B BRAUN
SHARING EXPERTISE

AESCULAP® Caiman®

ADVANCED BIPOLAR SEAL AND CUT TECHNOLOGY

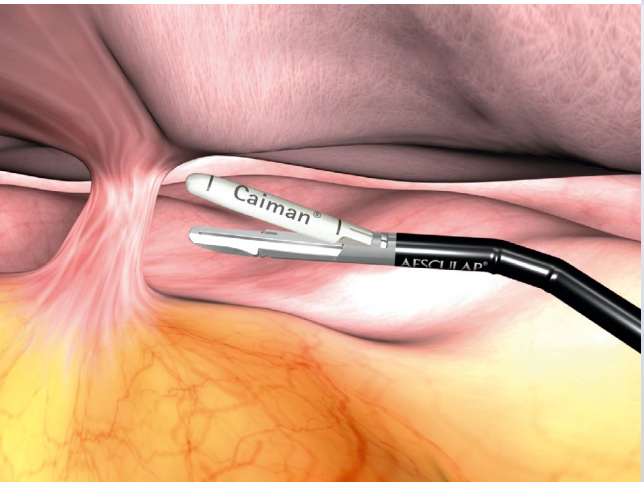
MINIMALLY INVASIVE SURGERY

AESCULAP® 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 activation[2]
- **UNIFORM TISSUE COMPRESSION**
  Leads to consistent sealing quality from distal to proximal tip[2]
- **TIP FIRST CLOSURE**
  Retains tissues within the jaws for improved compression[2]
- **TISSUE DISSECTION**
  Fine curved Maryland jaw design allows increased dissection performance and enhanced tip visualization[3]
- **LONG JAW TIP**
  Enlarged vessel sealing length and improved surgical efficiency[2]
- **80 DEGREE ARTICULATION JAW**
  Allows simplified navigation in challenging anatomy[4]



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]

Learn more about Caiman® Seal and Cut instruments by visiting www.bbraun.com.au/caiman

