

# Caiman<sup>®</sup> Vessel Sealers

Advanced RF Seal and Cut Technology



Aesculap Laparoscopy

AESCULAP<sup>®</sup>

# Caiman<sup>®</sup> Vessel Sealers

## Advanced RF Seal and Cut Technology

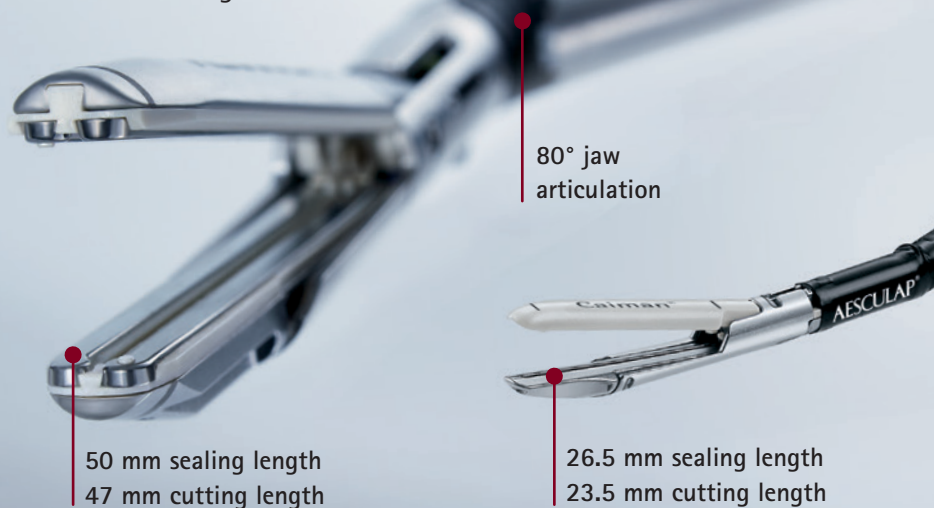
**INDICATIONS FOR USE:** The Caiman<sup>®</sup> is indicated for laparoscopic and open procedures. The indications for use include general surgical procedures, (including urologic, vascular, thoracic, and thoracoscopic), and gynecological procedures where ligation and division of vessels is performed. These procedures include: vaginal hysterectomies, Nissen fundoplication, colectomy, adhesiolysis, bowel resection, and oophorectomy etc., or any procedure where vessel ligation (seal and cut), tissue grasping, and dissection is performed. The devices can be used on vessels up to and including 7mm and bundles as large as will fit in the jaws of the instrument.

Caiman Seal and Cut Technology has not been shown to be effective for tubal sterilization or tubal coagulation for sterilization procedures. Do not use the system for these procedures.

### Reliable Vessel Sealing Through Innovative Design

Caiman Vessel Sealers bring efficacy, ease of use, and innovation together to deliver clean and consistent seals for laparoscopic and open procedures.

Caiman is available in articulating and non-articulating formats.



**Caiman Instruments** feature an average thermal spread of less than 1 mm with virtually no adhesion or charring.<sup>1</sup>

