Medtronic Engineering the extraordinary

# The standard in vessel sealing.

LigaSure™ technology seals:

- Vessels up to and including 7 mm
- Lymphatics
- Tissue bundles

Plus, it seals vessels fast – in 1 to 4 seconds[1,†] in most surgical situations when used with the Valleylab™ FT10 energy platform.

## Ordering information

| Catalog number | Description | Quantity |
|---|---|---|
| **LXMJ23S (23 cm)<br>LXMJ37S (37 cm)<br>LXMJ44S (44 cm)** | LigaSure™ XP Maryland jaw instruments with nano-coating (one-step sealing) | 6/case |
| **LXMJ23L (23 cm)<br>LXMJ37L (37 cm)<br>LXMJ44L (44 cm)** | LigaSure™ XP Maryland jaw instruments with nano-coating (latching handle) | 6/case |
| **LF5637 (37 cm)<br>LF5644 (44 cm)** | LigaSure™ retractable L-hook instruments | 6/case |
| **LF1823 (23 cm)<br>LF1837 (37 cm)<br>LF1844 (44 cm)** | LigaSure™ 5 mm blunt tip instruments with nano-coating | 6/case |
| **LF1923 (23 cm)<br>LF1937 (37 cm)<br>LF1944 (44 cm)** | LigaSure™ Maryland jaw instruments with nano-coating | 6/case |
| **LF2019** | LigaSure™ Exact dissector with nano-coating | 6/case |
| **LF4418** | LigaSure Impact™ instrument with nano-coating | 6/case |
| **LF1212A** | LigaSure™ small jaw instrument | 6/case |

**All products listed are compatible with the Valleylab™ FT10 energy platform.**

† Bench test data may not be indicative of clinical performance.

‡ The 30 cm shaft length is only available for the LigaSure™ Maryland jaw thoracic sealer/divider (product code: LF1930T). The LigaSure™ Maryland jaw thoracic sealer/divider can be used on vessels (arteries, veins, pulmonary arteries, pulmonary veins) up to and including 7 mm. It is indicated for use in general surgery and such surgical specialties urologic, vascular, thoracic, and gynecologic.

1. Based on internal report #RE00025819 Rev A, LigaSure™ data sources for Valleylab™ FT10 white papers. Bench testing model used to evaluate sealing time. September 2015.
2. Based on internal sales data from FY01–FY20. October 2019.

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## LigaSure™ Exact dissector with nano-coating

**LF2019**

Hand- and foot-activated



**Jaws**
- Curved
- 20.6 mm seal length
- 19.8 mm cut length

**Length**

18.0 cm

**Applicable procedures**

For use in open surgical procedures. Procedures may include, but are not limited to: bowel resections, gall bladder procedures, Nissen fundoplication, and adhesiolysis.

This instrument is also indicated for open ENT procedures in adults (thyroidectomy, radical neck dissection, parotidectomy, and tonsillectomy) for ligation and division of vessels, lymphatics, and tissue bundles 2–3 mm away from unintended thermally-sensitive structures such as nerves and parathyroid glands.

## LigaSure™ small jaw instrument

**LF1212A**

Hand- and foot-activated



**Jaws**
- Curved
- 17.3 mm seal length
- 15.2 mm cut length

**Length**

18.8 cm

**Applicable procedures**

For use in open surgical procedures. Procedures may include, but are not limited to: bowel resections, gall bladder procedures, Nissen fundoplication, and adhesiolysis.

The device is also indicated for open ENT procedures in adults (thyroidectomy, radical neck dissection, parotidectomy, and tonsillectomy) for ligation and division of vessels, lymphatics, and tissue bundles 2–3 mm away from unintended thermally-sensitive structures such as nerves and parathyroid glands.

## LigaSure Impact™ instrument with nano-coating

**LF4418**

Hand- and foot-activated



**Jaws**
- Curved
- 36 mm seal length
- 34 mm cut length

**Shaft**
- 18.0 cm shaft length
- 12.6 mm × 7.6 mm shaft dimensions
- 180 degrees shaft rotation

**Applicable procedures**

For use in open surgical procedures. Procedures may include, but are not limited to: Nissen fundoplication, colectomy, cholecystectomy, adhesiolysis, hysterectomy, and oophorectomy.

