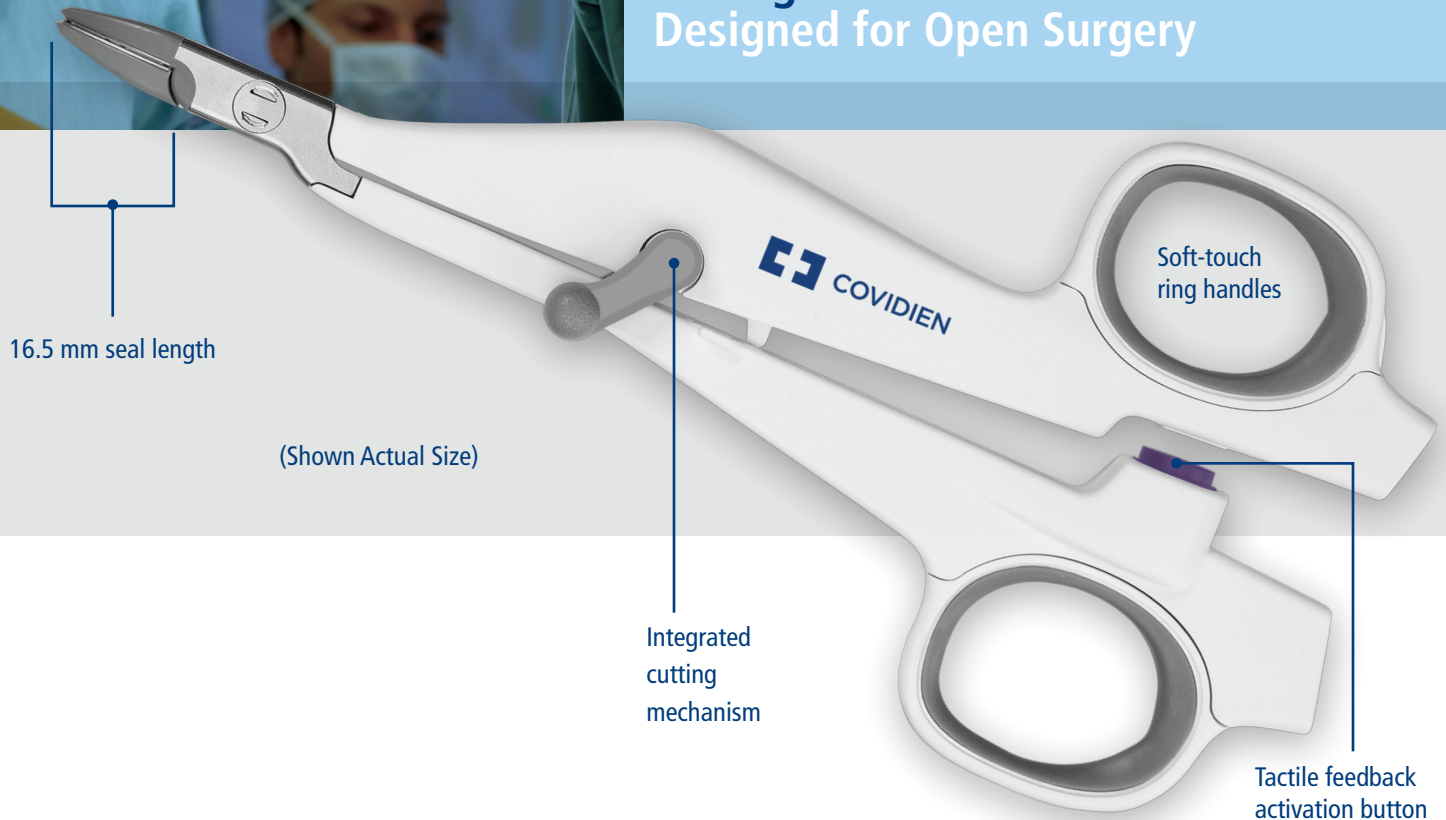




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The LigaSure™ Small Jaw Instrument Designed for Open Surgery



The LigaSure™ small jaw instrument, working exclusively with the ForceTriad™ energy platform, combines TissueFect™ sensing technology with hand or foot activation and an integrated cutting mechanism to create a multifunctional tissue sealing system that provides consistent, controlled tissue effect.

- Seals and cuts vessels up to and including 7 mm in diameter
- Multifunctional — capable of sealing, cutting, blunt dissection, grasping and dividing tissue
- May reduce the exchange of instruments



The LigaSure™ small jaw instrument is energized by the ForceTriad™ energy platform (software version 3.4 or greater).

The LigaSure™ Small Jaw Instrument Seals Effectively at Cooler Temperature Compared to Harmonic FOCUS™*2

Temperature Comparison ^{1,2} LigaSure™ Small Jaw and Harmonic FOCUS™*

Mean Maximum External Jaw

Temperature Ranges During Operation ^{3,4}

	LigaSure Small Jaw	Harmonic FOCUS
Single Activation for Sealing Isolated Vessels (Coagulation Power Setting)	60 °C – 95 °C (1.0 – 7.0 mm Diameter)	178 °C – >250 °C (1.0 – 5.0 mm Diameter)
Single Activation for Mesentery Dissection (Coagulation Power Setting)	55 °C – 61 °C	194 °C – >250 °C
Minimum Time to Achieve Device Cool Down (Temperature < 60 °C) after Single Activation on Isolated Vessels (Coagulation Power Setting)	0 – 5.4 seconds	10.2 – 60 seconds
Multiple Activations (10) for Mesentery Dissection (Mesentery Dissection Setting – ForceTriad™ / Dissection Mode Harmonic Generator 300)	78 °C – 82 °C	> 250 °C
Minimum Time to Achieve Device Cool Down (Temperature < 60 °C) after Multiple Activations (10) on Mesentery (Mesentery Dissection Setting – ForceTriad™ / Dissection Mode Harmonic Generator 300)	17 – 33 seconds	53 – 83 seconds

The LigaSure™ Small Jaw Instrument (LF1212A) Specifications

Instrument Length:	18.8 cm
Seal Length:	16.5 mm
Cut Length:	14.7 mm
Jaw Angle:	28 degrees
Seal Width:	1 mm seal at tip – 4 mm seal at base
Jaw Texture:	Textured with ceramic dots

Order Information

LF1212A	LigaSure™ small jaw instrument 6 each
ForceTriad	ForceTriad™ energy platform 1 each

1. Smith CT, Zarebczan B, Alhefdhi A, Chen H. Infrared Thermographic Profiles of Vessel Sealing Devices on Thyroid Parenchyma. J Surg Res. 2011 Mar 29.
2. Internal data on file
3. Range defined by (Minimum Reported Average Temperature – Standard Deviation) up to (Maximum Reported Average Temperature + Standard Deviation)
4. Standard Deviation Ranges FOCUS ±12°C up to ±37°C, Small Jaw ±1°C up to ±18°C
5. All testing was performed on Porcine Tissue either in-vivo or freshly excised.

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