

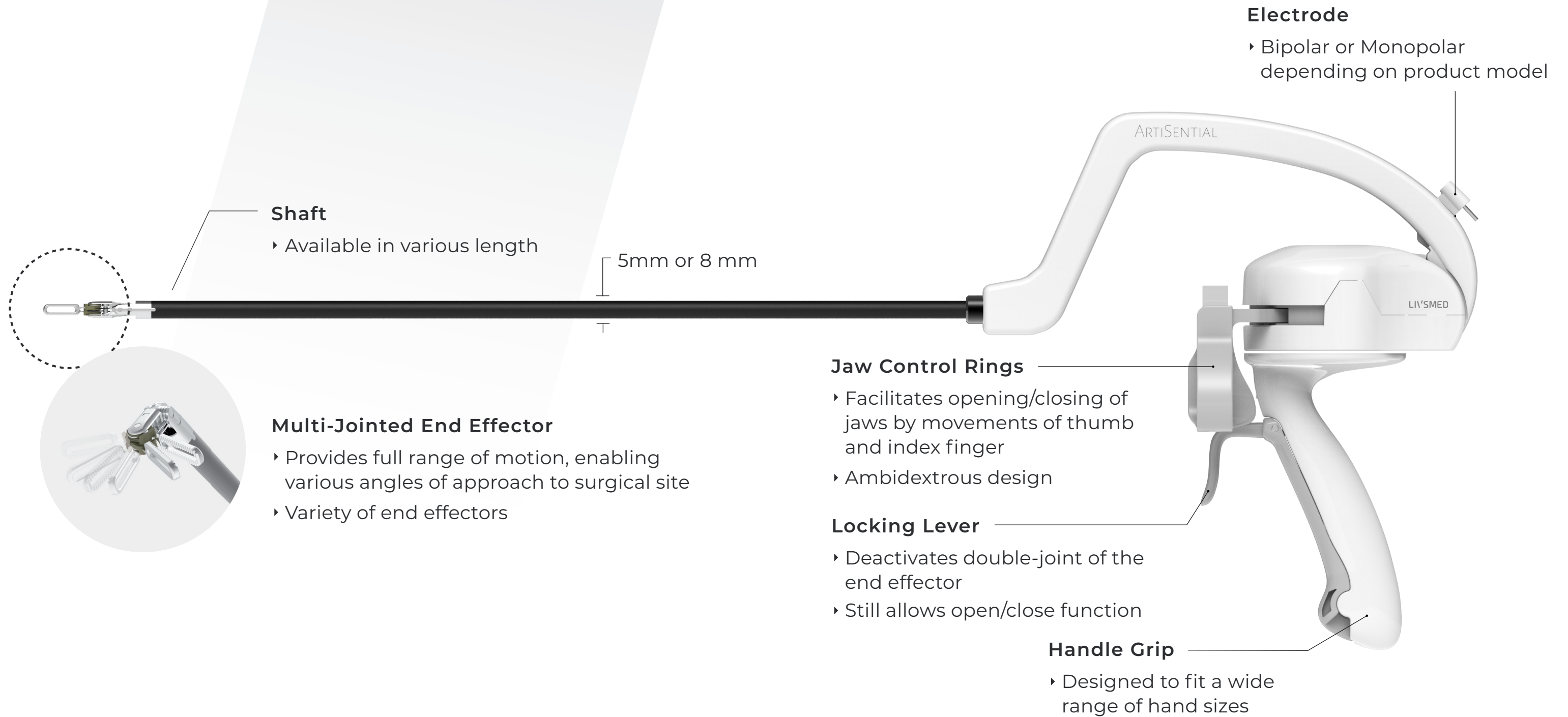
LIVSMED



ARTISENTIAL<sup>®</sup>  
Articulating Laparoscopic Instrument

# ArtiSential® Anatomy

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



## Shaft

- Available in various length

5mm or 8 mm

## Multi-Jointed End Effector

- Provides full range of motion, enabling various angles of approach to surgical site
- Variety of end effectors

## Jaw Control Rings

- Facilitates opening/closing of jaws by movements of thumb and index finger
- Ambidextrous design

