

**WE WROTE THE BOOK ON IAB CATHETERS  
NOW WE'VE REWRITTEN THE CHART**

CARDIOVASCULAR



**INTRA-AORTIC BALLOON  
NEW CLINICAL REFERENCE SIZING GUIDE**

**25cc**

Approx. ht: < 5'0"  
(<152cm)

**34cc**

Approx. ht: 5'0" to 5'4"  
(152cm - 162cm)

**40cc**

Approx. ht: 5'4" to 6'0"  
(162cm - 183cm)

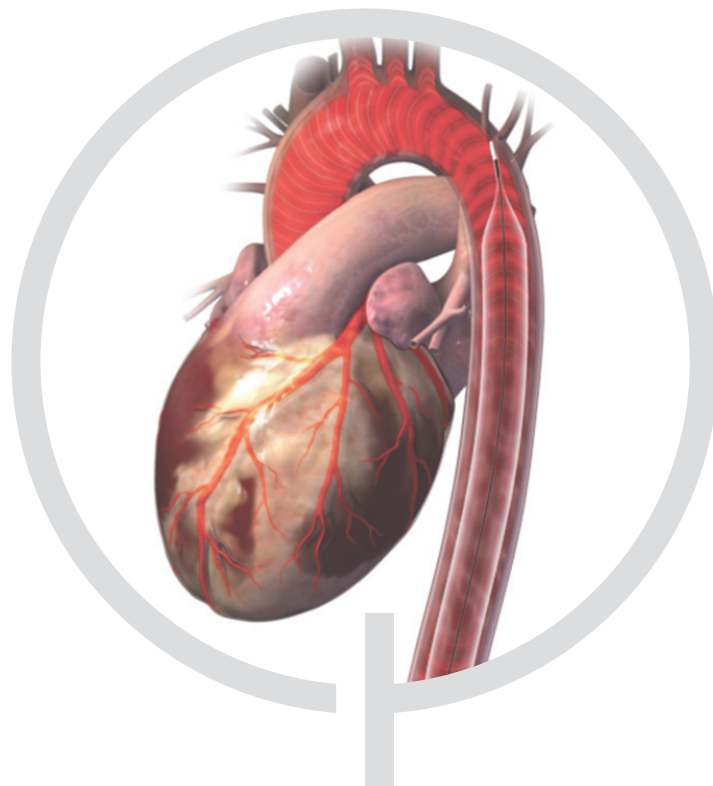
**NEW**

**50cc**

**MEGA 50cc**  
Approx. ht: >= 5'4"  
(>=162cm)

6'  
5'  
4'

## WELCOME TO THE WORLD OF MAQUET CARDIOVASCULAR AND THE NEW MEGA™ 8Fr. 50cc IAB CATHETER



### **Cardiac professionals have always relied on Gold Standard Cardiac Assist products from Datascope.**

Now that Datascope is part of MAQUET Cardiovascular, we are even better positioned to advance patient care technologies while maintaining an exceptional level of clinical support and quality service.

**MAQUET offers a range of convenient and innovative clinical solutions for counterpulsation therapy**, including our latest breakthrough: the MEGA 8Fr. 50cc intra-aortic balloon catheter. The MEGA has the smallest 50cc IAB shaft design available on the market today, and a smaller catheter size can reduce the risk for vascular complications. An ideal

choice for patients 5'4" (162cm) and taller, it also delivers 25% more blood volume displacement than 40cc IABs while offering improved unloading and augmentation.\*

