

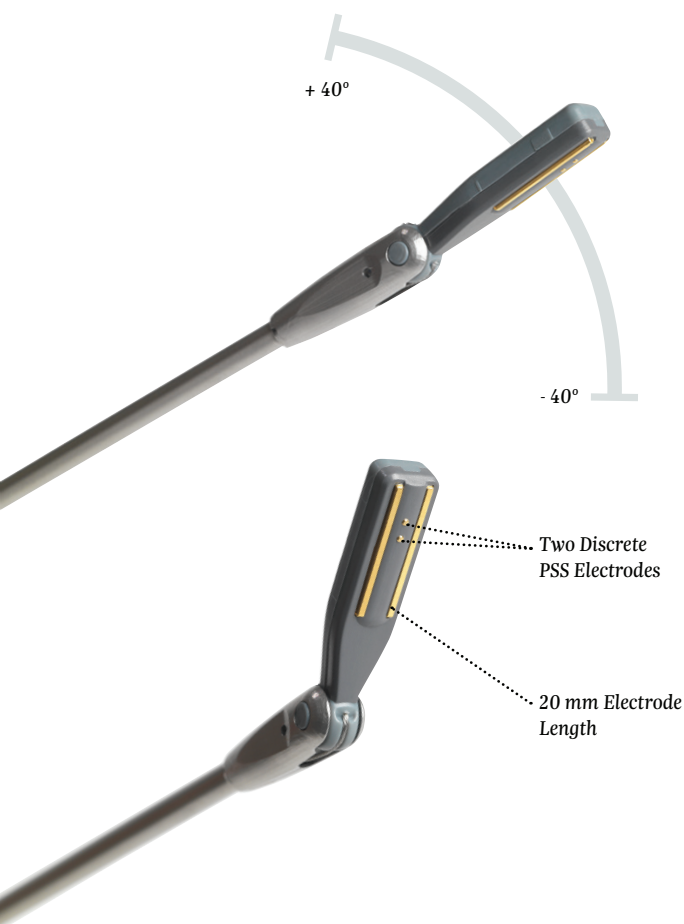
# Isolator<sup>®</sup> Linear Pen



*A Standard in Linear  
Ablation Science*

**AtriCure**

# Isolator Linear Pen



## 80° Total Head Articulation

- Isolator linear pen articulates  $\pm 40^\circ$  to enable ease of use and application of consistent head pressure on tissue being ablated or mapped.

## Two Discrete PSS Electrodes

- Integrated PSS electrodes reduce instrument exchange while testing lesions.

## 20 mm Electrode Length

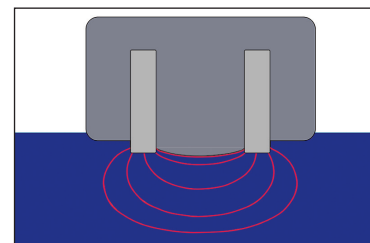
- Electrode length reduces number of applications and potential for gaps.

ATRICURE EUROPE B.V.  
De Entree 260  
1101 EE Amsterdam  
the Netherlands  
Tel. : +31 (0) 20-7005560  
Fax : +31 (0) 20-7005561  
SalesSupportEU@AtriCure.com  
Europe.AtriCure.com

## Isolator Linear Pen Thermal/Flow Analysis

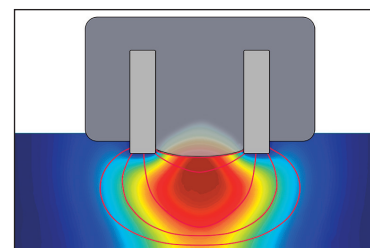
### AT T=0 SECONDS:

Current flow is initiated between the two electrodes. Current lines are depicted by the red lines.



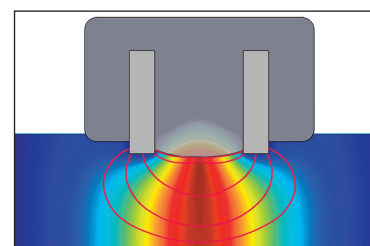
### AT T=20 SECONDS:

Resistive heating occurs under the electrodes as energy is driven deeper into the tissue. Copper mass acts as heat sink to cool tissue contacting electrode surface.



### AT T=40 SECONDS:

Energy continues along deeper conductive pathways until a full-thickness lesion is achieved.



\*Study ablations performed on 5.7-6.0 mm excised bovine myocardium. Reference MLP1 Instructions for Use.

## Isolator linear pen

Product Code

MLP1

The Isolator linear pen is a sterile, single use electrosurgery device intended to ablate cardiac tissue during cardiac surgery using radiofrequency (RF) energy when connected directly to the ASU or ASB in Ablation mode. The Isolator linear pen may be used for temporary cardiac pacing, sensing, recording, and stimulation during the evaluation of cardiac arrhythmias during surgery when connected to a temporary external cardiac pacemaker or recording device.

Please review the Instructions for Use for a complete listing of contraindications, warnings, precautions and potential adverse events prior to using these devices.

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