## Locking Lever

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

## Handle Grip

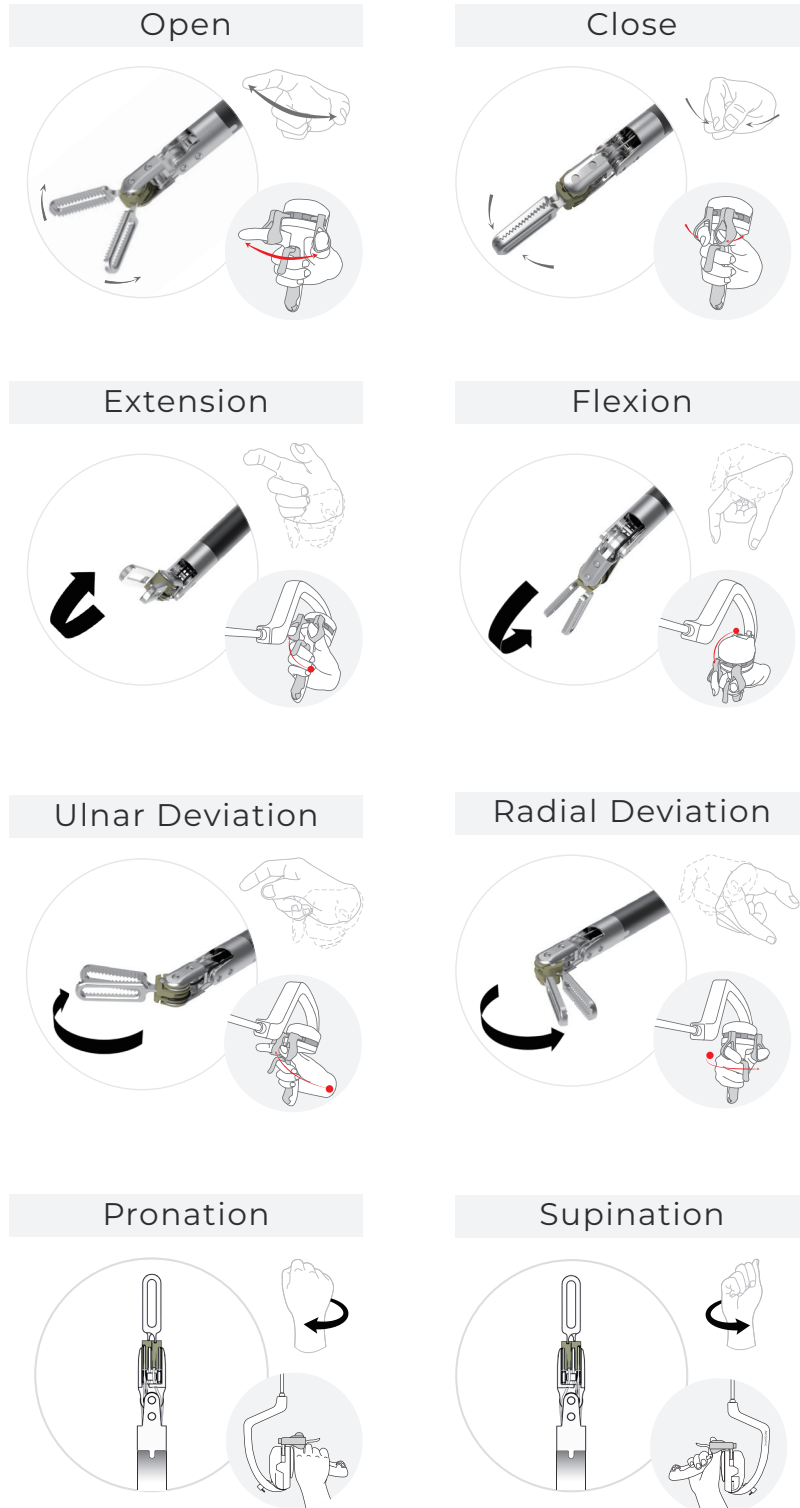
- Designed to fit a wide range of hand sizes

## Electrode

- Bipolar or Monopolar depending on product model

# 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 highly complex movements in a wide variety of surgical procedures.



