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 (5½ to 8½ 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

* 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.
Individual values seen in the human model may vary.

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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