



CE Mark Product Catalog





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Optimized Cath Lab Manifold Set-Up

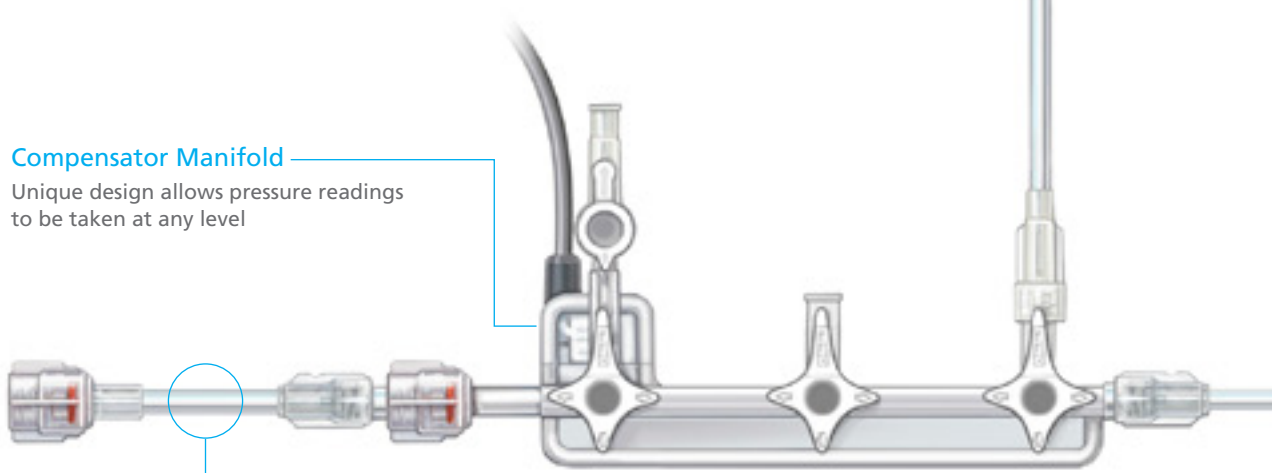
The NAMIC* fluid management system helps you meet the challenges of your cardiac catheterization lab with kits assembled to your specifications for your standard of care.

Optimize your set-up with the Squeeze* contrast controller, Compensator* manifold and closed fluid systems. In today's dynamic medical environment, there's no time to question device quality or the utility of the set-up. That's why NAMIC kits are constructed for confidence in angiographic procedures. Be confident with NAMIC products in your lab and AngioDynamics as your partner in patient care.