\*based on movements of right-handed user

## ARTISENTIAL® Articulating Laparoscopic Instrument

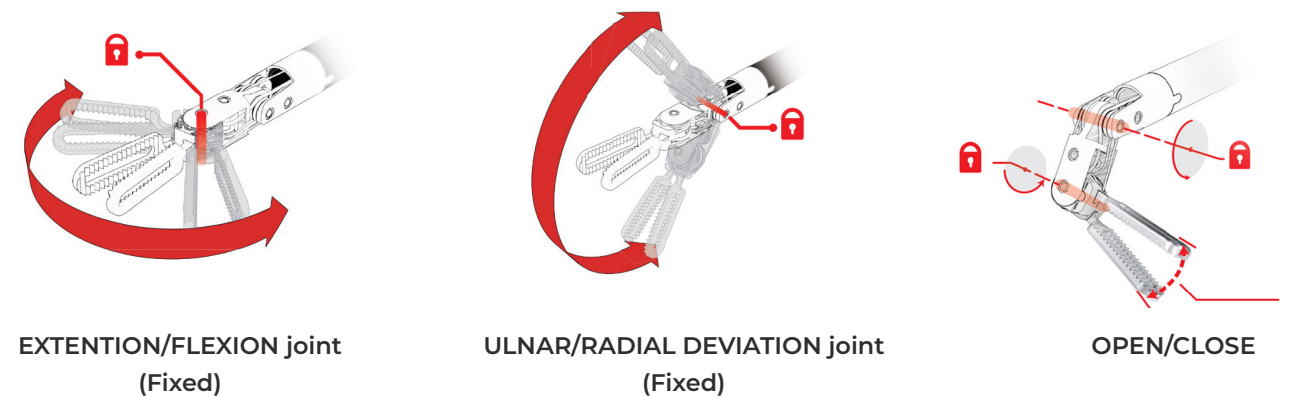


Activating the locking feature

Deactivating the locking feature

Push the **1**lever outward  
The **2**lever goes down and activates the lock

Pull the **1**lever inward until  
the **2**lever clicks and deactivats the lock



EXTENSION/FLEXION joint  
(Fixed)

ULNAR/RADIAL DEVIATION joint  
(Fixed)

OPEN/CLOSE

When the locking feature is activated EXTENSION/FLEXION, ULNAR DEVIATION/RADIAL DEVIATION articulating joint is fixed and cannot move, but OPEN/CLOSE action of end-effector is possible.

# ArtiSential® Advantages

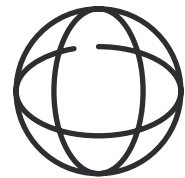
## “Articulation Without the Bells and Whistles”

Any O.R., anytime. We eliminate the need for scheduled block time for additional equipment. Our product line can be used in the existing surgical environment without any added device, capital investment, or footprint. ArtiSential leads to immediate capabilities.



### Articulation With Tactile Feedback

ArtiSential provides advantages of articulating instruments without losing tactile feedback, which is essential for applying precise force on delicate tissue



### Flexible Access

Our multi-jointed end effector allows various angles of approach with full range of motion. This enables greater access to a variety of anatomical structures



