

Isolator Synergy Access Clamp



INDICATION FOR USE

The AtriCure Bipolar (Transpolar) System is indicated for ablation and coagulation of soft tissue in general, ENT, thoracic, urological, gynecological surgical procedures and ablation of cardiac tissue during surgery including pulmonary vein isolation and atrial connecting lesions for the Maze procedure for the treatment of cardiac arrhythmias, including atrial fibrillation.

PRODUCT HIGHLIGHTS

The Isolator Synergy Access Clamp is the ideal mix of class leading synergy ablation technology and access driven feature.

Features Include:

- 6.2.3
- Jaw rotates 30 degrees upward and 30 degrees downward to enable ease of access in difficult anatomy
 - RF synergy technology
 - Easy attach Glidepath™ tape for guided maneuverability
 - Right curve dual electrode pairs
 - 64 mm jaw length

The Synergy Ablation Access System is supplied as a STERILE clamp and is for single patient use only. Sterility is guaranteed unless the package is opened or damaged. Do not resterilize.

The other components (ASU and ASB3) are not sterile and may be reused

Features	Details
Electrodes	2 pairs of Beryllium-Copper electrodes with a Nickel/Gold plating covering all exposed surfaces
Shaft	6.2.1 Stiff stainless-steel shaft
Lengths of jaws	6.2.2 64 mm
Closing Force	10 lbf (Max force spike is 25 lbf)
Closure	<div>The proximal jaw of the end-effector closes to the distal jaw in a pivot to parallel motion. The end effector articulates by 30°. This articulating movement can be locked by a means integrated in the handle.</div> <div></div>

UNIQUE LESION FORMATION

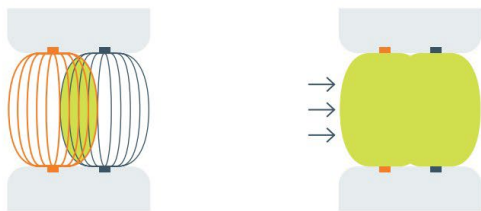
A lesion is only as strong as its weakest link, or gap. Traditional radio frequency creates a lesion from the surface toward the middle, resulting in an hourglass-shaped lesion. AtriCure's Isolator Synergy Bipolar clamp uses dual electrodes with alternating and overlapping fields to form a lesion from the middle to the surface. The result is a more robust and wider column-shaped lesion with transmuraliity.

FIGURE 1. CONVENTIONAL BIPOLAR



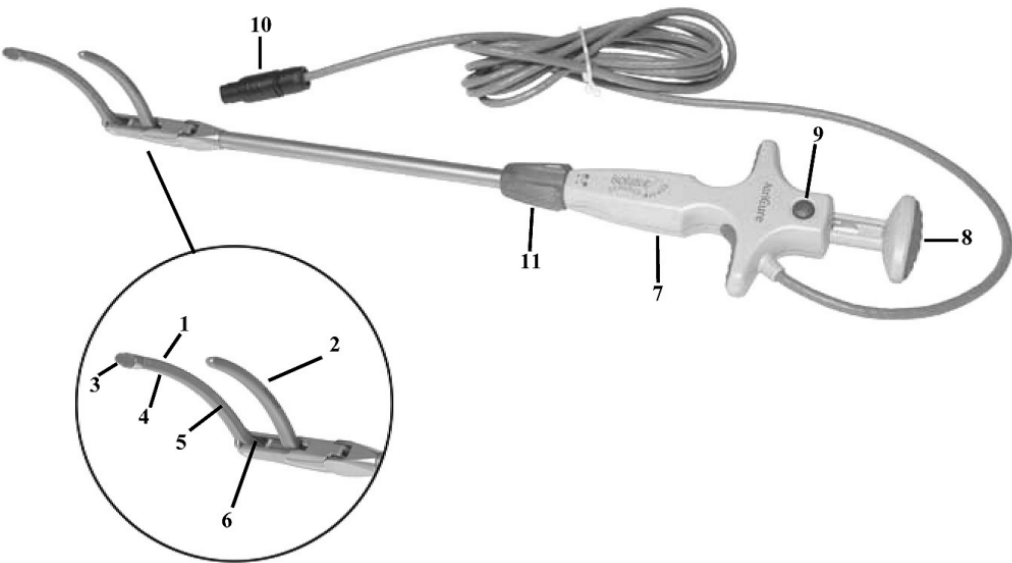
With conventional bipolar (one pair of electrodes), electrical signals can escape through the weakness in the lesion.

FIGURE 2. ISOLATOR SYNERGY CLAMP



The Synergy clamp uses two pairs of electrodes, creating a more robust lesion.

PRODUCT ILLUSTRATION



- 1. Distal Jaw
- 2. Proximal Jaw
- 3. Distal Jaw Plug
- 4. Attachment Tip
- 5. Electrodes
- 6. Jaw Heel
- 7. Handle
- 8. Closure Lever
- 9. Release Mechanism
- 10. Connector
- 11. Articulation knob