

VESSEL SEALING DEVICE COMPARISON

Open Devices MEDTRONIC



NAME	LigaSure Impact™ Curved, Large Jaw, Sealer/Divider Nano-Coated	LigaSure Atlas™ Tissue Fusion, Sealer/Divider	LigaSure™ Small Jaw, Sealer/Divider	LigaSure™ Exact Dissector, Sealer/Divider	LigaSure™ Maryland Jaw Sealer/Divider Nano-Coated	LigaSure™ Blunt Tip Sealer/Divider Nano-Coated	Sonicision™ Cordless Ultrasonic Dissector
PART NO.	LF4418	LS1020	LF1212A	LF2019	LF1923	LF1823	SCD13, SCD26
SEAL LENGTH	36 mm	22 mm	17.3 mm	20.6 mm	20.3 mm	18.3 mm	14.5 mm
CUT LENGTH	34 mm	20 mm	15.2 mm	19.8 mm	18.5 mm	16.8 mm	14.5 mm

JAW PROFILE



Open Devices COMPETITIVE



Caiman™ 12	Enseal™ G2 Super Jaw	Enseal™ X1 Large Jaw	Harmonic Focus™, Focus™ +, Focus™ Long Shears
50 mm	40 mm	38 mm	16 mm
47 mm	37 mm	30 mm	16 mm

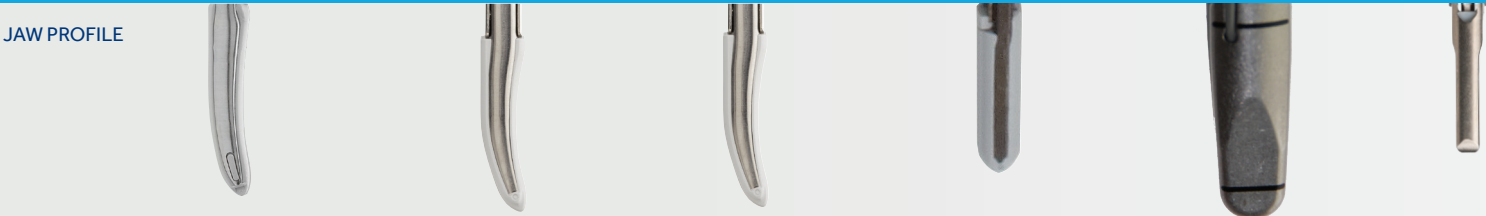


VESSEL SEALING DEVICE COMPARISON

Laparoscopic Devices MEDTRONIC



NAME	LigaSure™ Retractable L-Hook Sealer/Divider	LigaSure™ Maryland Jaw Sealer/Divider Nano-Coated	LigaSure™ Maryland Jaw Thoracic Sealer/Divider Nano-Coated	LigaSure™ Blunt Tip Sealer/Divider Nano-Coated	LigaSure Atlas™ Tissue Fusion, Sealer/Divider	Sonicision™ Cordless Ultrasonic Dissector
PART NO.	LF5637, LF5644	LF1937, LF1944	LF1930T	LF1837, LF1844	LS1037	SCD396, SCD48
SEAL LENGTH	20 mm	20.3 mm	20.3 mm	18.3 mm	22 mm	14.5 mm
CUT LENGTH	18.5 mm	18.5 mm	18.5 mm	16.8 mm	20 mm	14.5 mm



Product images not actual size

Resources:
Medtronic product measurements taken from: [medtronic.com/covidien](https://www.medtronic.com/covidien).
Caiman™ measurements taken from: https://www.aesculapusa.com/assets/base/doc/DOC1098_Rev_D_Caiman_Vessel_Sealers_Brochure.pdf
Harmonic™ Focus measurements taken from: http://www.accessdata.fda.gov/cdrh_docs/pdf10/K100597.pdf
Enseal™ G2 Super Jaw measurements taken from: http://gb.ethicon.com/sites/default/files/EES_ENSEAL_G2SuperJawTissueSealer_ComparativeSummary_BR544.pdf
Medtronic device measurements based on internal report #R0050236_A.
Enseal™ X1 Large Jaw measurements taken from http://www.ethicon.com/sites/default/files/managed-documents/061968-161020_enseal_x1_productsellsheet_120916_v17.pdf, as well as internal data for the seal length measurements.

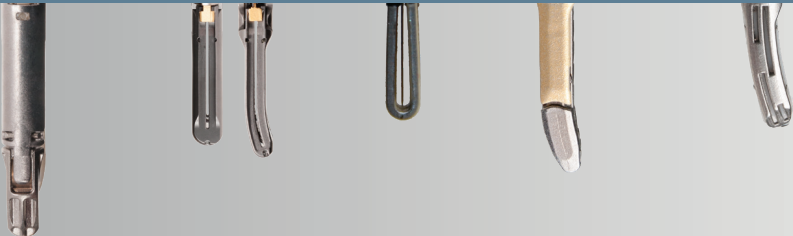
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Laparoscopic Devices COMPETITIVE



Caiman™ 5	Enseal™ G2 Lap	Gyrus™ PKS 5 mm	Thunderbeat™	Harmonic™ Ace+
26.5 mm	15.69 mm	13.7 mm	19.24 mm	13.52 mm
23.5 mm	14.65 mm	11.8 mm	19.24 mm	13.52 mm



Medtronic