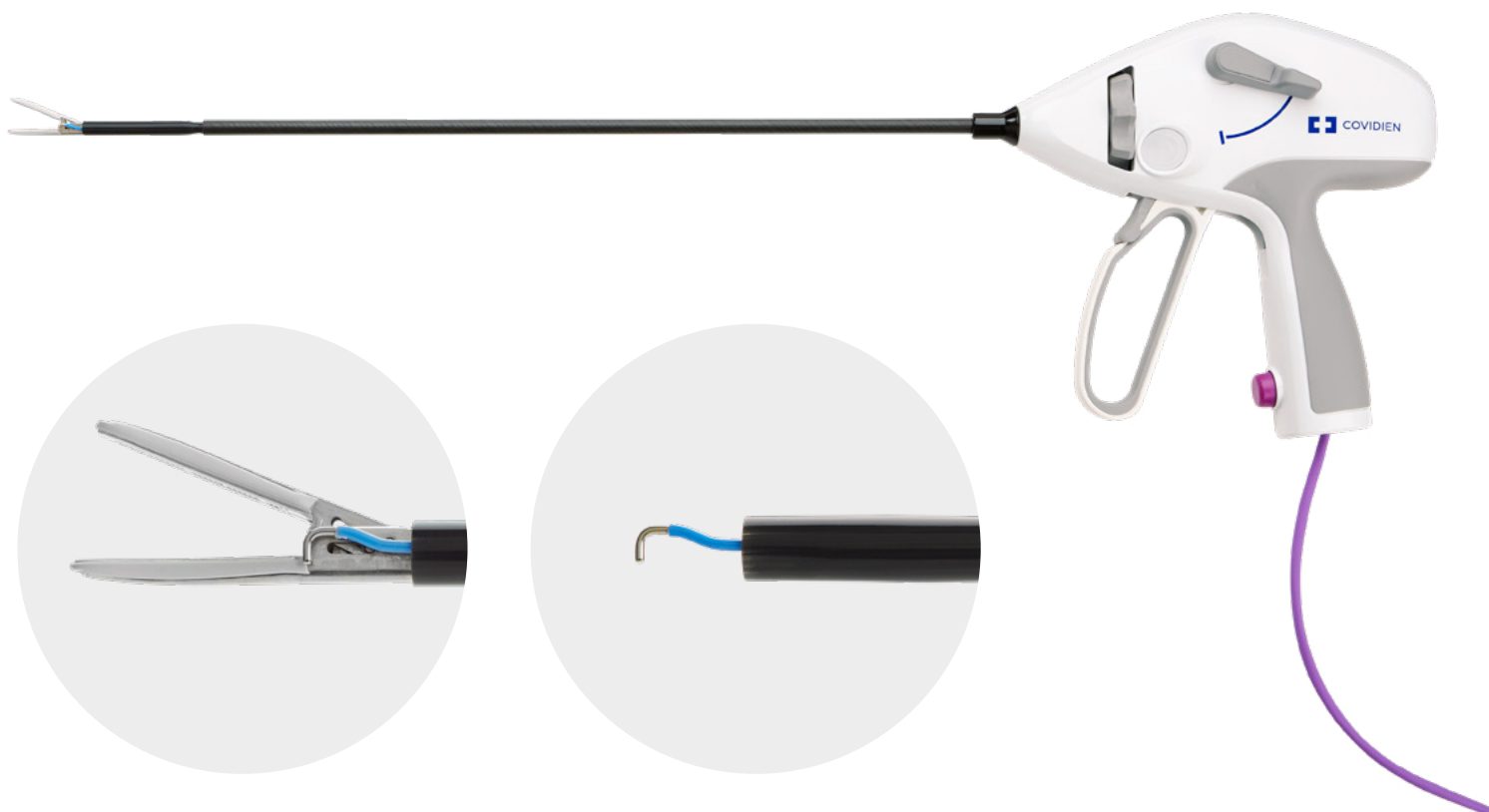


TECHNICAL SHEET

LigaSure™ retractable L-hook laparoscopic sealer/divider



Product Information

Code	Description	Ship case QTY
LF5637	LigaSure™ Retractable L-hook Laparoscopic Sealer/Divider; length 37 cm	6 units/case
LF5644	LigaSure™ Retractable L-hook Laparoscopic Sealer/Divider; length 44 cm.	6 units/case

Materials of manufacture†

Class	Material	Special disposal conditions
Metallic	Stainless steel	No
Composites	Fibers	No
Polymeric	Not applicable	No

