

The Altrus® Thermal Tissue Fusion System

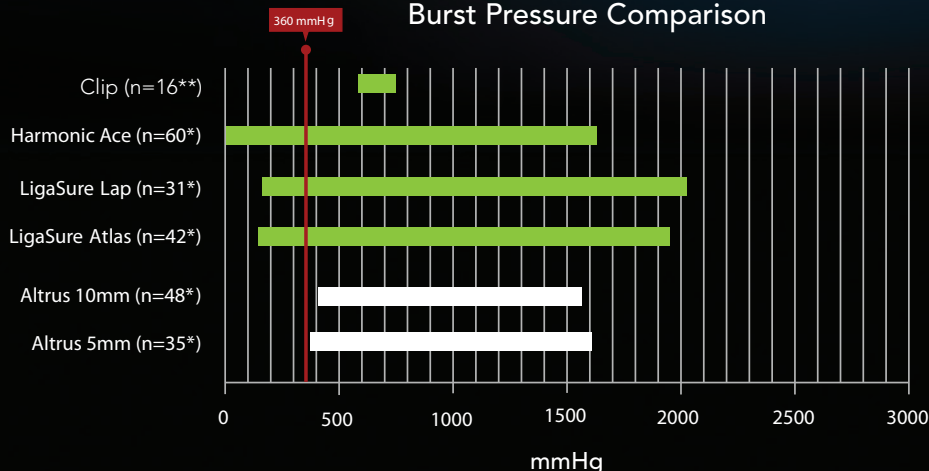
is the next generation in energy based vessel sealing technology. Based on a thermal energy platform, Altrus® offers a variety of differentiating features over competitive devices:

- 1 Temperature controlled energy - Altrus® uses a closed feedback loop between the energy source and the handpiece to control the temperature delivered to the tissue.
- 2 Fast cycle times – By controlling the temperature and utilizing fast cycle times, lateral tissue damage is minimized. The rapid cycle times may reduce surgeon hand fatigue.
- 3 Maryland style jaw provides better anatomical access and functionality than straight jaw designs.
- 4 Unique parallel closure mechanism provides for uniform pressure across the surface of the jaw.
- 5 Manual and Automatic Mode options provide flexibility for how surgeons can use Altrus®.
- 6 Bladeless cut function allows for clean division of desired tissue with no dulling of a cutting blade or jamming of the cutting mechanism.
- 7 Altrus® has been ergonomically designed to accommodate a variety of hand sizes (5 ½ to 8 ½ glove size) and to minimize surgeon hand fatigue.
- 8 Altrus® has been designed to be a multi-functional surgical tool to reduce the need for multiple instruments and instrument exchanges.
- 9 Because Altrus® is a thermal technology, it can be used in fluid environments.
- 10 Flexible Platform – the Altrus® energy source can be set-up as a stand-alone system or combined with the System 5000 ESU. You decide what best fits your needs!



How does the Altrus® Thermal Tissue Fusion System Compare?

Burst Pressure Comparison



H&E stained longitudinal section of porcine vessel using Altrus

* Data collected on in-vivo porcine arteries; vessel sizes ranged from 2mm to 7mm.
 ** Mean burst pressure range of porcine arteries ranging from 2mm to 7mm.
 Harold KL, et al. Surg Endosc (2003) 17: 1128-1230
 Individual values seen in the human model may vary.

Ordering Information



Energy Source:		Qty.
60-9500-120	ALTRUS® Thermal Tissue Fusion System Energy Source	1
Handpieces:		Qty.
60-9510-001	ALTRUS® 10mm, 16cm shaft handpiece	6/case
60-9511-001	ALTRUS® 10mm, 23cm shaft handpiece	6/case
60-9512-001	ALTRUS® 10mm, 36cm shaft handpiece	6/case
60-9520-001	ALTRUS® 5mm, 16cm shaft handpiece	6/case
60-9521-001	ALTRUS® 5mm, 23cm shaft handpiece	6/case
60-9522-001	ALTRUS® 5mm, 36cm shaft handpiece	6/case
Accessories:		Qty.
60-9540-001	ALTRUS® Cart with Energy Source adapter plate	1
60-9541-001	ALTRUS® Stacking Adapter for System 5000	1
60-9542-001	ALTRUS® Energy Source adapter plate for System 5000 cart	1
60-9543-ENG	ALTRUS® Thermal Tissue Fusion System Operator's Manual	1
60-9544-ENG	ALTRUS® Thermal Tissue Fusion System Service Manual	1

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