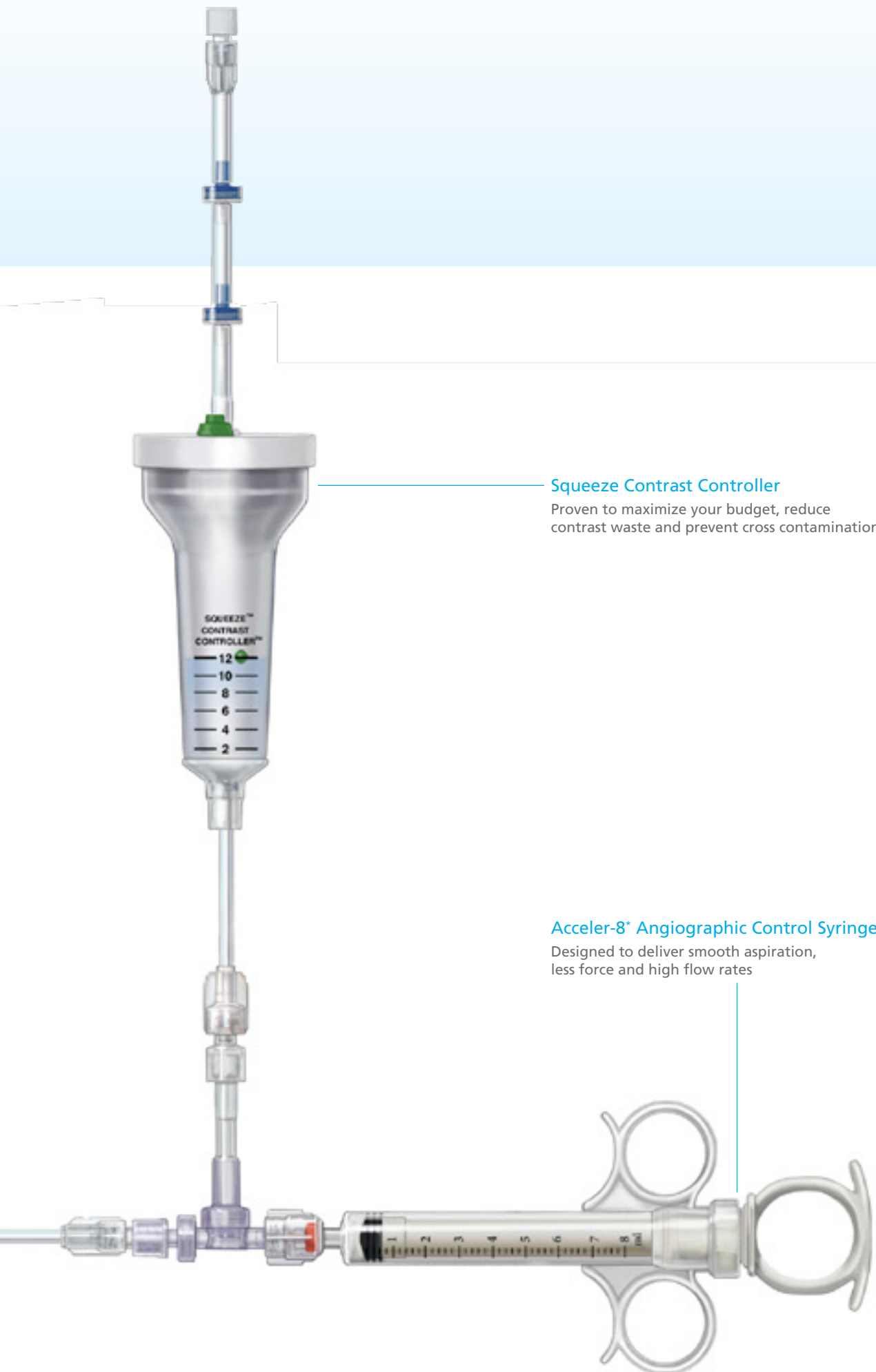
Compensator Manifold

Unique design allows pressure readings to be taken at any level



flexCIL Contrast Injection Line

Flexible, braided high-pressure contrast injection lines available in various lengths to suit your lab's needs



Squeeze Contrast Controller

Proven to maximize your budget, reduce contrast waste and prevent cross contamination

Acceler-8* Angiographic Control Syringe

Designed to deliver smooth aspiration, less force and high flow rates

Optimized Radiology Set-Up

Today's vascular and radiology labs care for patients with more diverse procedures than ever before.

So more than ever, you need devices you can trust and that perform consistently. NAMIC fluid management products from AngioDynamics are designed to meet the true challenges of your practice. Since 1969, NAMIC products have been the most widely used in the industry. With features that answer clinical and operational needs, our products are designed to bring flexibility, quality and choice to your angiographic procedures.

