B BRAUN
SHARING EXPERTISE

AESCULAP® Caiman®

Advanced bipolar seal and cut technology

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

One seal confidence
State of the art vessel sealing with only one energy activation[2]

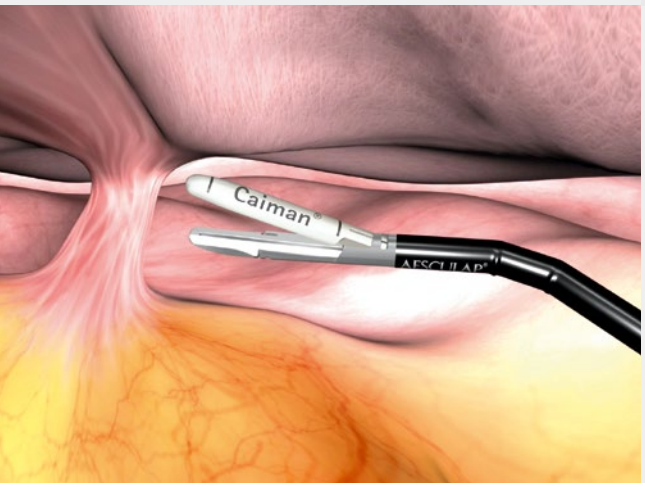
Uniform tissue compression
Leads to consistent sealing quality from distal to proximal tip[2]

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]

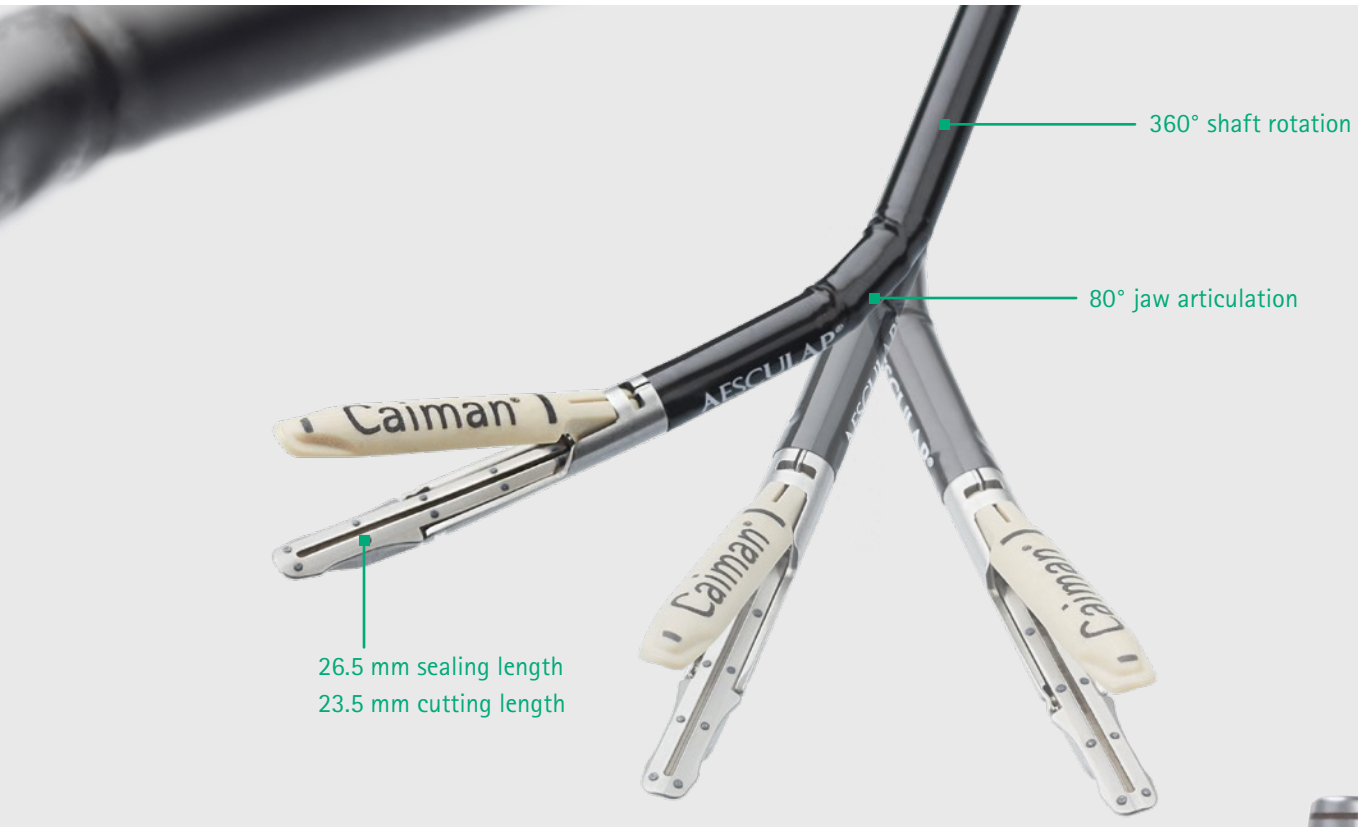
80 Degree articulation jaw
Allows simplified navigation in challenging anatomy[4]



