BLAZER™ OPEN-IRRIGATED ABLATION CATHETER, MAESTRO 4000™ CARDIAC ABLATION SYSTEM and METRIQ™ PUMP

Empower Irrigated Ablation Procedures
Cool.

Total Tip Cooling™ Design

**Internal Cooling:** Dual chambers cool the entire tip

**External Washing:** Optimized flow pattern actively washes tip

**Greater Cooling Capacity:** Consistently cooler throughout RF delivery

**Conventional Open-Irrigated Tip**

**BLAZER™ Open-Irrigated Tip**

- Greater Cooling Capacity
- Active Tip Washing
- Reduced Proximal Heating
- Uniform Cooling of Tip

Infrared thermal images are from bench testing performed by Boston Scientific. N=1. Data on file.


Product illustrations of catheter construction designed by Boston Scientific, not actual photos.
Confident.

**BLAZER OI:**
Effective power delivery with steady tissue temperature rise

**Tip/ Tissue Interface Comparison:** BLAZER OI and ThermoCool SF at 30 seconds

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Control.

The BLAZER platform performs as an extension of your hand, eliciting control through benefits such as:

- Bi-Directional Steering
- Lateral Contact
- Trackability
- Tip Stability
- Torqueability
- Fine Micro-Movements

1M+
BLAZER™
Catheters
used clinically world wide since launch

Empower **Efficiency**

Simple connectivity and intelligent user interface enables quick setup and efficient operation.

**Intelligent User Interface**
- Comprehensive, real-time diagnostic information on one screen
- Large, easy-to-read display can be viewed from a distance
- Quick, intuitive menu navigation

**IntellaSight Infusion Monitoring**
- Provides real-time feedback on five different saline assessments
  - Volume Remaining
  - Volume Infused
  - Volume Dispensed
  - Low Fluid Warning
  - New Saline Bag
Empower Performance

Automatic communication between system components activates enhanced features to deliver safe, reliable performance throughout the procedure.

Bubble and Occlusion Detection
- Reliable sensor technology designed to prevent air infusion and occlusion
- Simple placement process to ensure accurate tubing alignment
- Smaller tubing designed to effectively clear bubbles and increase flow

Automatic Titration
- Intelligent, automatic titration for optimal power-to-fluid control
- Instant, clear display of titration status

Example Scenario: METRIQ™ Pump automatically delivers saline at hi-flow (30 mL/min) when the MAESTRO 4000™ Controller power level is set to 30 Watts.
Empower Integration

The MAESTRO 4000™ RF Generator fully integrates with today’s most advanced products to diagnose and treat cardiac arrhythmias.

Compatible with Our Full Portfolio of Cutting-edge Catheters

- BLAZER™ OPEN-IRRIGATED with Total Tip Cooling™
- INTELLATIP MIFI™ Multi-Dimensional Ablation Technology
- BLAZER™ Ablation Technology

Boston Scientific EP Lab

- iLAB™ Ultrasound Imaging System
- METRIO™ Irrigation Pump
- MAESTRO 4000™ Cardiac Ablation System
- RHYTHMIA Signal Station
- Comprehensive Portfolio of Diagnostic and Therapeutic Catheters
- MicroPace Cardiac Stimulator
- LABSYSTEM™ PRO Windows 7 EP Recording System
- RHYTHMIA™ Mapping System
Product Ordering Information

BLAZER™ OPEN-IRRIGATED Ablation Catheter

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Shaft Size</th>
<th>Tip Size</th>
<th>Curve Style</th>
<th>Shaft Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>M004 9620 0</td>
<td>7.5F</td>
<td>7F/4mm</td>
<td>Standard</td>
<td>110cm</td>
</tr>
<tr>
<td>M004 9620K2 0</td>
<td>7.5F</td>
<td>7F/4mm</td>
<td>Large</td>
<td>110cm</td>
</tr>
<tr>
<td>M004 9620K2E0</td>
<td>7.5F</td>
<td>7F/4mm</td>
<td>Large/Extra Long</td>
<td>115cm</td>
</tr>
<tr>
<td>M004 9620N4 0</td>
<td>7.5F</td>
<td>7F/4mm</td>
<td>Asymmetric</td>
<td>110cm</td>
</tr>
</tbody>
</table>