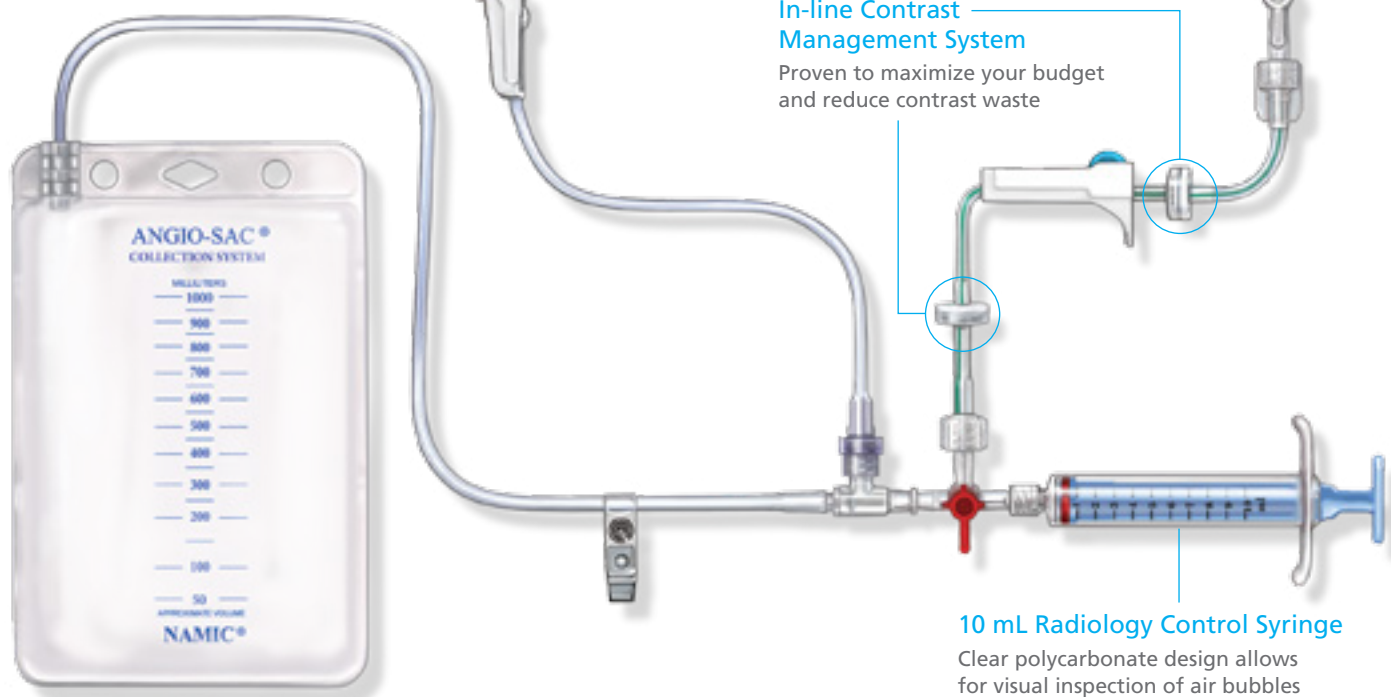


1 Valve Perceptor* Manifold

Uni-body manifold with integral transducer

Protection Station Plus with Contrast Management

Demonstrated to prevent cross-contamination while reducing contrast waste



Angio-Sac® Collection System

Closed fluid system helps minimize exposure to bloodborne pathogens



flexCIL Contrast Injection Line

Flexible, braided high-pressure contrast injection lines available in various lengths to suit your lab's needs

Consult your AngioDynamics representative for country specific product availability.

Images may not represent actual products.

IMPORTANT RISK INFORMATION

Refer to Directions for Use provided with products for indications, complete instructions, warnings, and precautions.

NAMIC COMPENSATOR MANIFOLD

INTENDED USE/INDICATIONS FOR USE:

Physiological pressure transducers are utilized during invasive pressure monitoring, catheterization procedures and fluid delivery.

CONTRAINDICATIONS: None known.

WARNINGS: Do not exceed the following pressures when using this device - Main lumen: Medium Pressure Manifolds – 1379 kPa (200 psi/14bar) Static pressure; High Pressure Manifolds – 3447 kPa (500 psi/35 bar) Static pressure; Transducer Side Port – 41 kPa (6 psi/300 mmHg). Do not use if package is opened or damaged.

PRECAUTIONS: The Compensator line must be completely filled with saline to produce accurate pressure readings. The female luer end of the Compensator line (placed in a compatible mounting plate) must be at heart level in order to produce accurate readings. During fluid injection through the main lumen of the manifold, ensure proper orientation of the handles so that fluid does not enter the side ports. Do not use transducer Zero/Compensator Port as an injection site for fluids.

NAMIC PROTECTION STATION

INTENDED USE/INDICATIONS FOR USE:

The Protection Station is used for syringe flush, fluid administration and waste containment.

CONTRAINDICATIONS: None known.