### Ergonomic Interface

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



### Growing Articulating Product Line

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



## ArtiSential Instruments

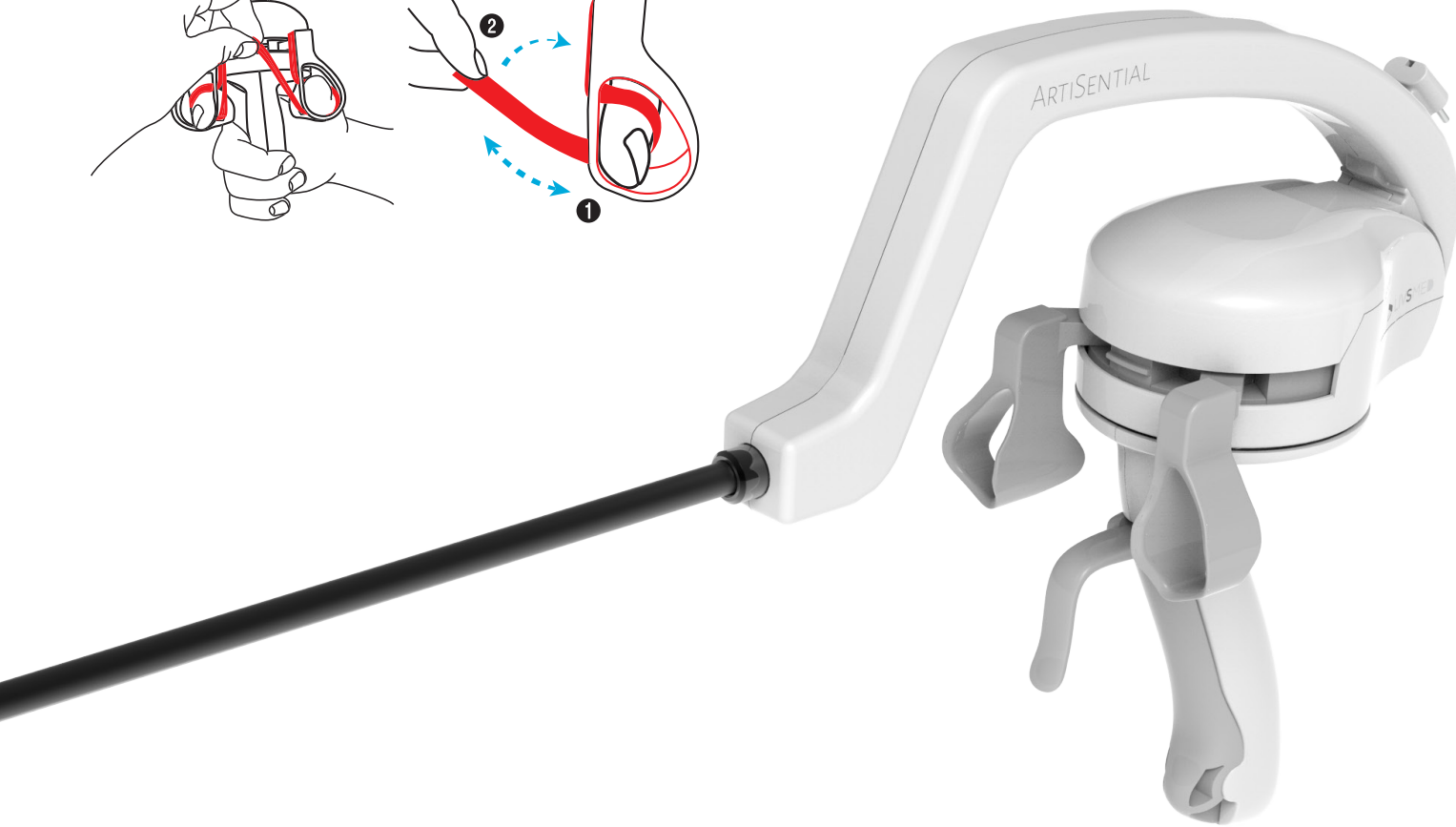
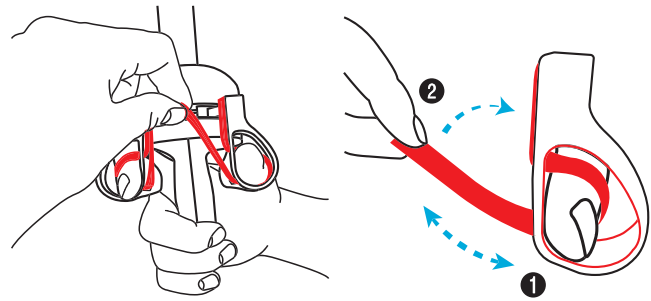
### The Next Evolution in MIS

ArtiSential provides the surgeon the same critical value of the robot with an incremental improvement in cost, access and surgical outcomes.



# ARTISENTIAL®

Articulating Laparoscopic Instrument



Adjust the velcro straps to fit your fingers.  
Fingers are fastened to the jaw control rings, allowing comfortable and easy control of the end effector.


Item Code	Product Description	Shaft Length - 8mm
<b>Fenestrated Forceps</b>		Jaw Length - 18mm
AUF01-L	Fenestrated Forceps 38cm - Lock	
AUF01-LV	Fenestrated Forceps 38cm - Lock / Adjustable	
AUF01S-L	Fenestrated Forceps 25cm - Lock	
AUF01S-LV	Fenestrated Forceps 25cm - Lock / Adjustable	


<b>Maryland Dissector</b>		Jaw Length - 20mm
AUD01-L	Maryland Dissector 38cm - Lock	
AUD01-LV	Maryland Dissector 38cm - Lock / Adjustable	
AUD01S-L	Maryland Dissector 25cm - Lock	
AUD01S-LV	Maryland Dissector 25cm - Lock / Adjustable	


<b>Clip Applier Medium Large</b>		Jaw Length - 19mm
ACA01-L	Clip Applier Medium Large 38cm - Lock	
ACA01-LV	Clip Applier Medium Large 38cm - Lock / Adjustable	
ACA01S-L	Clip Applier Medium Large 25cm - Lock	
ACA01S-LV	Clip Applier Medium Large 25cm - Lock / Adjustable	


