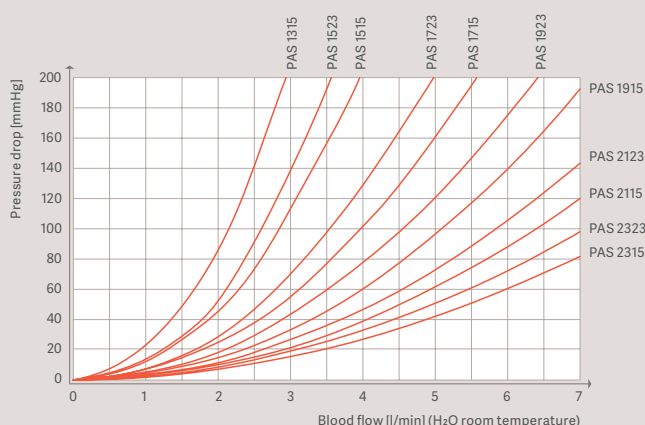
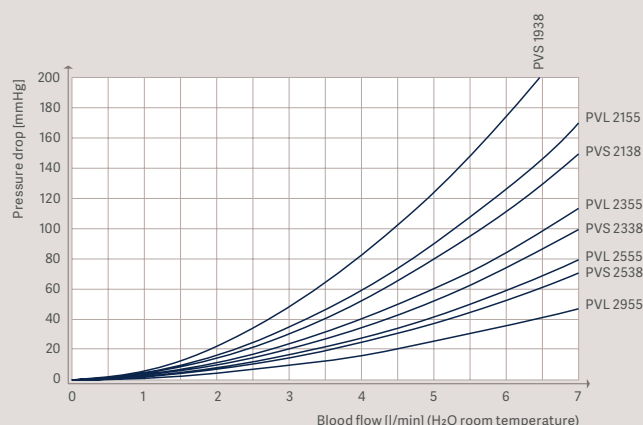


Pressure drop for all arterial HLS Cannulae 3/8"



Pressure drop for all venous HLS Cannulae 3/8"



Product order details arterial HLS cannulae

Type	Outer diameter	Insertion length	Side holes	Perforation length	Connector	Bioline Coating
PAS 1315	13 Fr (4.3 mm)	15 cm	2	1 cm	3/8" LL	BE-PAS 1315
PAS 1515	15 Fr (5.0 mm)	15 cm	2	1 cm	3/8" LL	BE-PAS 1515
PAS 1715	17 Fr (5.7 mm)	15 cm	2	1 cm	3/8" LL	BE-PAS 1715
PAS 1915	19 Fr (6.3 mm)	15 cm	2	1 cm	3/8" LL	BE-PAS 1915
PAS 2115	21 Fr (7.0 mm)	15 cm	2	1 cm	3/8" LL	BE-PAS 2115
PAS 2315	23 Fr (7.7 mm)	15 cm	2	1 cm	3/8" LL	BE-PAS 2315
PAL 1523	15 Fr (5.0 mm)	23 cm	2	1 cm	3/8" LL	BE-PAL 1523
PAL 1723	17 Fr (5.7 mm)	23 cm	2	1 cm	3/8" LL	BE-PAL 1723
PAL 1923	19 Fr (6.3 mm)	23 cm	2	1 cm	3/8" LL	BE-PAL 1923
PAL 2123	21 Fr (7.0 mm)	23 cm	2	1 cm	3/8" LL	BE-PAL 2123
PAL 2323	23 Fr (7.7 mm)	23 cm	2	1 cm	3/8" LL	BE-PAL 2323