PRECAUTIONS: LATEX: Refer to the package label for information regarding the presence or absence of latex for a particular product. Use proper aseptic technique while handling this product. Pressurized systems are intended for use with non-vented spikes. If using a vented spike in a pressurized system, close the vent flap. In non-pressurized fluid applications verify that the roller clamp is completely open to allow for the proper flow of the fluid during syringe aspirations. To reduce the possibility of back check valve leakage, limit fluid bag height to 36 inches (91 cm) or less. To prevent fluid loss with pressurized fluid applications, do not pressurize the system until the back check valve is connected to a stopcock, manifold or reflux valve. Do not pressurize the system in excess of 41 kPa (300 mmHg/6 psi).

SQUEEZE CONTRAST CONTROLLER

INTENDED USE/INDICATIONS FOR USE: The purpose of this system is to minimize contrast

waste and allow one container of contrast media to be used on more than one patient.

CONTRAINDICATIONS: None known.

WARNINGS: Maintenance of sterility can only be achieved through proper set-up and use. Use proper aseptic technique when handling this device. Do not attempt to flush contrast media or air bubbles back through the contrast delivery system when the Squeeze Contrast Controller chamber is full of fluid. Flushing back through a full Squeeze chamber could damage the two check valves above the chamber and compromise the sterility of the spike assembly and contrast container. Do not use the spike assembly on more than one container of contrast media. Do not use the tubing assembly on more than one patient. Do not leave the spike assembly intact in a container of contrast for longer than six (6) hours. Do not replace the tubing assembly more than two (2) times. If there is any possibility that contamination may have occurred during set-up or use, disassemble and set up new sterile product. Ensure that you are making secure connections when using this device to prevent the introduction of air into the system that could result in embolism and in rare instances death. All connections should be finger tightened. Over tightening can cause cracks and leaks to occur that could result in embolism and or exposure to biohazards. Examine product carefully for entrapped air and fully debubble prior to injection to minimize the potential for embolism and in rare instances death.

PRECAUTIONS: LATEX: Refer to the package label for information regarding the presence or absence of latex for a particular product. Carefully read these instructions completely prior to use. The chamber must hang vertically for the green ball to operate effectively.

NAMIC PERCEPTOR MANIFOLD

INTENDED USE/INDICATIONS FOR USE:

Physiological pressure transducers are utilized during invasive pressure monitoring, catheterization procedures and fluid delivery.

WARNINGS: This product does not incorporate protection from accidental over pressurization. Over pressurization may permanently impair accuracy of the device. Do not exceed the following pressures when using this device - Main lumen: Medium Pressure Manifolds – 1379 kPa (200 psi/14bar) Static pressure; High Pressure Manifolds – 3447 kPa (500 psi/35 bar) Static pressure; Transducer Side Port – 41 kPa (6 psi/300 mmHg).

NAMIC PROTECTION STATION PLUS, PROTECTION STATION PLUS WITH CONTRAST CONTROLLER CHECK VALVE SYSTEM

INTENDED USE/INDICATIONS FOR USE: The Protection Station Plus and Protection Station Plus with Contrast Controller Check Valve System are used for syringe flush, fluid administration and waste containment. In addition, the Protection Station Plus with Contrast Controller Check Valve System is also used to minimize contrast waste and to allow one container of contrast media to be used on more than one patient.

WARNINGS: Do not attempt to flush contrast media or air bubbles back through the Contrast Controller Check Valve System. The red handled four-way stopcock must be "off" to the Contrast Controller Check Valve system when flushing fluids into ANGIO-SAC™ Collection Bag. Do not use Contrast Controller Spike Assembly on more than one container of contrast media. Do not use Protection Station Plus with Contrast Controller Check Valve System on more than one patient. Do not leave the Contrast Controller Spike Assembly intact in a container of contrast for longer than six (6) hours. Do not replace the Contrast Controller Tubing Assembly more than two (2) times. If there is any possibility that contamination may have occurred during set-up or use, disassemble and set up new sterile product.

