

AESCULAP® Caiman®

ADVANCED BIPOLAR SEAL
AND CUT TECHNOLOGY

MINIMALLY INVASIVE SURGERY

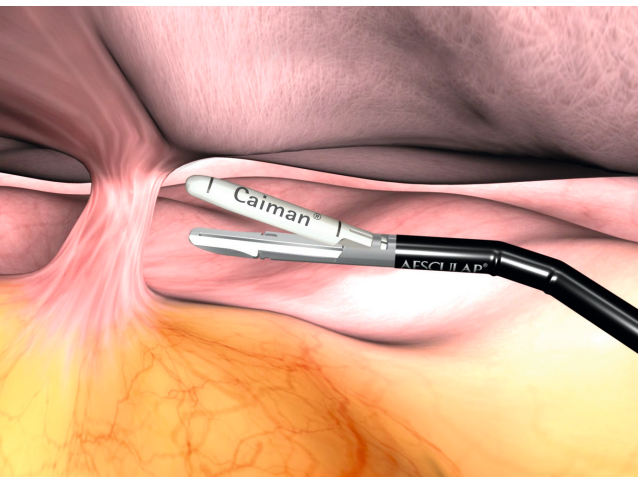


AESCLAP® Caiman®

Advanced Bipolar Seal and Cut Technology

Caiman® is intended to be used as a multipurpose vessel sealing instrument in laparoscopic and open surgery within the surgical fields of general surgery, gynaecology, urology and thoracic surgery.¹

- **ONE SEAL CONFIDENCE**
State of the art vessel sealing with only one energy activation²
- **UNIFORM TISSUE COMPRESSION**
Leads to consistent sealing quality from distal to proximal tip²
- **TIP FIRST CLOSURE**
Retains tissues within the jaws for improved compression²
- **TISSUE DISSECTION**
Fine curved Maryland jaw design allows increased dissection performance and enhanced tip visualization³
- **LONG JAW TIP**
Enlarged vessel sealing length and improved surgical efficiency²
- **80 DEGREE ARTICULATION JAW**
Allows simplified navigation in challenging anatomy⁴