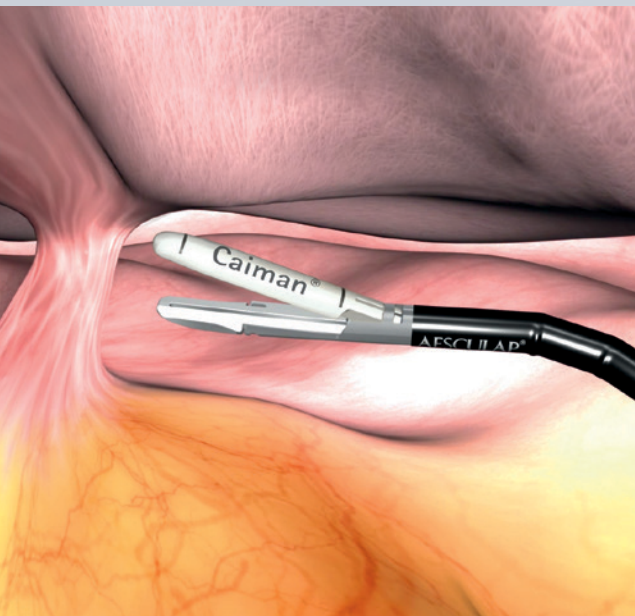
### ■ Improved Maneuverability

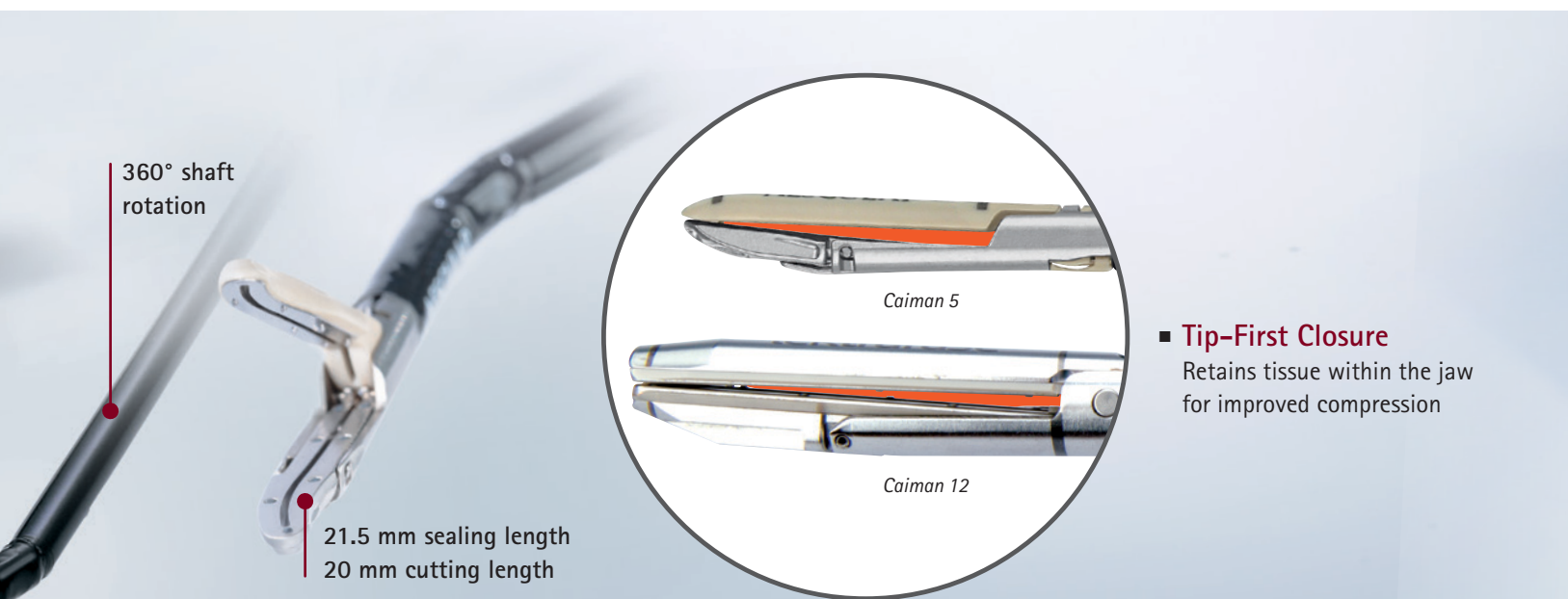
Articulating design supports perpendicular vessel sealing, which may result in up to 51% greater sealing strength compared to seals created at an angle.<sup>2</sup>



<sup>1</sup> Data on file at Aesculap.

<sup>2</sup> A. C. Voegelé, PE, D. L. Korvick, VMD, M. Gutierrez, MSHS, J. W. Clymer, PhD, J. F. Amaral, MD; Perpendicular Blood Vessel Seals Are Stronger Than Those Made at an Angle; *Journal of Laparoendoscopic & Advanced Surgical Techniques*; Vol. 23, No. 0, 2013.





■ **Uniform Tissue Compression**

Delivers a clean and consistent seal quality, independent of where the vessel is positioned in the jaws.<sup>1</sup>

■ **Longest Jaws**

Increases procedural efficiency by sealing and cutting a minimum of 24% more tissue per activation.<sup>1</sup>