<b>Needle Holder</b>		Jaw Length - 12mm
ANH01-L	Needle Holder 38cm - Lock	
ANH01-LV	Needle Holder 38cm - Lock / Adjustable	
ANH01S-L	Needle Holder 25cm - Lock	
ANH01S-LV	Needle Holder 25cm - Lock / Adjustable	


<b>Precise Needle Holder</b>		Jaw Length - 9mm
ANH02-L	Precise Needle Holder 38cm - Lock	
ANH02-LV	Precise Needle Holder 38cm - Lock / Adjustable	
ANH02S-L	Precise Needle Holder 25cm - Lock	
ANH02S-LV	Precise Needle Holder 25cm - Lock / Adjustable	


Item Code	Product Description	Shaft Length - 8mm
<b>Bipolar Fenestrated Forceps</b> <span style="float: right;">Jaw Length - 18mm</span>		
 ABF01-L	Bipolar Fenestrated Forceps 38cm - Lock	
ABF01-LV	Bipolar Fenestrated Forceps 38cm - Lock / Adjustable	
ABF01S-L	Bipolar Fenestrated Forceps 25cm - Lock	
ABF01S-LV	Bipolar Fenestrated Forceps 25cm - Lock / Adjustable	

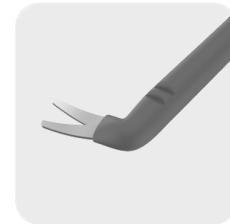
Item Code	Product Description	Shaft Length - 8mm
<b>Bipolar Maryland Dissector</b> <span style="float: right;">Jaw Length - 20mm</span>		
 ABD01-L	Bipolar Maryland Dissector 38cm - Lock	
ABD01-LV	Bipolar Maryland Dissector 38cm - Lock / Adjustable	
ABD01S-L	Bipolar Maryland Dissector 25cm - Lock	
ABD01S-LV	Bipolar Maryland Dissector 25cm - Lock / Adjustable	

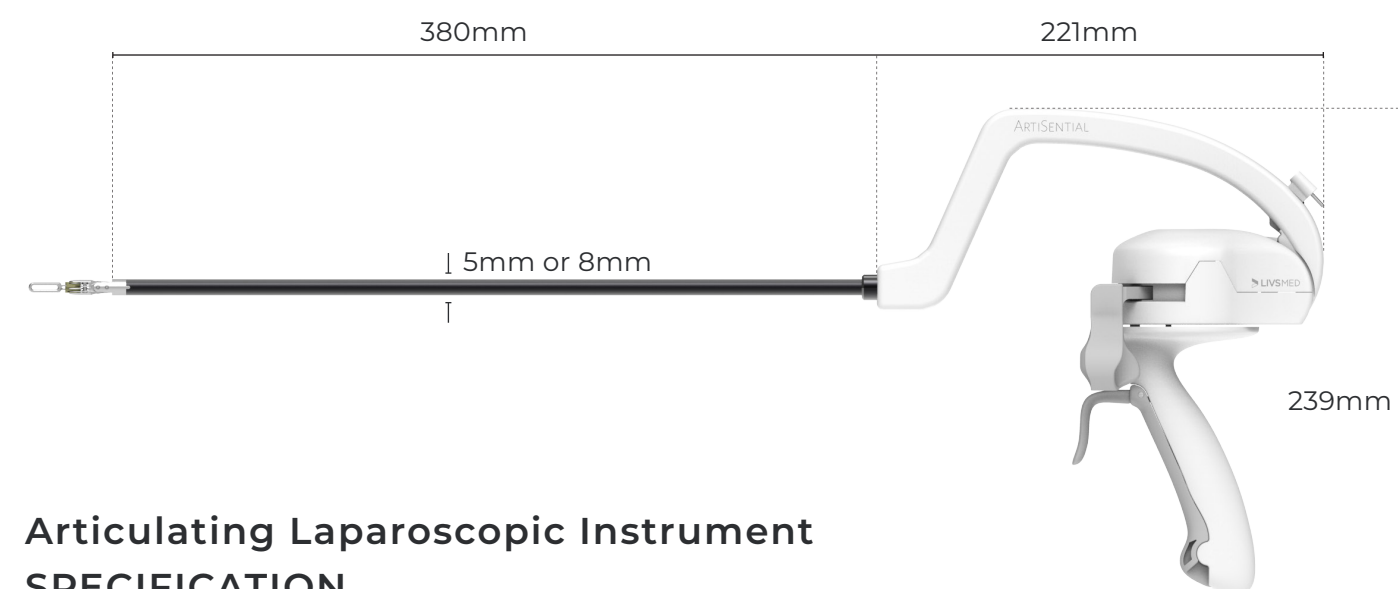
Item Code	Product Description	Shaft Length - 8mm
<b>Bipolar Precise Dissector</b> <span style="float: right;">Jaw Length - 17mm</span>		
 ABD02-L	Bipolar Precise Dissector 38cm - Lock	
ABD02-LV	Bipolar Precise Dissector 38cm - Lock / Adjustable	
ABD02S-L	Bipolar Precise Dissector 25cm - Lock	
ABD02S-LV	Bipolar Precise Dissector 25cm - Lock / Adjustable	

