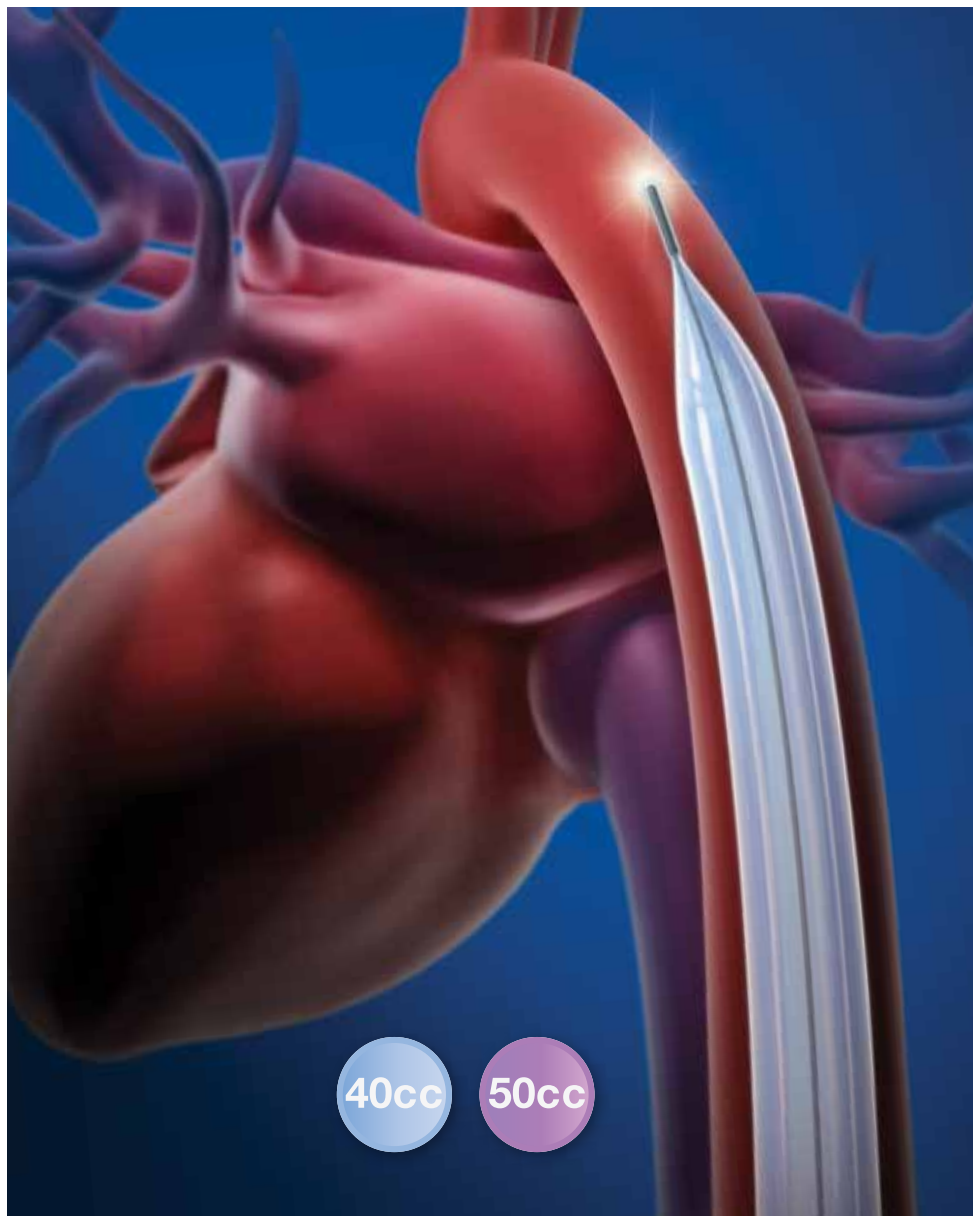


SENSATION PLUS®  
Higher Efficacy Fiber-optic IABs

MAQUET  
GETINGE GROUP



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# Higher Efficacy Fiber-optic IABs

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**SENSATION PLUS®** is a technological first in improved hemodynamic support, offering all the benefits of Maquet's easy-to-use IAB fiber-optic technology with the increased clinical effectiveness that larger volume IABs offer. Faster set-up and easier patient management come standard.

**Unique automatic *in vivo* calibration:**  
Maquet offers a 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.

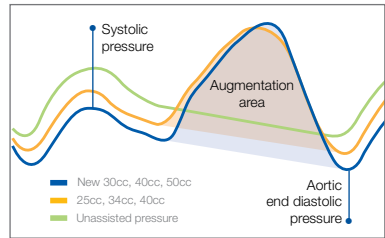
**A new level of support.**  
**A new standard of care.**



# Exceptional Benefits

## Greater hemodynamic support

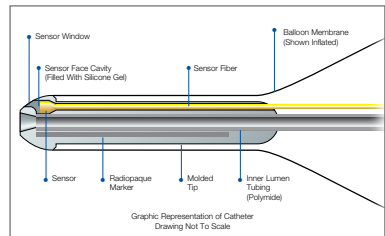
- More blood volume displacement
- More diastolic augmentation
- More systolic unloading



*Hemodynamic Comparison\**

## Fiber-optic Technology

- Faster time to therapy
- Automatic *in vivo* calibration
- Instantaneous signal transmission
- Crisp, clean arterial pressure waveform