*\*Compared to competitive vessel sealers on the market.*

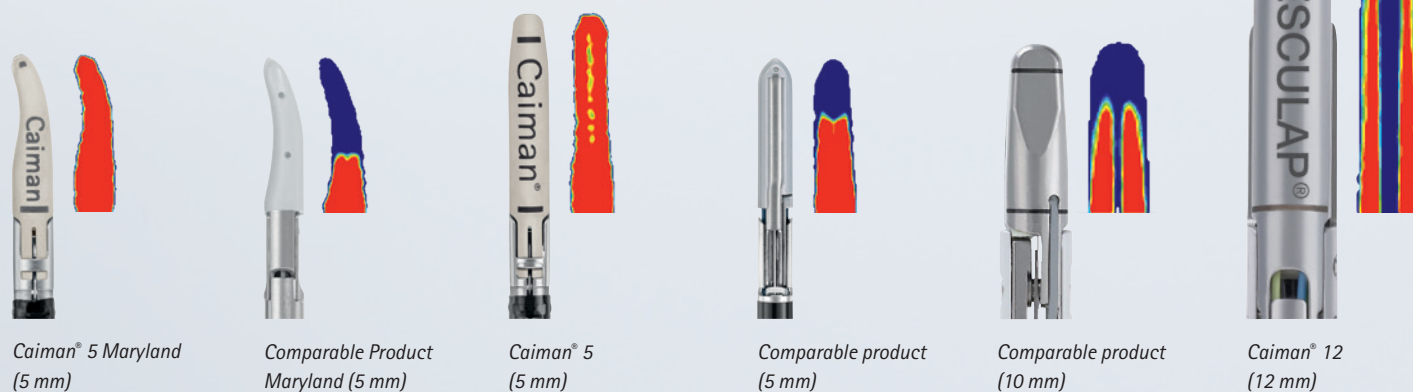
■ **80 Degree Articulation**

Provides agility for improved access to challenging anatomy.

■ **Tissue Dissection**

Fine curved Maryland jaw design allows increased dissection performance and enhanced tip visualization.

- **Strong Uniform Compression** is key to creating a confident seal. Compression force in other devices may decline from proximal to distal end, influencing the sealing quality.



Red represents minimum required pressure (or greater). Blue represents insufficient pressure. Minimum required pressures based on Aesculap calculated requirements. Graphs of minimum required pressure produced on a synthetic tissue model.

Products shown actual size








The Caiman Portfolio has options for a broad range of open and laparoscopic specialties

### Longest 5 mm Jaws on the Market

	Caiman® 5
	Caiman® Maryland
	LigaSure® Maryland
	LigaSure® 5 mm Blunt Tip
	LigaSure® 5 mm Blunt Tip
	Harmonic ACE®
	EnSeal® G2 5 mm
	Thunderbeat®
	LigaSure® Advance







### Longest 10/12 mm Jaws on the Market

	Caiman® 12
	LigaSure® Impact
	LigaSure® Atlas
	EnSeal® G2 Superjaw

All images are 1/1 ratio

# Caiman® Vessel Sealers

## Ordering Information

	Item No.	Shaft diameter	Working length	Pieces per box
	CAIMAN 5, NON ARTICULATING			
	PL738SU	5 mm	24 cm	6
	PL740SU	5 mm	36 cm	6
	PL742SU	5 mm	44 cm	6
	CAIMAN 5, NON ARTICULATING MARYLAND			
	PL774SU	5 mm	12.5 cm	6
	PL775SU	5 mm	17 cm	6
	PL770SU	5 mm	36 cm	6
	PL772SU	5 mm	44 cm	6
	CAIMAN 5, ARTICULATING			
	PL739SU	5 mm	24 cm	6
	PL741SU	5 mm	36 cm	6
	PL743SU	5 mm	44 cm	6
	CAIMAN 5, ARTICULATING MARYLAND			
	PL771SU	5 mm	36 cm	6
	PL773SU	5 mm	44 cm	6
	CAIMAN 12, ARTICULATING			
	PL730SU	12 mm	24 cm	3
	PL731SU	12 mm	44 cm	3
	LEKTRAFUSE® RF GENERATOR*			
	GN200			
				<i>*Please contact your local Aesculap sales representative prior to ordering.</i>
	GENERATOR CART			
	GN330		W x H x D: 20.5" x 31.5" x 22.5"	
	WIRE BASKET			
	PV951R		W x H x D: 14.5" x 8.7" x 11"	

All rights reserved. Technical alterations are possible. This leaflet may be used for no other purposes than offering, buying and selling of our products. No part may be copied or reproduced in any form. In the case of misuse we retain the rights to recall our catalogs and price lists and to take legal actions.

©2019 AESCULAP. ALL RIGHTS RESERVED. PRINTED IN THE USA.  
Aesculap is an equal opportunity employer

Aesculap, Inc. | 3773 Corporate Parkway | Center Valley, PA | 18034  
Phone 800-282-9000 | Fax 610-791-6886 | [www.aesculapusa.com](http://www.aesculapusa.com)

Aesculap, Inc. – a B. Braun company

DOC1098 Rev D 2M 3/19