**SENSATION® Fiber-Optic IAB Catheter**

**Features and Benefits**

**SENSATION 7Fr.** is the smallest IAB catheter available today combined with innovative, fiber-optic technology that automatically calibrates in vivo. Smaller is better for the patient, potentially reducing vascular complications.

**Summary:**
- The fiber-optic sensor instantaneously transmits a precise pressure signal to the CARDIOSAVE® and CS300™
- Provides a clean, crisp arterial pressure waveform
- 15% increase in the amount of distal flow vs. 8Fr.
- 23% reduction in catheter cross-sectional area
- Potential for smaller arteriotomy
- Potential for reduced limb ischemia
- Abrasion resistance improved 43%

**Why SENSATION?**

**Unique automatic in vivo calibration:** The ONLY fiber-optic IABP and catheter system that automatically calibrates in the patient after insertion and automatically recalibrates in vivo every 2 hours or sooner should patient or environmental conditions change.

**The result:** faster time to therapy, ongoing consistency and accuracy of the arterial blood pressure waveform, and improved ease of use.

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This document is intended to provide information to an international audience outside of the US.
Maquet Group is a leading global provider of products and systems that contribute to quality enhancement and cost efficiency within healthcare and life sciences. We operate under the three brands of ArjoHuntleigh, Getinge and Maquet. ArjoHuntleigh focuses on patient mobility and wound management solutions. Getinge provides solutions for infection control within healthcare and contamination prevention within life sciences. Maquet specializes in solutions, therapies and products for surgical interventions, interventional cardiology and intensive care.

Technical Specifications

<table>
<thead>
<tr>
<th>Balloon</th>
<th>Catheter</th>
</tr>
</thead>
<tbody>
<tr>
<td>Part Number Nominal Volume (cc)</td>
<td>Balloon Diameter at 2 psi (mm)</td>
</tr>
<tr>
<td>0684-00-0470-01 40</td>
<td>Insertable Length (mm)</td>
</tr>
<tr>
<td>0684-00-0469-01 34</td>
<td>Guidewire Size (in.)</td>
</tr>
<tr>
<td>Nominal Length (mm)</td>
<td>15.0</td>
</tr>
<tr>
<td>258</td>
<td>723</td>
</tr>
<tr>
<td>221</td>
<td>0.018</td>
</tr>
</tbody>
</table>

Materials

All balloon and catheter materials meet FDA and ISO biocompatibility guidelines for devices and materials. SENSATION 7Fr. IAB catheters and insertion kits do not contain latex.

Packaging

One pouch sterile, corner peel

Cycle Life

One procedure

Shelf Life

3 years from date of sterilization

All parameters specified at 25°C ambient temperature. We maintain a policy of continual product improvement and reserve the right to change materials and specifications without notice.

Ordering Information

40cc SENSATION 7Fr. IAB Catheter with Catheter Connector 0684-00-0470-01

34cc SENSATION 7Fr. IAB Catheter with Catheter Connector 0684-00-0469-01

34cc and 40cc Sensation Insertion Kit 0884-00-0019-16

SENSATION Insertion Kit includes:

- 6” (15cm) Reinforced Sheath Introducer with hemostasis valve and Introducer Dilator
- One 18 gauge Angiographic Needle
- One Vessel Dilator
- One 0.018” x 145cm 3mm J PTFE Stainless Steel Guidewire
- One 0.035” x 55cm Stainless Steel Guidewire
- One Three-Way Stopcock
- One Male Luer Cap
- One 6ft Catheter Extender Tubing

0.018” x 145cm 3mm J PTFE Stainless Steel Guidewire (Box of 5) 0684-00-0254-16

0.035” x 55cm Introducer Sheath Guidewire (Box of 5) 0684-00-0254-17

7Fr. Sheath and Dilator Set 0684-00-0403-06

Catheter Extender for 40cc and 34cc IABs only (Box of 10) 0684-00-0186