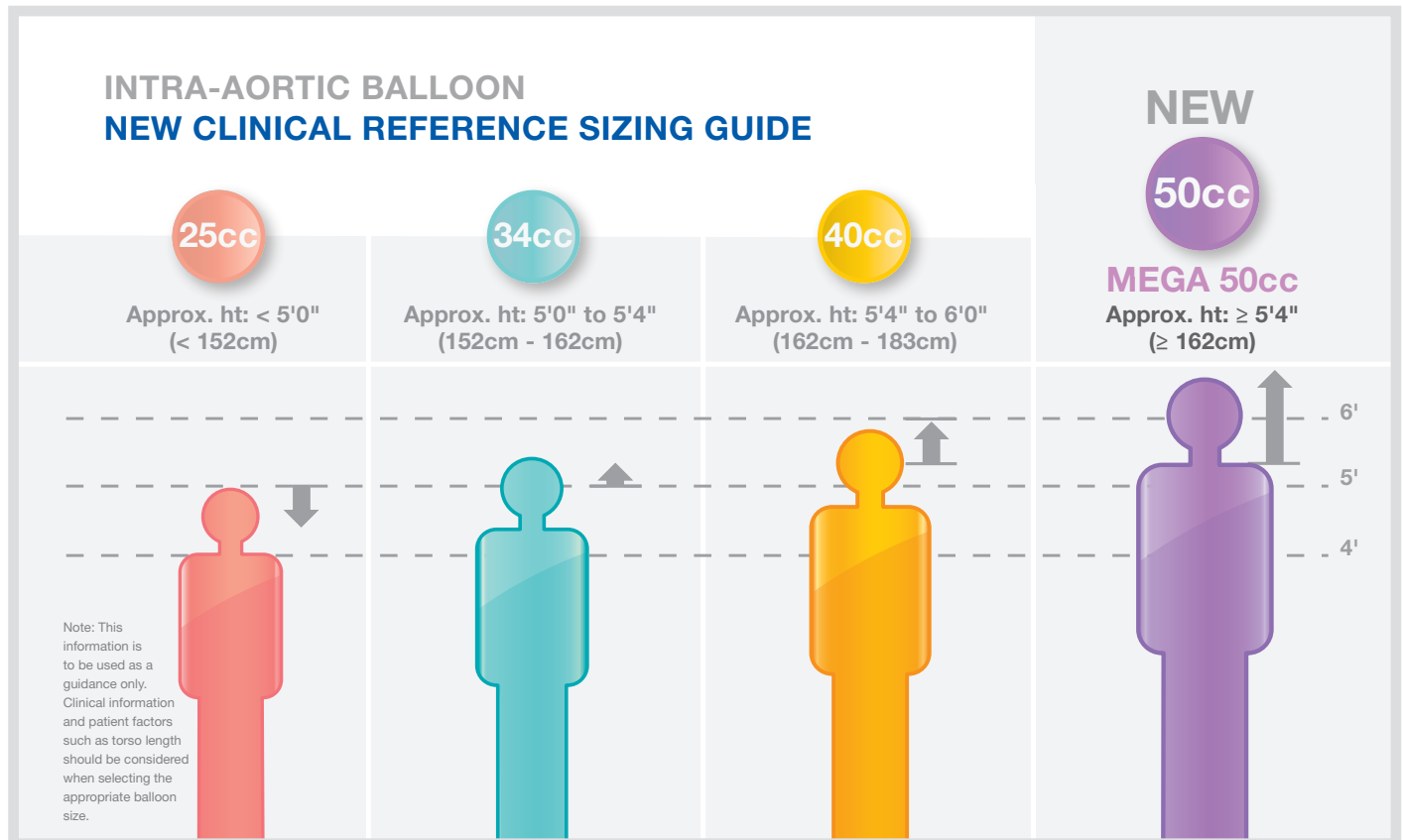
**MAQUET strives to be the first choice of physicians performing cardiovascular procedures** by providing products designed to help improve the lives of patients with specific cardiovascular therapy needs. Because the MEGA may be used in place of traditional 50cc or 40cc IABs, it provides physicians with additional flexibility and benefits when establishing treatment plans for each individual patient.

MAQUET – The Gold Standard.

## WE WROTE THE BOOK ON IAB CATHETERS NOW WE'VE REWRITTEN THE CHART

**It's time for a new frame of reference** when selecting the right intra-aortic balloon for counterpulsation therapy. Introducing the MEGA™ 8Fr. 50cc IAB: the world's first 50cc IAB catheter on a true 8Fr. shaft – introduced by MAQUET, a proven leader in cardiovascular technology.

**New height and sizing guidelines** for patients 5'4" (162cm) and taller, the benefits of a 50cc IAB are now available for smaller patients. The MEGA spans the IAB clinical reference sizing chart. An ideal replacement for traditional 50cc IABs, the MEGA also offers advantages for physicians using 40cc catheters. In fact, it delivers 25% more blood volume displacement than 40cc IABs while offering improved unloading and augmentation.\*

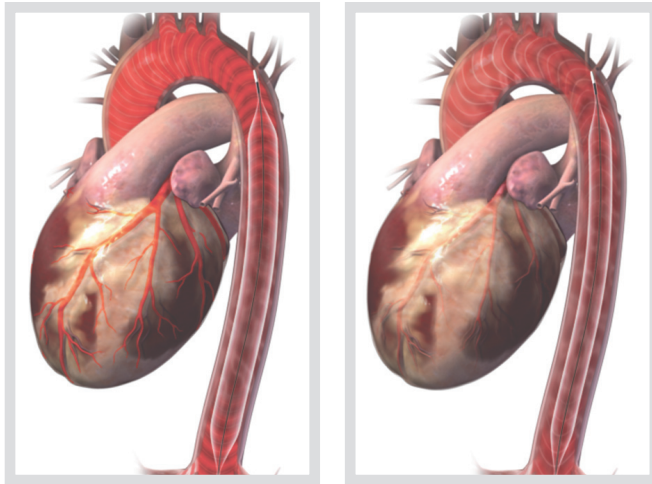


**MEGA™ FEATURES**

**Improved Performance Compared to 40cc IABs –**

The MEGA IAB delivers 50cc at a comparable cycle time to 40cc IABs, while offering:

- 25% more blood volume displacement\*
- Improved unloading and augmentation\*



MEGA 8Fr. 50cc: 25% more blood volume displacement

40cc

**Greater Options** – Depending on clinician preference, the MEGA:

- May be inserted sheathless or through an 8Fr. sheath
- Replaces traditional 50cc IABs, and can also be used for patients needing greater augmentation