One cannula per carton

Product order details venous HLS cannulae

Type	Outer diameter	Insertion length	Side holes	Perforation length	Connector	Bioline Coating
PVS 1938	19 Fr (6.3 mm)	38 cm	12	10 cm	3/8"	BE-PVS 1938
PVS 2138	21 Fr (7.0 mm)	38 cm	12	10 cm	3/8"	BE-PVS 2138
PVS 2338	23 Fr (7.7 mm)	38 cm	16	10 cm	3/8"	BE-PVS 2338
PVS 2538	25 Fr (8.3 mm)	38 cm	20	10 cm	3/8"	BE-PVS 2538
PVL 2155	21 Fr (7.0 mm)	55 cm	20	20 cm	3/8"	BE-PVL 2155
PVL 2355	23 Fr (7.7 mm)	55 cm	20	20 cm	3/8"	BE-PVL 2355
PVL 2555	25 Fr (8.3 mm)	55 cm	24	20 cm	3/8"	BE-PVL 2555
PVL 2955	29 Fr (9.7 mm)	55 cm	32	20 cm	3/8"	BE-PVL 2955

One cannula per carton

Sensation Plus Fiber-optic IAB Catheters

Give patients the clinical effectiveness of a larger volume IAB in an easy-to-use balloon.

Improve patient comfort and safety with the Sensation Plus IAB. Sensation Plus brings innovative fiber-optic technology and greater hemodynamic support to adult patients 5'0" (152 cm) and above. Advanced fiber-optic technology provides accurate and consistent blood pressure indices, faster time to therapy and automatic *in-vivo* calibration.

- Greater hemodynamic support for more systolic unloading and more augmentation.²
- Needle-free securement with the StatLock® IAB Stabilization Device improves patient comfort and safety.



Sensation Plus IAB catheters

Sensation Plus 7.5 Fr. and 8 Fr. Fiber-optic IAB Catheters³

IAB volume	Introducer sheath length	Catheter extender compatible with:	Part Number
50 cc	6" (15 cm)	Getinge/Datascope Systems	0684-00-0576-01
40 cc	6" (15 cm)	Getinge/Datascope Systems	0684-00-0568-01

³ Sensation Plus IAB catheters include Insertion Kits with Introducers and 2 StatLock® IAB devices.

Optional Accessories for Sensation Plus IAB Catheter Insertion Kit

Description	Part Number
Sensation Plus 8 Fr. 50 cc Insertion Kit only	0884-00-0019-23
Sensation Plus 7.5 Fr. 40 cc Insertion Kit only	0884-00-0019-22

Sensation Plus Insertion Kit includes:

- One 6" (15 cm) reinforced introducer sheath with hemostasis valve
- One introducer dilator
- One vessel dilator
- One 18 gauge angiographic needle
- One 0.025" x 145 cm 3 mm J PTFE stainless steel guidewire
- One male luer cap
- One three-way stopcock
- Two 4' pressure tubings
- One 6'0" catheter extender tubing (40 cc ONLY)
- One 5'7" catheter extender tubing (50 cc ONLY)

² Bench testing completed by Getinge. Data on file. Bench test results are not necessarily predictive of clinical results.

Mega IAB Catheters Lot: 106-107

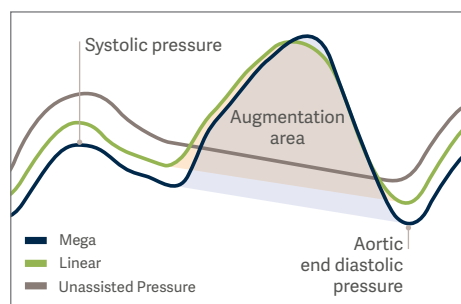
Greater hemodynamic support and efficacy for all patients

With the Mega IAB, a larger patient population can now benefit from greater hemodynamic support. Consider a higher-efficiency IAB as your first choice for hemodynamic support.

- Larger-volume balloons displace more blood in the aorta during diastole for improved diastolic augmentation and systolic unloading.
- Eliminate suture-securement needle sticks and suture wound complications with StatLock® IAB, now included with Mega IAB for increased patient comfort and safety.
- Proprietary IAB membrane offers 43% more abrasion resistance, reduced insertion force and immediate inflation at start-up for better clinical outcomes.
- No step-down due to unique balloon wrap, reducing trauma to the vessel wall during insertion and removal.
- Co-lumen design provides optimal gas passage for faster inflation and deflation of the IAB.
- Large 0.027" inner lumen supports a reliable pressure transducer signal.



