ENSEAL® X1 Large Jaw

Seal better.

ENSEAL® X1 Large Jaw is an advanced bipolar device designed for use in open surgical procedures. It offers better sealing compared to LigaSure Impact™, with less bleeding, 1 less thermal spread, 2 and better ergonomics. 3

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**Better hemostasis**

With a larger distal electrode surface area, 4 ENSEAL® X1 Large Jaw had **88% less bleeding** in thick tissue compared to LigaSure Impact™. 1

**Better tissue management**

Enabled by Adaptive Tissue Technology, ENSEAL® X1 Large Jaw had **41% less thermal spread** compared to LigaSure Impact™. 2

**Better design**

Convenient control placement is designed for **less hand movement**, 5 and 360° shaft rotation is designed to improve access to targeted tissue. 6

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Talk to your Ethicon representative to learn more.
ENSEAL® X1 Large Jaw

Key Indications

ENSEAL® X1 Large Jaw is intended for use during open surgery to cut and seal vessels, and to cut, grasp, and dissect tissue.

Indications for use include open general, gynecologic, urologic, thoracic, and vascular procedures. These procedures include hysterectomies, colectomies, Nissen fundoplication, adhesiolysis, oophorectomies, etc.

The devices can be used on vessels (arteries, veins, pulmonary vasculature, lymphatics) up to and including 7 mm, and tissue bundles.

Adaptive Tissue Technology:
The intelligence behind ENSEAL® X1

Adaptive Tissue Technology, powered by the Ethicon GEN11 Generator, uses an advanced algorithm for intelligent and efficient energy delivery. In ENSEAL® X1 devices, it continuously:
• Senses changes in tissue and device conditions
• Responds with the optimal amount of energy
• Delivers precision$^2$ and efficiency$^7$

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Ordering information

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<tr>
<th>PRODUCT CODE</th>
<th>DESCRIPTION</th>
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<tr>
<td>NSLX120L</td>
<td>ENSEAL® X1 Large Jaw</td>
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• ENSEAL® X1 Large Jaw is supplied sterile for single-patient use
• It is compatible with the Ethicon GEN11 Generator (software version 2016-1 or later versions)

REFERENCES: 1. Preclinical test of distal tip bleeding (ENSEAL® vs Impact LF4318) in thick porcine mesentery base (p<0.0001) (C2593). 2. Preclinical testing on porcine carotids (ENSEAL® vs Impact LF4318) that measured mean max lateral thermal damage via histology (p=0.006) (C2565) 3. (C2594-5, C2566) 5. (C2546-6, C2547). 6. (C2568). 7. (C2522).

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