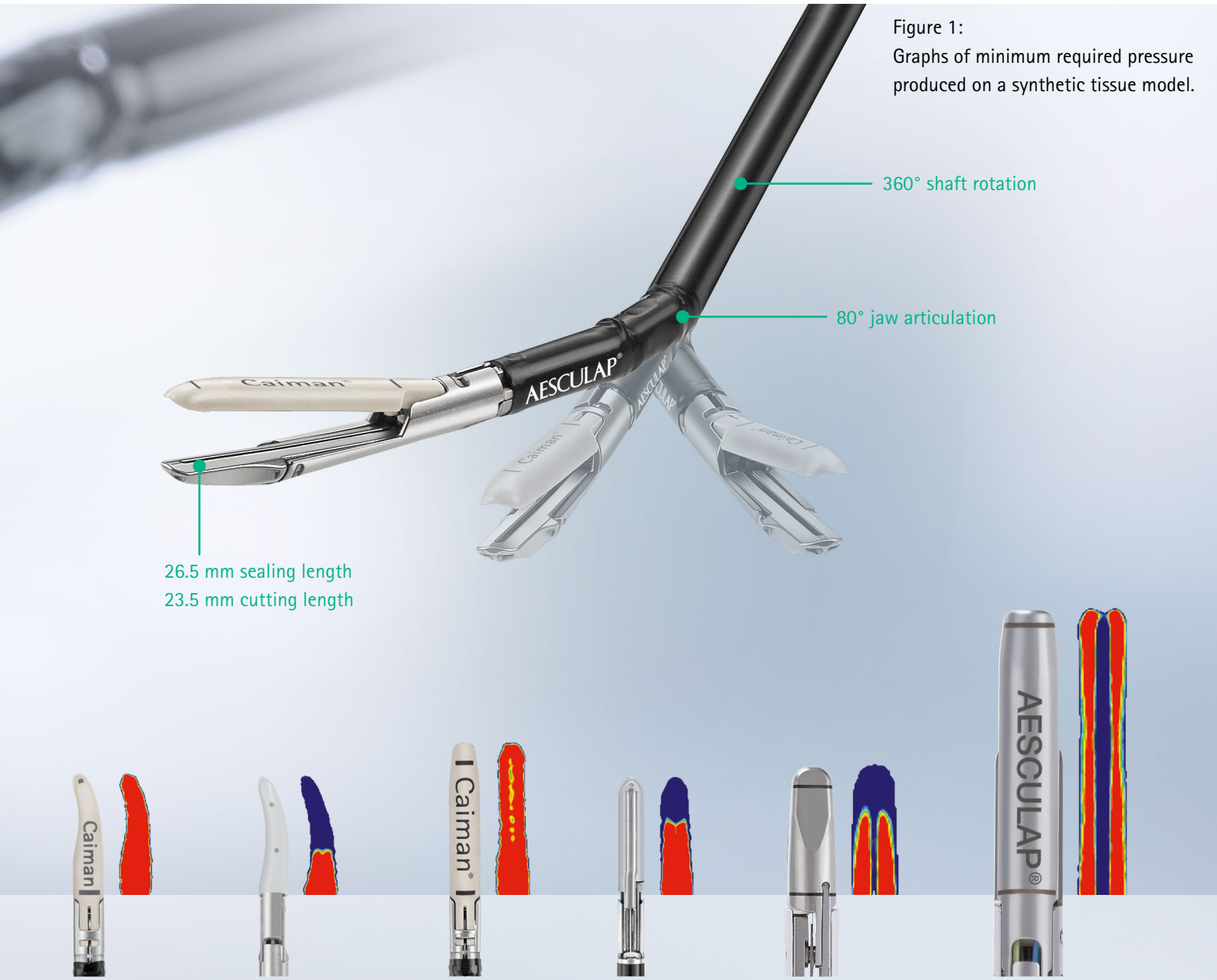


Figure 1:
Graphs of minimum required pressure produced on a synthetic tissue model.

Caiman® 5 Maryland (5 mm)

Comparable Product Maryland (5 mm)

Caiman® 5 (5 mm)

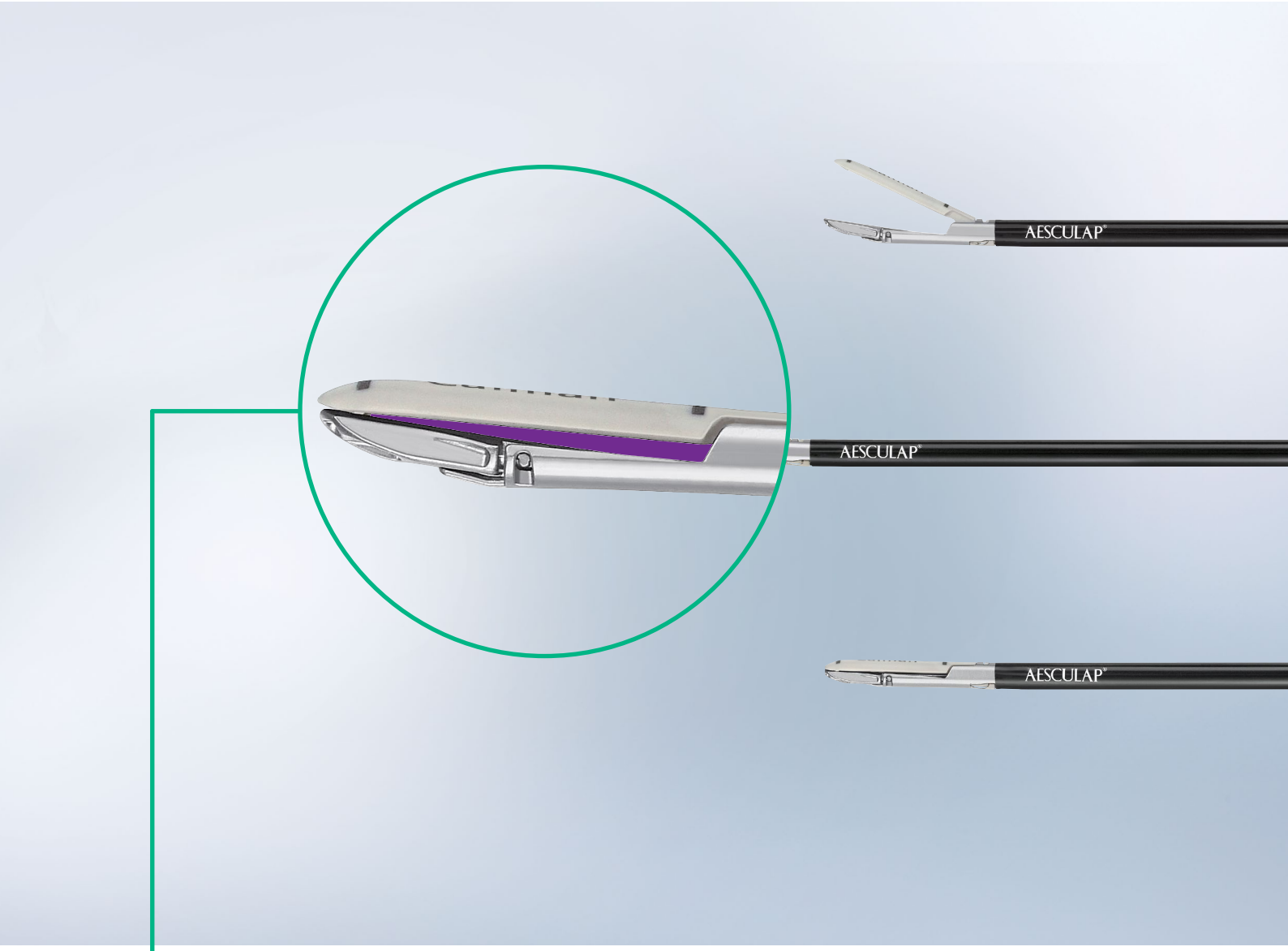
Comparable product (5 mm)