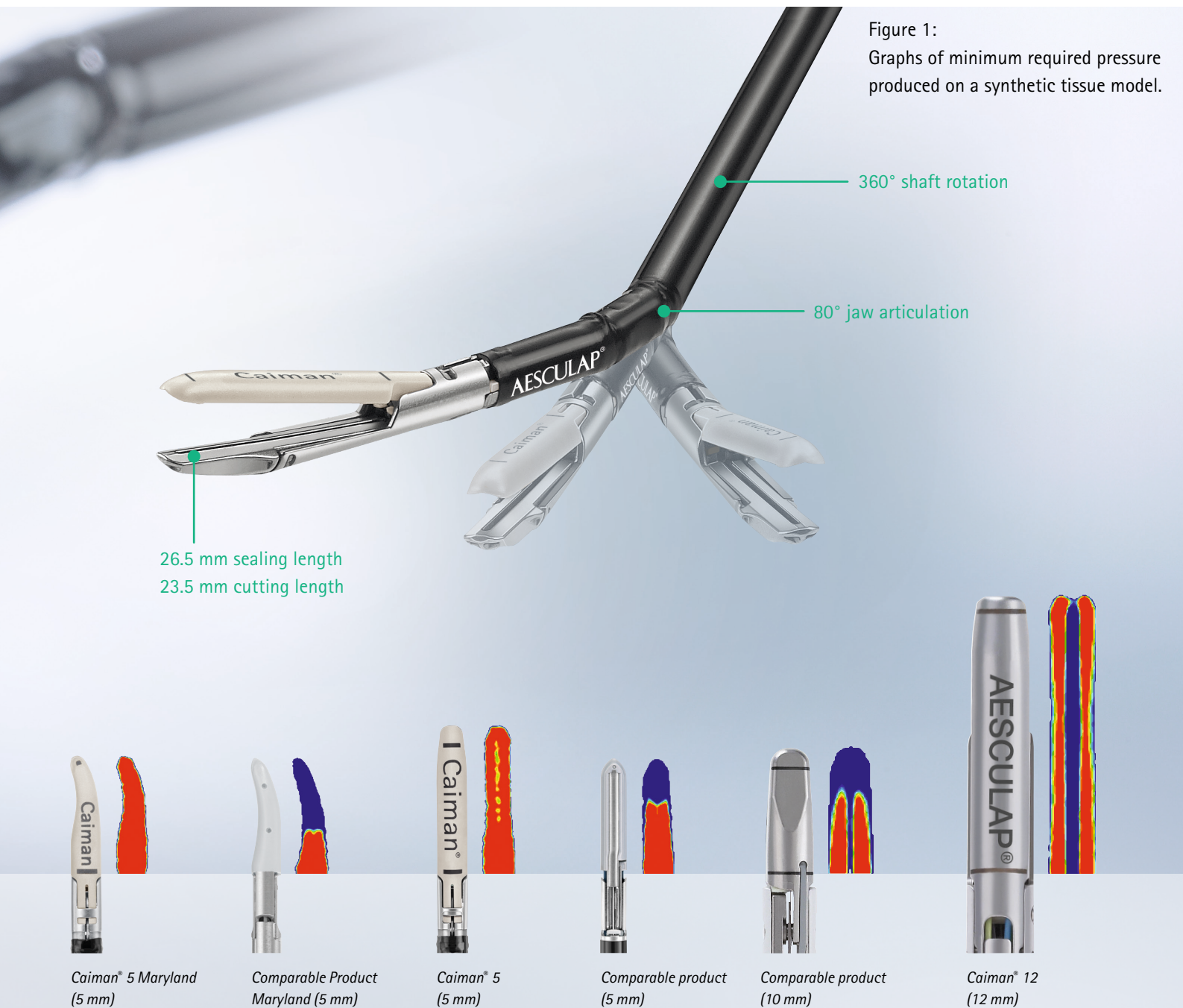


Caiman® INSTRUMENTS

seal vessels up to 7 mm in diameter and feature an average thermal spread of less than 1 mm. Effectively seals with virtually no adhesion or charring.²

80° ARTICULATING JAW

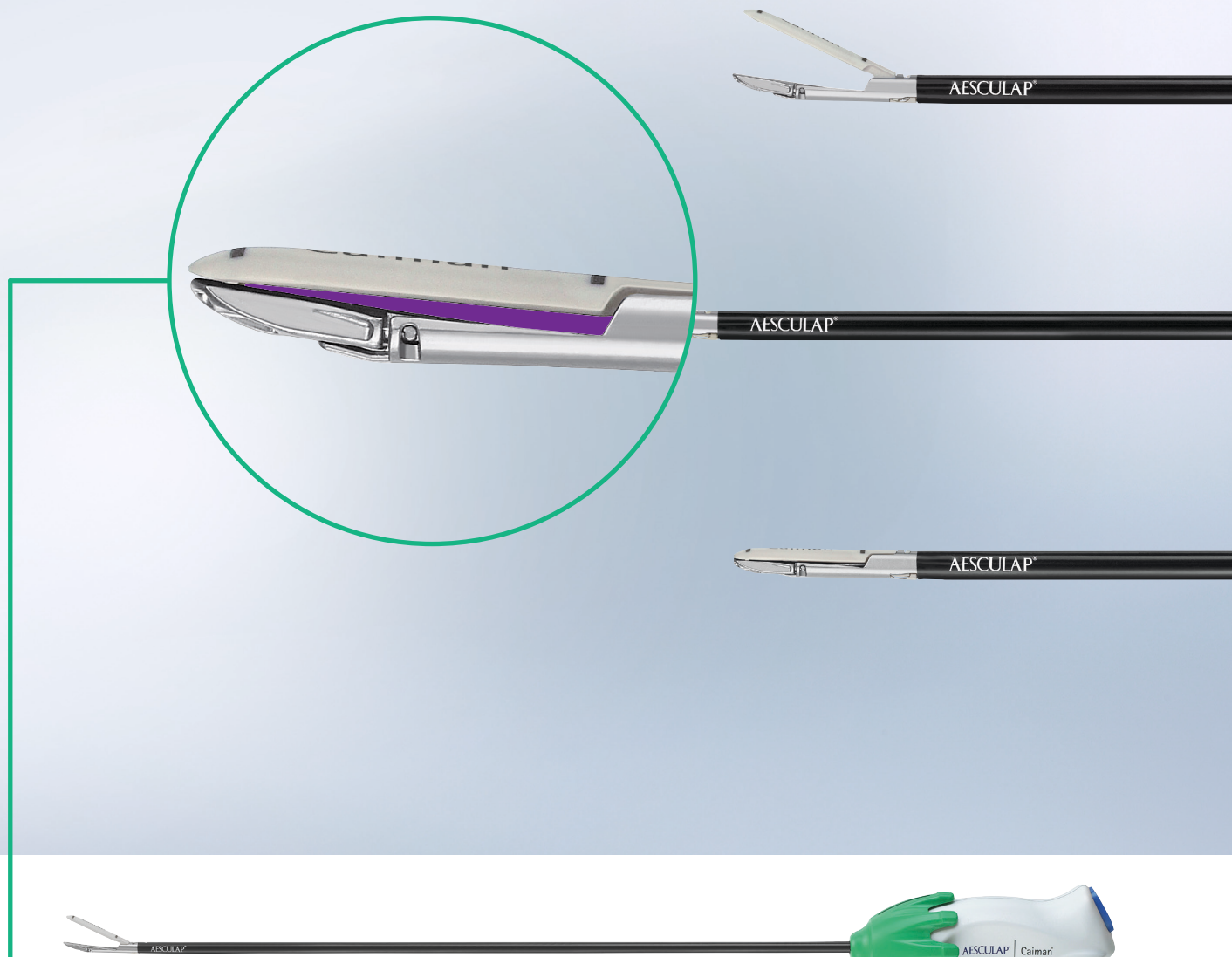
The Caiman® line are the first HF tissue and vessel sealing instruments with an articulating jaw – providing a more flexible, agile device for surgical procedures.⁵



STRONG UNIFORM COMPRESSION

within the jaw is key to creating a confident seal. See Figure 1 graphs of minimum pressure produced on synthetic tissue model.