PRECAUTIONS: Pressurized systems are intended for use with non-vented spikes. If using a vented spike in a pressurized system, close the vent flap. In non-pressurized fluid applications, verify that the roller clamp is completely open to allow for the proper flow of the fluid during syringe aspirations. To reduce the possibility of backcheck valve leakage, limit fluid bag height to 36 inches (91 cm) or less. Do not pressurize the system in excess of 300 mmHg (6 psi, 41 kPa).

NAMIC ANGIOGRAPHIC CONTROL SYRINGE

INTENDED USE/INDICATIONS FOR USE: The NAMIC Angiographic Control Syringe is intended to be used for the intraarterial or intravenous administration of radiographic contrast media.

CONTRAINDICATIONS: None known.

WARNINGS: Do not store fluid in product. Inject immediately after filling. This syringe does not have a pressure gauge device. Therefore, it is not intended for balloon catheter inflation. Over inflation may result in the rupturing of the balloon.

CAUTION: Federal Law (USA) restricts these devices to sale by or on the order of a physician.



USA > 14 Plaza Drive, Latham, NY 12110 > tel: 800-772-6446 > fax: 518-798-1360 > Canada tel: 800-268-0184
International > Haaksbergweg 75 (Margrietoren), 1101 BR, Amsterdam Z-O > The Netherlands
tel: +31 (0)20 753 2949 > fax: +31 (0)20 753 2939

www.angiodynamics.com

*AngioDynamics, the AngioDynamics logo, NAMIC, the NAMIC logo, Squeeze Contrast Controller, Compensator, Protection Station, Angio-Sac, flexCIL, Acceler-8, Perceptor and Navilyst Medical are trademarks and/or registered trademarks of AngioDynamics, Inc., an affiliate or subsidiary.

Legal Manufacturer:
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26 Forest Street, Marlborough, MA 01752

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Customer Support Programs

Comprehensive Analysis Program

Convenience Kit Program



Comprehensive Analysis Program

Efficiency.
Productivity.
Savings.

The NAMIC* Comprehensive Analysis Program (CAP) is a complimentary assessment designed to provide recommendations to help identify areas of potential waste and increase efficiencies in the lab.

The program includes:

Fluid management product and operational analysis, including:

- Inventory levels assessment
- Usage patterns review
- Annual expenditures examination
- Staff interviews
- Workflow evaluation; optimal kit components

Detailed report, including:

- Wastes identified
- Solutions recommended
- Total spend across all AngioDynamics product lines summarized
- Outline of the impact new efficiencies can have on the bottom line



CAP allows for better fluid management and better patient care.
Contact your AngioDynamics representative to schedule your CAP today.



Convenience Kit Program

The NAMIC Fluid Management Convenience Kit Program is designed to address the needs of clinical teams when a standard kit is not ideal for their angiographic procedures.

Our comprehensive NAMIC Convenience Kit Program provides clinicians with solutions that can help:

- Streamline procedures
- Eliminate the cost of unnecessary supplies
- Provide kit consolidation recommendations
- Facilitate partnerships to provide full solution kits
- Meet department budget guidelines by offering a wide variety of accessories
- Available sterile direct or incorporated into your procedure packs



Consult your AngioDynamics representative for country specific product availability.

Images may not represent actual products.

IMPORTANT RISK INFORMATION

Refer to Directions for Use provided with products for indications, complete instructions, warnings, and precautions.

CAUTION: Federal Law (USA) restricts these devices to sale by or on the order of a physician.