Mega IAB catheters



Hemodynamic Comparison⁵ Bench testing results

Mega 7.5 Fr. and 8 Fr. IAB Catheters⁶

IAB Volume	Introducer sheath length	Catheter extender compatible with:	Part Number
50 cc	6" (15 cm)	Getinge/Datascope Systems	0684-00-0296-01
40 cc	6" (15 cm)	Getinge/Datascope Systems	0684-00-0295-01
30 cc	6" (15 cm)	Getinge/Datascope Systems	0684-00-0294-01

⁶All Mega IAB catheters Include Insertion Kits with Introducers and 2 StatLock® IAB devices.

IAB Volume	Introducer sheath length	Catheter extender compatible with:	Part Number
50 cc	6" (15 cm)	Arrow (Kontron)	0684-00-0296-02
40 cc	6" (15 cm)	Arrow (Kontron)	0684-00-0295-02
30 cc	6" (15 cm)	Arrow (Kontron)	0684-00-0294-02

⁶All Mega IAB catheters Include Insertion Kits with Introducers and 2 StatLock® IAB devices.

Optional Accessories for Mega IAB Catheters Insertion Kit

Description	Part Number
Mega 8 Fr. 50 cc Insertion Kit for sheathless/sheathed insertion	0884-00-0019-17
Mega 7.5 Fr. 30 cc/40 cc Insertion Kit for sheathless/sheathed insertion	0884-00-0019-21

Mega Insertion Kits include:

- One 6" (15 cm) reinforced introducer sheath with hemostasis valve
- One introducer dilator
- One vessel dilator
- One 18 gauge angiographic needle
- One 0.025" x 145 cm 3 mm J PTFE stainless steel guidewire
- One male luer cap
- One three-way stopcock
- Two 4' (122 cm) pressure tubings
- One 5'6" catheter extender tubing (30 cc/40 cc ONLY)
- One 5'7" catheter extender tubing (50 cc ONLY)

⁵ Bench testing completed by Getinge. Data on file. Bench test results are not necessarily predictive of clinical results.

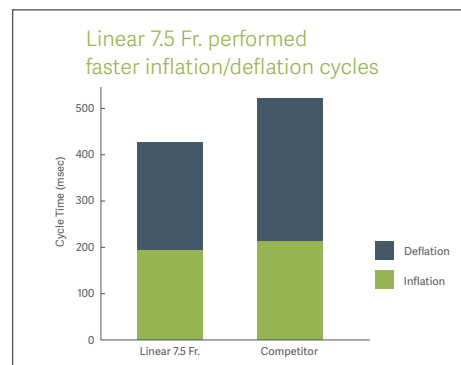
Linear IAB Catheters

Smaller profile, big performance⁷

In IAB therapy, proper timing of inflation and deflation within the cardiac cycle is critical to patient outcomes.

In bench testing, Linear 7.5 Fr. IAB catheters demonstrated faster inflation and deflation cycles than the competition.

- Linear has 19% faster cycle time in 80° bend test method compared to a competitor IAB catheter.
- Faster gas shuttle performance offers better support for rapid heart rates and arrhythmias.



Linear 7.5 Fr. IAB Catheters⁸

IAB Volume	Introducer sheath length	Catheter extender compatible with:	Part Number
40 cc	6" (15 cm)	Getinge/Datascope Systems	0684-00-0480-01
34 cc	6" (15 cm)	Getinge/Datascope Systems	0684-00-0479-01
25 cc	6" (15 cm)	Getinge/Datascope Systems	0684-00-0478-01

⁸All Linear IAB catheters Include Insertion Kits with Introducers

IAB Volume	Introducer sheath length	Catheter extender compatible with:	Part Number
40 cc	6" (15 cm)	Arrow (Kontron)	0684-00-0480-02
34 cc	6" (15 cm)	Arrow (Kontron)	0684-00-0479-02
25 cc	6" (15 cm)	Arrow (Kontron)	0684-00-0478-02

⁸All Linear IAB catheters include Insertion Kits with Introducers

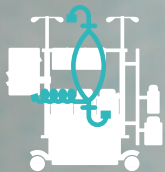
Optional Accessories for Linear 7.5 Fr. IAB Catheters 40 cc and 34 cc Insertion Kit