Red represents minimum required pressure (or greater). Blue represents insufficient pressure.² Minimum required pressures based on Aesculap calculated requirements.

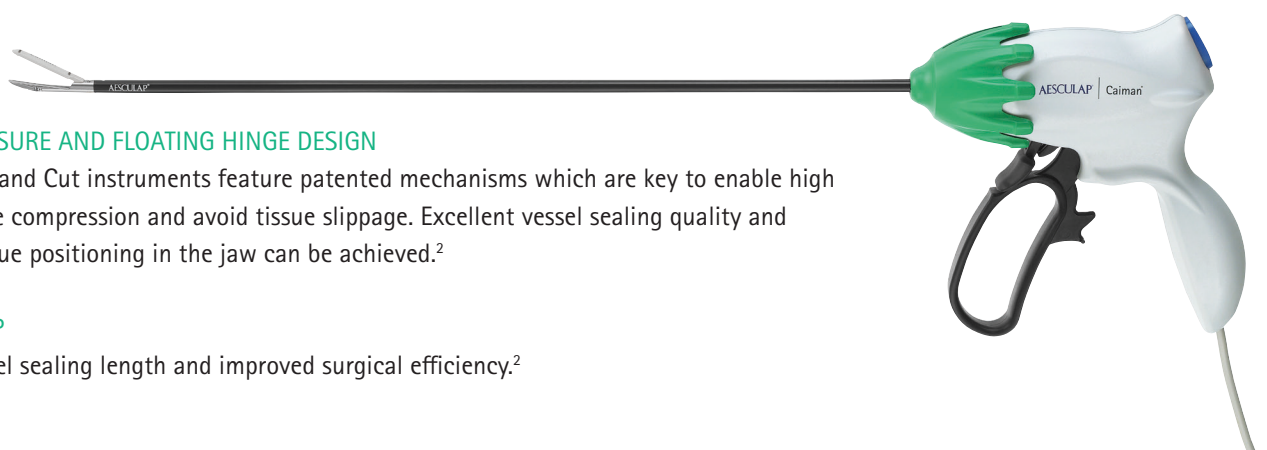


TIP FIRST CLOSURE AND FLOATING HINGE DESIGN

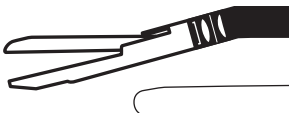
Caiman® Seal and Cut instruments feature patented mechanisms which are key to enable high uniform tissue compression and avoid tissue slippage. Excellent vessel sealing quality and simplified tissue positioning in the jaw can be achieved.²

LONG JAW TIP

Enlarged vessel sealing length and improved surgical efficiency.²



Ordering Information

		Shaft diameter	Working length	Pcs. per pack
	Caiman® 5, NON ARTICULATING JAW			
	PL738SU	5 mm	24 cm	6
	PL740SU	5 mm	36 cm	6
	PL742SU	5 mm	44 cm	6
	Caiman® 5, NON ARTICULATING MARYLAND JAW			
	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 JAW			
	PL739SU	5 mm	24 cm	6
	PL741SU	5 mm	36 cm	6
	PL743SU	5 mm	44 cm	6
	Caiman® 5, ARTICULATING MARYLAND JAW			
	PL771SU	5 mm	36 cm	6
	PL773SU	5 mm	44 cm	6
	Caiman® 12, ARTICULATING JAW			
	PL730SU	12 mm	24 cm	3
	PL731SU	12 mm	44 cm	3



LEKTRAFUSE RF-GENERATOR (WITHOUT MAIN CABLE)

GN200

LEKTRAFUSE RF-GENERATOR ACCESSORIES



GN330 Unit cart with sliding handle for electrosurgical units
W x H x D: 520 x 900 x 570 mm

PV951R Wire basket
W x H x D: 370 x 225 x 285 mm



GN201 Single pedal foot switch for GN200

REFERENCES:

1. <https://www.bbraun.com/en/products-and-therapies/laparoscopic-surgery/caiman-advanced-bipolar-technology/publications.html>
2. Refer to IFU
3. The Maryland jaw design was rated by 30 surgeons with very good (43.3 %) and good (53.3 %).
Fine dissection was rated by 28 surgeons with very good (53.6 %) and good (46.4 %).
The tip visibility was rated by 23 surgeons with very good (56.5 %) and good (43.5 %) in a laparoscopic setting.
4. Aaron C. Voegelé, Donna L. Korvick, Mario Gutierrez et al. Perpendicular blood vessel seals are stronger than those made at an angle. Journal of Laparoendoscopic & Advanced Surgical Techniques. Aug 2013.669-672.
<http://doi.org/10.1089/lap.2013.0028>
5. Business Wire, 2011, Aesculap, Inc. Acquires Aragon Surgical, Inc., accessed 6 May 2024, <<https://www.businesswire.com/news/home/20110926005941/en/Aesculap-Inc.-Acquires-Aragon-Surgical-Inc>>

AESCULAP® – a B. Braun brand



Manufacturer of Product Caiman:

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