Solero
Microwave Tissue Ablation System

SIMPLE | SPEEDY | SCALABLE

angiodynamics
The single applicator system with the ability to complete up to a 5 cm ablation in 6 minutes†

**SOLERO MICROWAVE TISSUE ABLATION SYSTEM**

The Solero* Microwave Tissue Ablation (MTA) System and Accessories are indicated for the ablation of soft tissue during open procedures. The Solero MTA System is not intended for cardiac use.

**SOLERO GENERATOR**

- 2.45 GHz Operating Frequency
- **Solid State Generator** – No annual calibration required
- **Powers up to 140 W** – Speedy ablations
- **Intuitive Touch Screen User Interface**
- **Integrated Peristaltic Pump** – Continuous device cooling
- **Applicator Coolant Temperature Monitoring**
- **Reflected Energy Monitoring** – Feedback on ablation efficiency
- **No Grounding/Dispersive/Neutral Electrode Required**

†Ex vivo bovine liver- actual clinical results in perfused tissues may differ
**SOLERO APPLICATOR**

- **Applicator Available in 14, 19, and 29 cm Lengths**
- **Single Applicator System** – Scalability with a single applicator designed for multiple predictable ablation zones and a single applicator placement reduces placement time
- **15 g Stainless Steel Applicator** – Small and rigid enough to provide trackability for predictable applicator placement
- **Dielectric Antenna with an Optimized Ceramic Tip** – Delivers microwave energy into targeted tissue for speedy ablations
- **Patented Coolant Channel with Thermocouple** – Real-time coolant monitoring to help protect non-targeted tissue ablation
- **2.86 m (9.3 ft) Flexible, Fully Cooled Cable** – Allows for easy placement and antenna positioning within the sterile field

**SPEEDY AND SCALABLE ABLATION VOLUMES**

*Ex Vivo Bovine Liver*  
(diameter x length)

- 3.5 cm x 3.9 cm  6 min  
- 3.0 cm x 3.6 cm  4 min  
- 2.4 cm x 2.8 cm  2 min  
- 4.2 cm x 4.9 cm  6 min  
- 3.5 cm x 4.4 cm  4 min  
- 3.0 cm x 3.7 cm  2 min  
- 4.4 cm x 5.4 cm  6 min  
- 4.0 cm x 5.0 cm  4 min  
- 3.2 cm x 4.0 cm  2 min

**Note**: Ablation volumes in perfused tissues may differ from static laboratory results.
### Solero Microwave Tissue Ablation System

<table>
<thead>
<tr>
<th>SKU</th>
<th>Description</th>
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<tbody>
<tr>
<td>H78712740000US0</td>
<td>Solero MW Generator</td>
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<tr>
<td>H787700106001US0</td>
<td>Solero MW Applicator 14 cm</td>
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<tr>
<td>H787700106002US0</td>
<td>Solero MW Applicator 19 cm</td>
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<tr>
<td>H787700106003US0</td>
<td>Solero MW Applicator 29 cm</td>
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</tbody>
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Please refer to the Solero Generator Operator’s Manual and the Solero Applicator Directions For Use for complete instructions, warnings, and precautions.