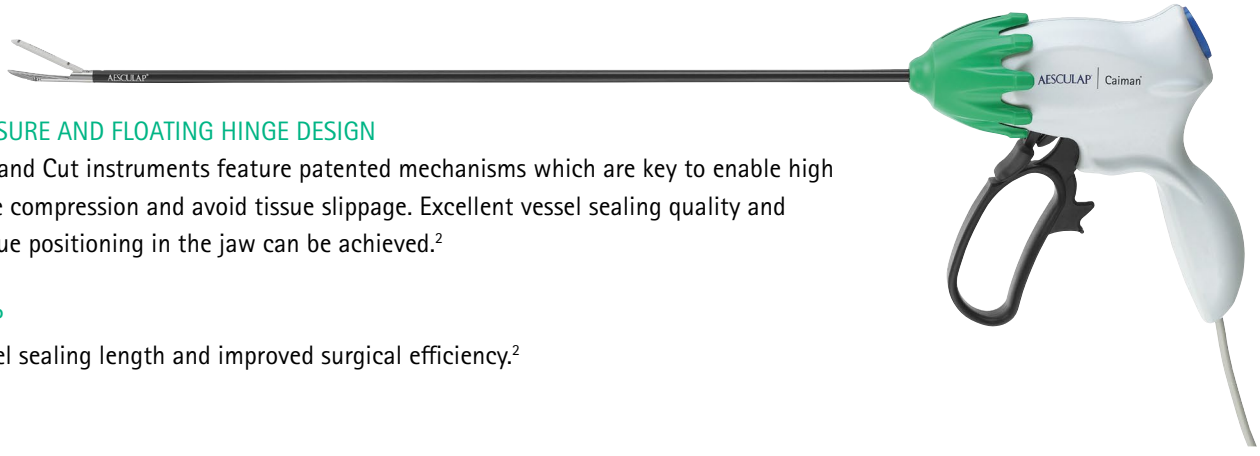
Comparable product (10 mm)

Caiman® 12 (12 mm)

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.





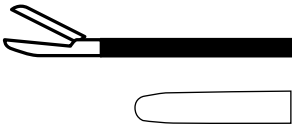
TIP FIRST CLOSURE AND FLOATING HINGE DESIGN

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

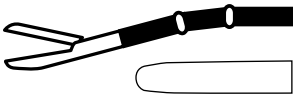
Enlarged vessel sealing length and improved surgical efficiency.[2]

Ordering Information

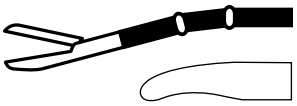


	Shaft diameter	Working length	Pcs. per pack
Caiman® 5, NON ARTICULATING JAW			
PL738SU	5 mm	24 cm	6
PL740SU	5 mm	36 cm	6
PL742SU	5 mm	44 cm	6

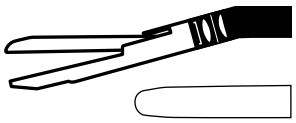
Caiman® 5, NON ARTICULATING MARYLAND JAW			
PL774SU	5 mm	12.5 cm	6
PL775SU	5 mm	17 cm	6
PL770SU	5 mm	36 cm	6
PL772SU	5 mm	44 cm	6



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. Voegele, 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. Aquires Aragon Surgical, Inc., accessed 6 May 2024, <https://www.businesswire.com/news/home/20110926005941/en/Aesculap-Inc.-Acquires-Aragon-Surgical-Inc>

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Information according to Regulation (EU) 2017/745 and Council Directive 93/42/EEC respectively:

Manufacturer of Product Caiman:
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CE 0123

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