**Smaller is Better** – The unique balloon wrap provides a true 8Fr. profile. The catheter cross sectional area for the MEGA is 24% smaller than a 10.5Fr. IAB\* – and a smaller catheter size can:

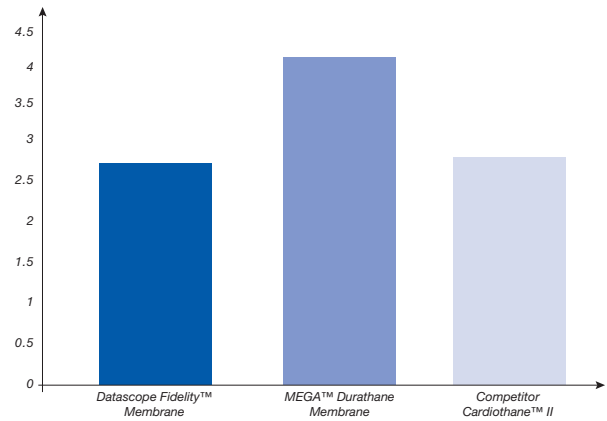
- Improve distal limb blood flow\*
- Lower ischemia rates\*

**Safety Features** – As with other MAQUET IABs, the MEGA has a number of built-in safety features:

- T-handle protector keeps the membrane tightly wrapped prior to use
- The twist-lock hub reduces dilator to sheath separation

**MEGA consists of a Premium Durathane Blow-Molded Balloon Membrane that offers:**

- Abrasion resistance improved 43%\*
- Improved fatigue resistance\*
- Reduced insertion force\*
- Immediate inflation at start-up\*



Abrasion Resistance in different membranes

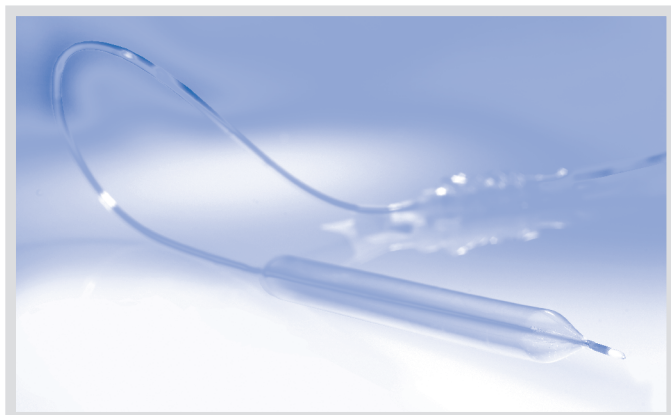
\* Based on in-vitro bench top testing, data on file.

## ORDERING INFORMATION

Product	Part Number
MEGA 8Fr. 50cc IAB Catheter	0684-00-0498-01
MEGA 8Fr. 50cc IAB Catheter with Arrow Pump Adapter	0684-00-0498-02
MEGA 8Fr. 50cc Insertion Kit MAQUET Insertion Kit includes: 6" (15cm) Reinforced Sheath Introducer with Dilator One 18 gauge Angiographic Needle One Stepped Dilator One 0.025" x 145cm 3mm J PTFE Stainless Steel Guidewire One Male Luer Lock Cap One Three-Way Stopcock Two 4ft (122cm) Length Pressure Tubing One 5'7" Catheter Extender Tube	0884-00-0019-17
0.025" x 145cm 3mm J PTFE Stainless Steel Guidewire (Box of 5)	0684-00-0254-09
0.025" x 175cm 3mm J PTFE Stainless Steel Guidewire (Box of 5)	0684-00-0254-14
0.025" x 260cm 3mm J PTFE Stainless Steel Guidewire (Box of 5)	0684-00-0254-15
8Fr. Sheath and Dilator Set	0684-00-0403-01
5'7" Catheter Extender Tube (MEGA 8Fr. 50cc only) (10 Pack Extenders in a box)	0684-00-0526
Arrow Pump Adapter for the MEGA 8Fr. 50cc (Box of 5)	0684-00-0510-02

## CONFIGURATION

Materials	Packaging	Cycle Life
All balloon and catheter materials meet FDA and ISO biocompatibility guidelines for devices and materials. MEGA™ 8Fr. 50cc IAB catheters and insertion kits do not contain latex.	One pouch sterile, corner peel	1 procedure



MEGA 8Fr. 50cc: intra-aortic balloon

# MAQUET

## GETINGE GROUP

Datascope Corp.  
15 Law Drive  
Fairfield, NJ 07004, USA  
Tel +1 973 244 6100  
Fax +1 973 244 6279

**For local contact:**  
Please visit our website  
[www.datascope.com](http://www.datascope.com)  
[www.maquet.com](http://www.maquet.com)

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 and prevention within healthcare and life sciences. MAQUET specializes in solutions, therapies and products for surgical interventions and intensive care.