

TECHNICAL SHEET

LigaSure™ Maryland jaw thoracic sealer/divider with nano-coating



Product Information

Code	Description	Ship case QTY
LF1930T	LigaSure™ Maryland Jaw Thoracic Sealer/ Divider with Nano-coating; length 30 cm	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	Maryland (curved)
Curvature angle	22 degrees
Seal plate length	20.3 mm
Cut length	18.5 mm
Proximal seal plate width	4.8 mm
Distal seal plate width	2.5 mm
Jaw opening	12.3 mm
Opening type	Unilateral
Integrated cutter	Yes
Jaw coating	Nonstick nano-coating of Hexamethyldisiloxane (HMDSO). Applied to the surface by vapor deposition on the jaws.

Shaft	
Length	30 cm - designed for the thoracic cavity
Diameter	5 mm
Rotation	350 degrees

Handle	
Features	Small, ergonomic and lightweight
Components	• Rotation wheel • Cutting trigger • Lever for jaw closure • One-step activation button

Mechanism

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

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

Compatibility and connections

Connectors	Incorporates RFID technology for identification by the electro-surgical generator.
Compatible with platforms	Valleylab™ FT10 Energy Platform - software 1.1 or higher

Indications

- The LigaSure™ sealer/divider is a bipolar electro-surgical 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, veins, pulmonary arteries, pulmonary 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:

- 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 LLC, 15 Hampshire Street, Mansfield, Massachusetts 02048, USA

**Questions?**

Call or email your local Medtronic representative.

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