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Manifolds

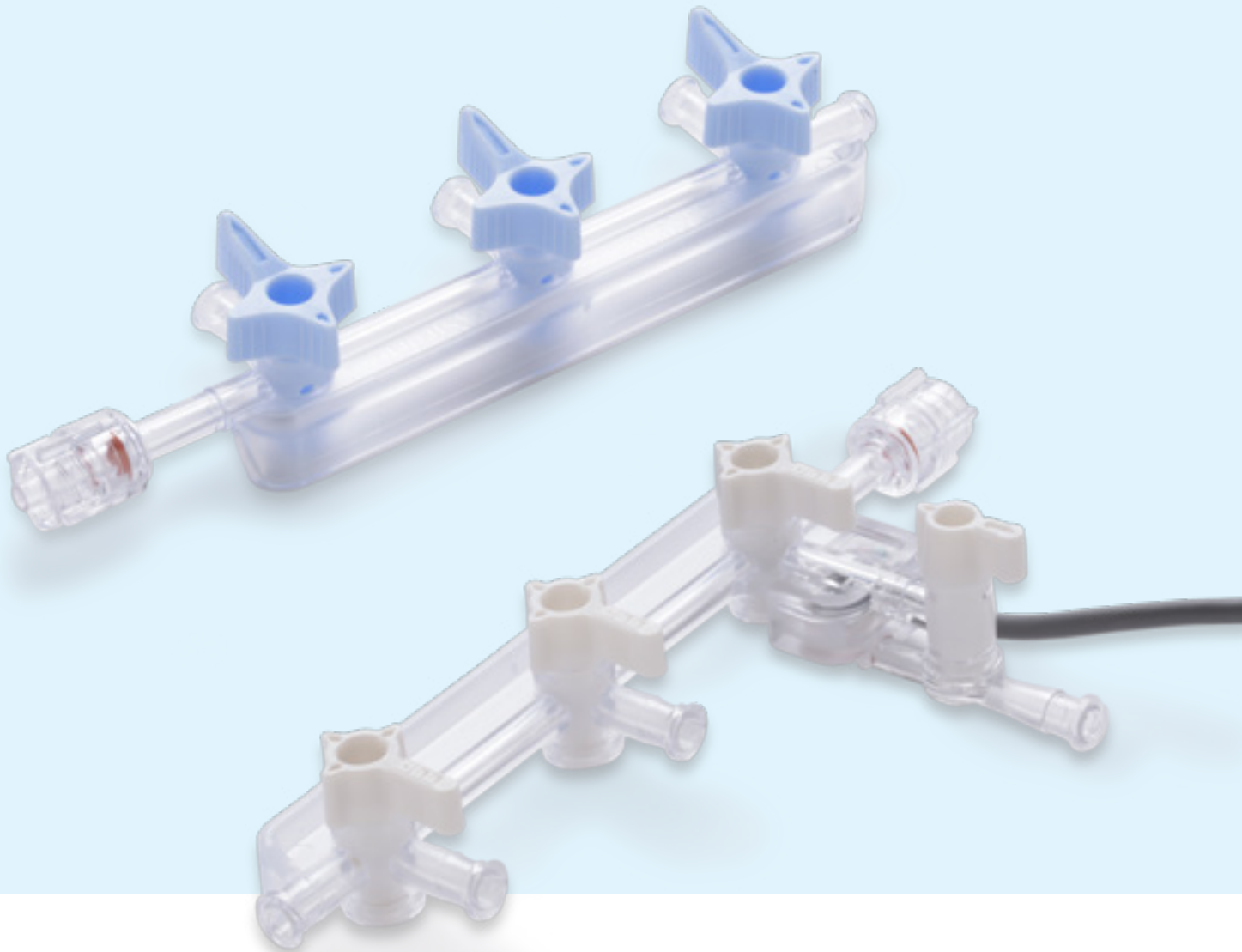
Compensator Manifold

Perceptor Manifold

NAMIC Manifold

Traditional/
Monitoring Manifold

Manifolds

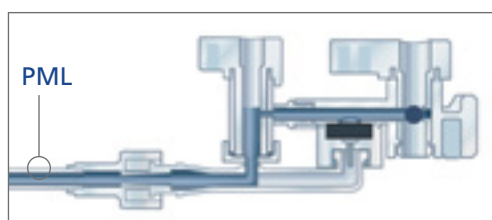


Readings at Any Level. Easier Operation. Increased Waveform Fidelity.

The NAMIC* Compensator* manifold puts greater control in the physician's hand and takes efficiency to a whole new level.

Pressure Readings at Any Level

The pressure monitoring line (PML) compensates for manifold movement to maintain constant pressure readings.



