TECHNICAL SHEET

LigaSure™ blunt tip open and laparoscopic sealer/divider with nano-coating technology

Product Information

Code	Description	Ship case QTY
LF1823	LigaSure™ Blunt Tip Open Sealer/Divider, Nano-coated; length 23 cm, diameter 5 mm	6 units/case
LF1837	LigaSure™ Blunt Tip Laparoscopic Sealer/Divider, Nano-coated; length 37 cm, diameter 5 mm.	6 units/case
LF1844	LigaSure™ Blunt Tip Laparoscopic Sealer/Divider, Nano-coated; length 44 cm, diameter 5 mm.	6 units/case

Materials of manufacture†

Class	Material	Special disposal conditions
Metallic	Stainless steel	No
Polymeric	Polyesters	No
Polymeric	Not applicable	No
Polymeric	Acrylates	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	
Type	Blunt, double action with contoured tips
Curvature angle	0 degrees
Seal plate length	18.3 mm
Cut length	16.8 mm
Proximal seal plate width	3.8 mm
Distal seal plate width	3.8 mm
Jaw opening	14.7 mm
Opening type	Bilateral
Integrated cutter	Yes
Jaw coating	Nonstick nano-coating of Hexamethyldisiloxane (HMDSO). Applied to the surface by vapor deposition on the jaws.

Shaft	
Length	23, 37 and 44 cm
Diameter	5 mm
Rotation	180 degrees

Handle	
Features	Ergonomic and lightweight
Components	• Rotation wheel • Cutting trigger • Lever for jaw closure • Activation button

Mechanism

Sealing	
Activation options	Manual or footswitch
Manual activation type	Latching activation: • Grasp the tissue and close the jaw • Activate the sealing using the top button on the handle

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

Compatibility and connections

Connectors	Incorporates RFID technology for identification by the electrosurgical generator.
Compatible with platforms	• Valleylab™ FT10 Energy Platform – software 1.1 or higher • Valleylab™ LS10 Generator (where available) – software 1.0 or higher • ForceTriad™ Energy Platform – software 3.6 or higher

Indications

- The LigaSure™ Sealer/Divider is a bipolar electrosurgical instrument intended for use in minimally invasive or open 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.
- It is indicated for use in general surgery and such surgical specialties as urologic, vascular, thoracic, and gynecologic. Procedures may include, but are not limited to, Nissen fundoplication, colectomy, cholecystectomy, adhesiolysis, hysterectomy, 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:

- LF1823: 56296, Open-surgery electrosurgical handpiece/electrode, bipolar, single-use.
- LF1837, LF1844: 57944, Endoscopic electrosurgical 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 IIc, 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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