Description	Part Number
Linear 7.5 Fr. 40 cc and 34 cc Insertion Kit for Sheathless/Sheathed Insertion	0884-00-0019-13

Linear 40 cc and 34 cc Insertion Kit includes:

- One 7.5 Fr. 6" (15 cm) reinforced introducer sheath with hemostasis valve
- One introducer dilator
- One vessel dilator
- One 18 gauge angiographic needle
- One 0.025" x 145 cm 3 mm J PTFE stainless steel guidewire
- One male luer cap
- One three-way stopcock
- Two 4' (122 cm) pressure tubings
- One 6' catheter extender tubing

⁷ Bench testing completed by Getinge. Data on file. Bench test results are not necessarily predictive of clinical results.



Machine sets



Table sets



Cardioplegia sets



Hemoconcentrator sets



Additional components and lines



Perfusion simplified

with the modular tubing set approach
by Getinge

This document is intended to provide information to an international audience outside of the US.

GETINGE 

Combined expertise

to make perfusion simpler

The combined expertise of perfusionists and Getinge is the basis for creation of the modular tubing sets. These sets comply with international standards of practice, adhering to minimum safety considerations for the safe conduct of surgical perfusion. Modular tubing sets are the first step to make perfusion easier, faster and safer.

Modular tubing sets ensure a quality standard in production, configuration and validation

The various modules have been intensively tested and validated at Getinge. Drawing approvals, documentation or verification for quality assurance are now a thing of the past.

In addition, Getinge ensures that the modular tubing sets comply with the guidelines for minimum system requirements and risk analysis for the Getinge Heart-Lung Machine HL 40. These guidelines have been developed by perfusionists and aligned with international perfusion recommendations in Europe, North America and Asia.

Modular tubing sets are pre-produced and available from stock

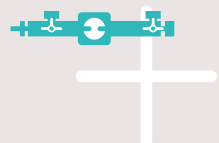
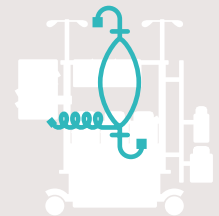
A further advantage of modular tubing sets is the continuous availability. Availability is normally given within two working days. This facilitates sustainable planning and inventory management.

When selecting modules, the new digital product catalog for modular tubing sets is available to help. The e-catalog contains a detailed overview of the individual modules and customized configuration of these modules is possible. Various calculators, such as priming volume or surface area in contact with blood, are also available.

Stay flexible with modular tubing sets

The modules contain all the essential components you need for an extra-corporeal circuit. The combination of modules is completely customizable.

Modules consists of table sets, machine sets, hemoconcentrator sets, cardioplegia sets and additional components and lines. Uncoated versions or with Softline Coating are available for adults and small adult patients.



Machine sets

Machine set consists of the disposables and the tubing, which are assembled on the heart-lung machine and carry the perfused blood between the table lines and reservoir, pump, oxygenator.

Main components include the reservoir, the oxygenator with integrated arterial filter and pump lines. Several variations are available as well as additional components and lines.



Table sets

Table set consists of lines, which are connected between the patient and the heart-lung machine lines.

Main components include arterial line, venous line, suction lines, vent lines and pre-bypass filter, if needed. Several variations as well as additional components and lines are available in different lengths depending on where the heart-lung machine is located.



Cardioplegia sets

Cardioplegia set includes the tubing lines and disposable components, which are used for carrying the cardioplegia solution to the heart for myocardial protection.

Getinge has cardioplegia sets for standard cardioplegia solution delivery methods, like blood cardioplegia or crystalloid cardioplegia.



Hemoconcentrator sets

Hemoconcentrator set consists of the inlet and outlet tubing lines, a waste bag and the hemoconcentrator. Several variations are available as well as additional components and lines.



Additional components and lines

Additional components and lines are available for all modules and include accessories and lines such as a Rotaflow Centrifugal Pump RF-32, gas lines, suction lines, pre-bypass filter, pressure dome. Several variations are available depending on size / weight of the patient (tubing diameter).