**LigaSure™ technology has been used in more than**

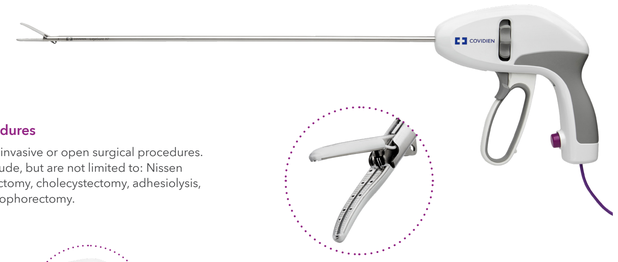
**25 million**

**procedures worldwide.[2]**

## LigaSure™ XP Maryland jaw instrument with nano-coating

**LXMJ23S, LXMJ37S, LXMJ44S, LXMJ23L, LXMJ37L, LXMJ44L**

Hand- and foot-activated



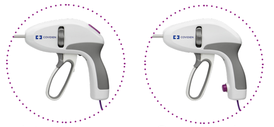
**Jaws**
- Maryland-style jaw
- 22.6 mm seal length
- 21.8 mm cut length

**Shaft**
- 23 cm, 37 cm, 44cm
- 5mm shaft diameter
- 360 degrees shaft rotation

**Applicable procedures**

For use in minimally invasive or open surgical procedures. Procedures may include, but are not limited to: Nissen fundoplication, colectomy, cholecystectomy, adhesiolysis, hysterectomy, and oophorectomy.

**Handle options**



Latching handle

One-step sealing

## LigaSure™ retractable L-hook instrument

**LF5637, LF5644**

Hand-activated



**Jaws**
- Curved
- 20.0 mm seal length
- 18.5 mm cut length
- Retractable L-hook for use with monopolar energy
- LigaSure™ vessel-sealing technology, plus Valleylab™ mode monopolar technology

**Shaft**
- 37 cm, 44 cm shaft lengths
- 5 mm shaft diameter
- 315 degrees shaft rotation

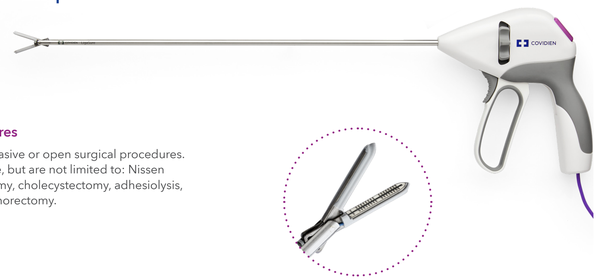
**Applicable procedures**

For use in minimally invasive surgical procedures. Procedures may include, but are not limited to: gastric bypass, hysterectomy, Nissen fundoplication, colectomy, cholecystectomy, adhesiolysis, and oophorectomy.

## LigaSure™ 5 mm blunt tip instrument with nano-coating

**LF1823, LF1837, LF1844**

Hand- and foot-activated



**Jaws**
- Blunt
- 18.3 mm seal length
- 16.8 mm cut length

**Shaft**
- 23 cm, 37 cm, 44 cm shaft lengths
- 5 mm shaft diameter
- 180 degrees shaft rotation

**Applicable procedures**

For use in minimally invasive or open surgical procedures. Procedures may include, but are not limited to: Nissen fundoplication, colectomy, cholecystectomy, adhesiolysis, hysterectomy, and oophorectomy.

## LigaSure™ Maryland jaw instrument with nano-coating

**LF1923, LF1937, LF1944, LF1930T‡**

Hand- and foot-activated



**Jaws**
- Maryland-style jaw
- 20.3 mm seal length
- 18.5 mm cut length

**Shaft**
- 23 cm, 37 cm, 44 cm shaft lengths
- 5 mm shaft diameter
- 350 degrees shaft rotation

**Applicable procedures**

For use in minimally invasive or open surgical procedures. Procedures may include, but are not limited to: Nissen fundoplication, colectomy, cholecystectomy, adhesiolysis, hysterectomy, and oophorectomy.