

VESSEL SEALING DEVICE COMPARISON

Open Devices

MEDTRONIC

Open Devices

COMPETITIVE



| 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 |

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

JAW PROFILE



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.

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-](http://www.ethicon.com/sites/default/files/managed-documents/061968-161020_enseal_x1_productsellsheet_120916_v17.pdf)

[documents/061968-161020_enseal_x1_productsellsheet_120916_v17.pdf](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



| NAME | Caiman™ 5 | Enseal™ G2 Lap | Gyrus™ PKS 5 mm | Thunderbeat™ | Harmonic™ Ace+ |
|-------------|-----------|----------------|-----------------|--------------|----------------|
| PART NO. | | | | | |
| SEAL LENGTH | 26.5 mm | 15.69 mm | 13.7 mm | 19.24 mm | 13.52 mm |
| CUT LENGTH | 23.5 mm | 14.65 mm | 11.8 mm | 19.24 mm | 13.52 mm |