Easier Operation

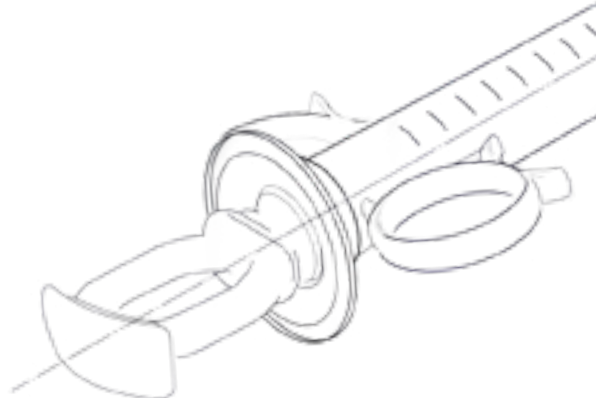
Single operator-controlled re-zeroing and debubbling in the sterile field does not require additional operator assistance.

Fewer Turns

The Compensator manifold requires fewer stopcock manipulations.

Increase in Waveform Fidelity†

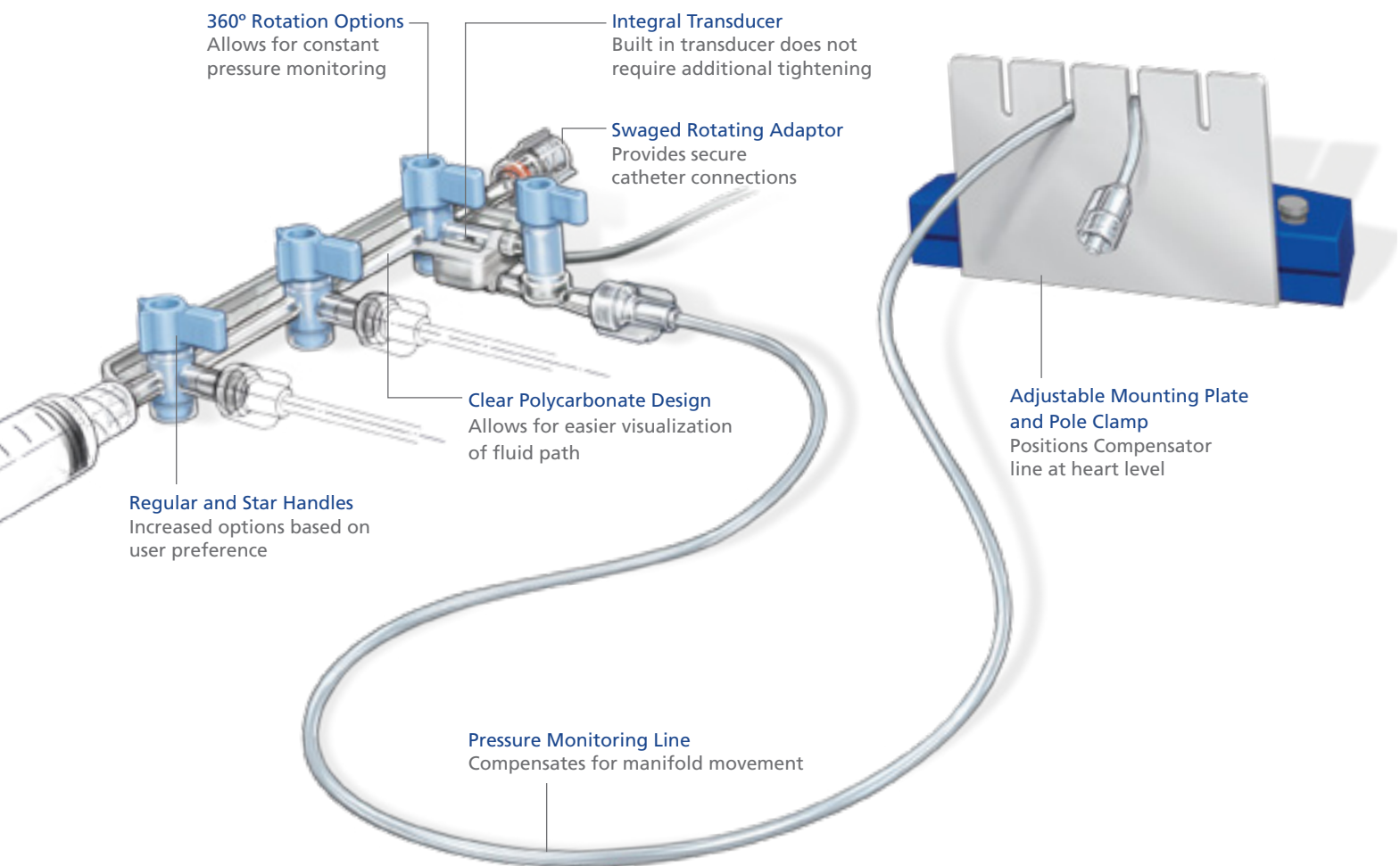
The Compensator manifold outperforms pole-mounted transducers by moving the transducer closer to the patient's heart. Placing the transducer closer to the source of pressure enhances waveform fidelity.



