSential
Enables easy, single-handed insertion of ArtiSential instruments as depicted below

ARTISENTIAL TROCAR™