Latex free: Yes

Phthalates free: Yes

Nanomaterial and ionized radiation: No

Animal or biological components: No

† Please refer to the Material Declaration Letter

Specifications

Jaw and L-hook	
Type	Curved
Curvature angle	17 degrees
Seal plate length	20 mm
Cut length	18.5 mm
Proximal seal plate width	3.8 mm
Distal seal plate width	2.8 mm
Jaw opening	10.3 mm
Opening type	Unilateral
Integrated cutter	Yes
Jaw coating	1 mm L-shaped electrode with an atraumatic dissecting tip. Flexible silicone insulation on the metal part of the shaft prevents heat transfer to adjacent structures.

Shaft	
Length	37 and 44 cm
Diameter	5 mm
Rotation	315 degrees

Handle	
Features	Ergonomic and lightweight
Components	• Rotation wheel • Cutting trigger • Lever for jaw closure • Vessel sealing activation button • Monopolar L-Hook deployment paddle • Monopolar activation buttons

Mechanism

Sealing	
Activation options	Manual or footswitch
Manual activation type	One-step activation: • First click for tissue grasping • Second click for sealing

Monopolar	
Activation options	Two buttons on both sides of the handle
Type of energy	ValleyLab™ mode

Cutting	
Activation options	Trigger on the handle
Type of cutting	Independent from sealing

Compatibility and connections

Connectors	Single cable with two connectors at the distal end of the device. • Blue connector for monopolar power • Purple connector for LigaSure™ technology
Compatible with platforms	• Valleylab™ FT10 Energy Platform – software 1.0 or higher • ForceTriad™ Energy Platform – software 3.8 or higher
Return electrode	• This instrument requires the use of a patient return electrode REM Polyhesive™

Indications

- The LigaSure™ retractable L-hook laparoscopic sealer/ divider is a 5 mm bipolar/monopolar electro surgical instrument intended for use in minimally invasive surgical procedures where ligation and division of vessels, tissue bundles, and lymphatics is desired. The LigaSure™ sealer/divider can be used on vessels (arteries and veins) up to and including 7 mm in diameter. The Valleylab™ monopolar L-hook can be used to dissect through tissue planes and to create enterotomies or gastrotomies.
- It is indicated for use in general surgery and such surgical specialties as urologic, vascular, thoracic, colorectal, bariatric, and gynecologic. Procedures may include, but are not limited to, gastric bypass, hysterectomy, Nissen fundoplication, colectomy, cholecystectomy, adhesiolysis, oophorectomy, etc.
- The LigaSure™ system has not been shown to be effective for tubal sterilization or tubal coagulation for sterilization procedures. Do not use the LigaSure™ system for these procedures.

Packaging

Packaging level	Description	Material	QTY
Primary packaging	Tray	PETG	6
	Lid	Tyvek (HDPE flashspun)	6
Secondary packaging	IFU	Paper	1
	Carton	Solid bleached sulfate or clay coated news back	6
Tertiary	Shipper box	Corrugate board	1

Additional information

Single use: Yes

Sterilization method: Ethylene oxide

Shelf Life: 5 Years

GMDN Code:

- 57944, Endoscopic electro surgical handpiece/electrode, bipolar, single-use.

Certificate: MDR 724712

Conformity Assessment Procedure: Regulation (EU) 93/42/EEC, Annex II

Risk Class: IIb

Classification rule: Rule 9

Notified Body: BSI Group, Nr 2797

Legal Manufacturer: Covidien Ilc, 15 Hampshire Street, Mansfield, Massachusetts 02048, USA

**Questions?**

Call or email your local Medtronic representative.

For detailed information regarding the transition of EU MDD to EU MDR, please contact your designated Medtronic Sales Representative. This material should not be considered the exclusive source of information, it does not replace or supersede information contained in the device manual(s). Please note that the intended use of a product may vary depending on geographical approvals. See the device manual(s) for detailed information regarding the intended use, the (implant) procedure, indications, contraindications, warnings, precautions, and potential adverse events. For a MRI compatible device(s), consult the MRI information in the device manual(s) before performing a MRI. If a device is eligible for eIFU usage, instructions for use can be found at Medtronic's website manuals.medtronic.com. Manuals can be viewed using a current version of any major internet browser. For best results, use Adobe Acrobat® Reader with the browser. Medtronic products placed on European markets bear the CE mark and the UKCA mark (if applicable). For any further information, contact your local Medtronic representative and/or consult Medtronic's websites.

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