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]

Caiman® articulating instruments
are precise providing effective tissue manipulation in challenging anatomy, allowing tissue conserving approach to sensitive structures and organs.[5,6]

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



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. Compression force in other devices may decline from proximal to distal end influencing the sealing quality.[2]

Red represents minimum required pressure (or greater). Blue represents insufficient pressure.[2] Minimum required pressures based on Aesculap calculated requirements. Graphs of minimum required pressure produced on a synthetic tissue model.

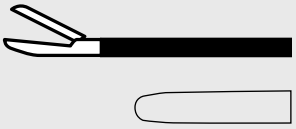
Tip first closure and floating hinge design

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

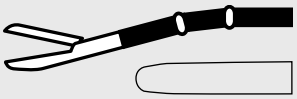
Enlarged vessel sealing length and improved surgical efficiency.[2]

Ordering information



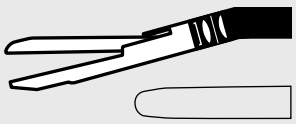
	Shaft diameter	Working length	Pcs. per pack
Caiman® 5, non articulating jaw			
PL718SU* / PL738SU**	5 mm	24 cm	6
PL720SU* / PL740SU**	5 mm	36 cm	6
PL722SU* / PL742SU**	5 mm	44 cm	6

Caiman® 5, non articulating Maryland jaw			
PL754SU* / PL774SU**	5 mm	12.5 cm	6
PL755SU* / PL775SU**	5 mm	17 cm	6
PL750SU* / PL770SU**	5 mm	36 cm	6
PL752SU* / PL772SU**	5 mm	44 cm	6



Caiman® 5, articulating jaw			
PL719SU* / PL739SU**	5 mm	24 cm	6
PL721SU* / PL741SU**	5 mm	36 cm	6
PL723SU* / PL743SU**	5 mm	44 cm	6

Caiman® 5, articulating Maryland jaw			
PL751SU* / PL771SU**	5 mm	36 cm	6
PL753SU* / PL773SU**	5 mm	44 cm	6



Caiman® 12, articulating jaw			
PL730SU	12 mm	24 cm	3
PL731SU	12 mm	44 cm	3

Lektrafuse HF-Generator (without mains cable)

GN200

Lektrafuse HF-Generator Accessories

TE780 / TE730	Mains cable, grounding-type European plug, 1.5 m / 5 m
TE734	Mains cable for Great Britain and Ireland, 5 m
TE735	Mains cable for USA, Canada and Japan, 4 m
TE676 / TE736	Mains cable, IEC 60320 connector (non-heating equipment), 1 m / 2.5 m

GN201 — Single pedal foot switch for GN200

* Ordering number for the following countries: CN, KR, BR, JP, RU, BO, CO, MY, SG, AR, TW, EC, MN, PA, DO, TH

** Ordering number for the following countries: UK, DE, FR, ES, PL, IT, SE, CZ, NL, BE, LU, PT, AT, CH, BA, DK, FI, IE, SK, NO, TR, HU, RO, BG, CY, SI, GR, KZ, US, ID, PH, AU, NZ, HK, MX, PE, AZ, CL, JO, KW, LY, NC, IN, VN, GT, DZA, ISR, KWT, SA, ZAF, UA

References:

1. https://www.bbraun.com/en/products-and-solutions/therapies/minimally-invasive-surgery/caiman-advanced-bipolar-technology/caiman-publications.html
2. Eick, S., Loudermilk, B., Walberg, E. et al. Rationale, bench testing and in vivo evaluation of a novel 5 mm laparoscopic vessel sealing device with homogeneous pressure distribution in long instrument jaws. Ann Surg Innov Res 7, 15 (2013). https://doi.org/10.1186/1750-1164-7-15
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. CAIman 5 Articulating Maryland in coloRECTAL Cancer Surgery. An Observational, Prospective, Post-marketing Clinical Follow-up Study: https://clinicaltrials.gov/study/NCT04175756?term=CAIRECTAL&rank=1
6. Federica Perelli, Martina Arcieri, Stefano Restaino et al. Clinical impact of surgical energy device (Caiman®) IN elderly patients with Endometrial Cancer (protocol ID: Cineca). European Journal of Surgical Oncology 51 (2025) 109982. https://doi.org/10.1016/j.ejso.2025.109982

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