Item Code	Product Description	Shaft Length - 8mm
<b>Monopolar Precise Dissector</b> <span style="float: right;">Jaw Length - 14mm</span>		
 AMD01-LV	Monopolar Precise Dissector 38cm - Lock / Adjustable	
AMD01S-LV	Monopolar Precise Dissector 25cm - Lock / Adjustable	

Item Code	Product Description	Shaft Length - 8mm
<b>Monopolar Hook</b> <span style="float: right;">Jaw Length - 8mm</span>		
 AMHU01-L	Monopolar Hook Up 38cm - Lock	
AMHU01S-L	Monopolar Hook Up 25cm - Lock	
AMHD01-L	Monopolar Hook Down 38cm - Lock	
AMHD01S-L	Monopolar Hook Down 25cm - Lock	
AMHR01-L	Monopolar Hook Right 38cm - Lock	
AMHR01S-L	Monopolar Hook Right 25cm - Lock	
AMHL01-L	Monopolar Hook Left 38cm - Lock	
AMHL01S-L	Monopolar Hook Left 25cm - Lock	

Item Code	Product Description	Shaft Length - 8mm
<b>Monopolar Spatula</b> <span style="float: right;">Jaw Length - 5mm</span>		
 AMT01-L	Monopolar Spatula 38cm - Lock	
AMT01S-L	Monopolar Spatula 25cm - Lock	

Item Code	Product Description	Shaft Length - 8mm
<b>Monopolar Scissors</b> <span style="float: right;">Jaw Length - 11mm</span>		
 AMSU01-FV	Monopolar Scissors Up 38cm - Adjustable	
AMSU01-LV	Monopolar Scissors Up 38cm - Lock / Adjustable	
AMSU01S-FV	Monopolar Scissors Up 25cm - Adjustable	
AMSU01S-LV	Monopolar Scissors Up 25cm - Lock / Adjustable	
AMSD01-FV	Monopolar Scissors Down 38cm - Adjustable	
AMSD01-LV	Monopolar Scissors Down 38cm - Lock / Adjustable	
AMSD01S-FV	Monopolar Scissors Down 25cm - Adjustable	
AMSD01S-LV	Monopolar Scissors Down 25cm - Lock / Adjustable	








### Articulating Laparoscopic Instrument SPECIFICATION

# ARTISENTIAL 5

Articulating Laparoscopic Instrument



Adjust the velcro straps to fit your fingers.  
Fingers are fastened to the jaw control rings, allowing comfortable and easy control of the end effector.

Item Code	Product Description	Shaft Length - 5mm
<b>Fenestrated Forceps</b>		Jaw Length - 20mm
	5AUF01-LV Fenestrated Forceps 38cm - Lock / Adjustable	
	5AUF01S-LV Fenestrated Forceps 30cm - Lock / Adjustable	
<b>Clinch Forceps</b>		Jaw Length - 22mm
	5ACF01-LV Clinch Forceps 38cm - Lock / Adjustable	
	5ACF01S-LV Clinch Forceps 30cm - Lock / Adjustable	
<b>Maryland Dissector</b>		Jaw Length - 18mm
	5AUD01-LV Maryland Dissector 38cm - Lock / Adjustable	
	5AUD01S-LV Maryland Dissector 30cm - Lock / Adjustable	
<b>Precise Dissector</b>		Jaw Length - 17mm
	5AUD02-LV Precise Dissector 38cm - Lock / Adjustable	
	5AUD02S-LV Precise Dissector 30cm - Lock / Adjustable	
<b>Needle Holder</b>		Jaw Length - 10mm
	5ANH01-LV Needle Holder 38cm - Lock / Adjustable	
	5ANH01S-LV Needle Holder 30cm - Lock / Adjustable	



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