*Representation of Catheter tip*

## STATLOCK® IAB included

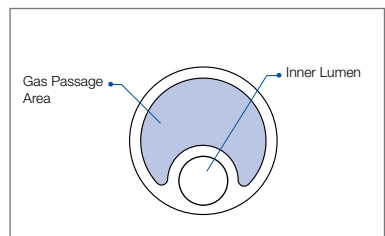
- Eliminates suture-securement needle sticks and suture-wound complications
- Patient comfort and safety
- Quick and easy application and removal



*STATLOCK® IAB Stabilization Device*

## Advanced IAB design and membrane

- One guidewire (0.025") for sheathed or sheathless IAB catheter insertion
- No step-down due to unique balloon wrap
- Co-lumen design for optimal gas passage
- Large 0.027" inner lumen for a reliable pressure transducer signal
- Proprietary IAB membrane: 43% more abrasion resistance\*, reduced insertion force and immediate inflation at start-up



*Co-lumen design*

\* Bench testing completed by Maquet. Data on file. Bench test results are not necessarily predictive of clinical results.

# New Sizing Guidelines

## Why are the NEW sizes better for my patient?

Larger volume balloons like SENSATION PLUS displace more blood in the aorta during diastole, resulting in improved augmentation and unloading.

With these new sizing guidelines, a larger patient population can benefit from greater hemodynamic support than ever before.

Thus, why not consider using a higher efficacy IAB as your **FIRST** choice when hemodynamic support is needed?



## Comparison of Balloon Specifications

The larger volume SENSATION PLUS 40cc and 50cc balloons offer greater support when compared to 34cc and 40cc.

Specifications	SENSATION PLUS	SENSATION	SENSATION PLUS	SENSATION
Balloon Size	40cc	34cc	50cc	40cc
Patient Height	5'0" to 5'4" (152-162cm)	5'0" to 5'4" (152-162cm)	5'4" & taller (≥162cm)	5'4" to 6'0" (162-183cm)
Catheter/ Sheath Size	7.5Fr.	7Fr.	8Fr.	7Fr.
Balloon Diameter	16mm	15mm	17.4mm	15mm
Balloon Length	229mm	221mm	258mm	258mm
Guidewire	0.025"	0.018" / 0.035"	0.025"	0.018" / 0.035"
Inner Lumen	0.027"	0.020"	0.027"	0.020"

*Note: This information is to be used as a guidance only. Clinical information and patient factors such as torso length should be considered when selecting the appropriate balloon size.*

## Ordering Information

Product	Part Number
SENSATION PLUS 7.5Fr. 40cc Fiber-Optic Balloon Catheter, Insertion Kit and Two STATLOCK <sup>®</sup> IAB devices	0684-00-0568-01
SENSATION PLUS 8Fr. 50cc Fiber-Optic Balloon Catheter, Insertion Kit and Two STATLOCK <sup>®</sup> IAB devices	0684-00-0576-01
Accessories	Part Number
SENSATION PLUS 7.5Fr. 40cc Insertion Kit ONLY	0884-00-0019-22
SENSATION PLUS 8Fr. 50cc Insertion Kit ONLY	0884-00-0019-23
<i>SENSATION PLUS Insertion Kits include:</i>	
- 6" (15cm) Reinforced Introducer Sheath with hemostasis valve	
- One Introducer Dilator	
- One Vessel Dilator	
- One 18 gauge Angiographic Needle	
- One 0.025" x 145cm 3mm J PTFE Stainless Steel Guidewire	
- One Male Luer Cap	
- One Three-Way Stopcock	
- Two 4' Pressure Tubings	
- One 6'0" Catheter Extender Tubing (40cc ONLY)	
- One 5'7" Catheter Extender Tubing (50cc ONLY)	
0.025" x 145cm 3mm J PTFE Stainless Steel Guidewire (5 Pack)	0684-00-0254-09
0.025" x 175cm 3mm J PTFE Stainless Steel Guidewire (5 Pack)	0684-00-0254-14
0.025" x 260cm 3mm J PTFE Stainless Steel Guidewire (5 Pack)	0684-00-0254-15
7.5Fr. Sheath and Dilator Set	0684-00-0403-05
8Fr. Sheath and Dilator Set	0684-00-0403-10
6'0" Catheter Extender Tubing for 34cc and 40cc IABs (10 Pack)	0684-00-0186
5'7" Catheter Extender Tubing for 50cc IABs (10 Pack)	0684-00-0526
STATLOCK <sup>®</sup> for Maquet IAB Securement (1 Box contains 20 single pouches)	0684-00-0472
Arrow Pump Adapter for 25cc to 40cc IABs (5 pack)	0684-00-0510-01
Arrow Pump Adapter for 50cc IABs (5 pack)	0684-00-0510-02

## Configuration

Materials	Packaging	Cycle Life
All balloon catheters, insertion kits and STATLOCK <sup>®</sup> IAB Stabilization Devices meet FDA and ISO biocompatibility guidelines for devices and materials. SENSATION PLUS catheters, insertion kits and STATLOCK <sup>®</sup> IAB devices do not contain latex.	Every IAB catheter, insertion kit and STATLOCK <sup>®</sup> IAB device has been individually placed in a single pouch, sealed and sterilized.	1 procedure

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**MAQUET**  
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**GETINGE GROUP**

Getinge 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.