Electrode Configuration: Quadripolar  
Electrode Spacing: 2.5mm

METRIQ™ Irrigation Pump

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Description</th>
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<tbody>
<tr>
<td>M004 4100 0</td>
<td>METRIQ™ Pump</td>
</tr>
<tr>
<td>M004 661 0</td>
<td>Cable, Generator to Pump or Remote (20ft)</td>
</tr>
<tr>
<td>M004 663 0</td>
<td>Cable, Generator to Pump or Remote (50ft)</td>
</tr>
<tr>
<td>M004 664 0</td>
<td>Cable, Generator to Pump or Remote (75ft)</td>
</tr>
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</table>

MAESTRO 4000™ Cardiac Ablation System

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>M004 4000 0</td>
<td>MAESTRO 4000 Controller</td>
</tr>
<tr>
<td>M004 4020 0</td>
<td>MAESTRO 4000 Remote</td>
</tr>
<tr>
<td>M004 21850 0</td>
<td>MAESTRO Foot Switch</td>
</tr>
<tr>
<td>M004 4010 0</td>
<td>MAESTRO 4000 Pod, 100W (US)</td>
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</tbody>
</table>

BLAZER™ OPEN-IRRIGATED Accessories

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>M004 671 0</td>
<td>Cable, BLAZER OPEN-IRRIGATED Catheter to MAESTRO 4000™ Generator</td>
</tr>
<tr>
<td>M004 117 0</td>
<td>METRIQ Irrigation Tubing Set</td>
</tr>
</tbody>
</table>

Bidirectional Curve Options

- Standard Radius Curve
- Large Radius Curve (K2, K2E)
- Asymmetric 4 Curve (N4)

Catheter configurations are illustrative representations only and may not reflect actual performance.
**MASTERY PUMP**

**INDICATIONS FOR USE**

The Mastery Pump is intended for use in conjunction with a BSC open-irrigated cardiac ablation catheter, Mastery Irrigation Tubing Set, and Mastery 4000™ Cardiac Ablation System. Mastery Pump is designed for use with irrigation fluid only. Patients should be monitored for proper irrigation fluid flow.

**CONTRAINDICATIONS**

There are no specific contraindications for use of the MasterPump itself. However, users should read and understand the specific indications, contraindications, warnings, and precautions included with any open-irrigated cardiac ablation catheter used in conjunction with the System. Note: the contraindications listed in the catheter Directions For Use also apply to the use of the Maestro 4000 Cardiac Ablation System. Refer to the individual catheter Directions for Use to the Maestro 4000™ Cardiac Ablation System.

**POTENTIAL ADVERSE EVENTS**

- Possible occurrence of embolism.
- Patients with hemodynamic instability or cardiogenic shock are at increased risk for life-threatening adverse effects and should be monitored with extreme caution. The MasterPump is not intended to be used with a hemodynamic monitor system or coronary vasculature are unknown. If there is uncertainty regarding the patient's anticoagulation status or rhythm prior to the atrial flutter procedure, there should be a low rate to perform a transeptal echocardiogram (TEE) prior to procedure to confirm absence of mural thrombus and/or thrombus in the left atrial appendage.

**PRECAUTIONS**

To avoid the risk of explosion, do not use the pump in the presence of flammable anesthetics or in an oxygen rich environment. The MasterPump needs special precautions regarding the environment and use of flammable anesthetics and oxygen.

**CONTRIBUTORS**

All trademarks are property of their respective owners.

**CAUTION:** Federal law (USA) restricts this device to sale by or on the order of a physician. Rx only. Prior to use, please read the complete "Directions for Use" for more information on Indications, Contraindications, Warnings, Precautions, Adverse Events, and Operator’s Instructions.