†Data on file.

3-Valve Compensator Manifold

Does not need to be at heart level during procedures

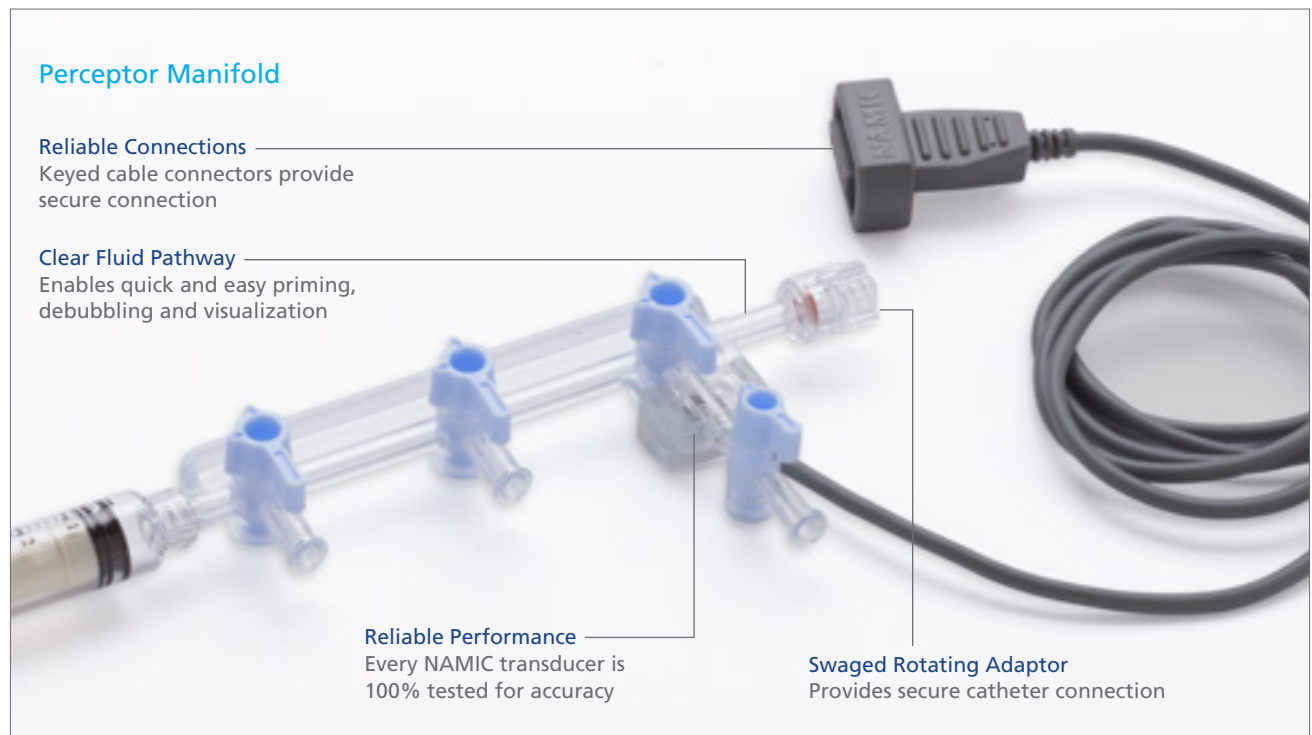


[100% Confidence
Every NAMIC transducer is tested for accuracy.]

Single Operator Control. Simplified Set-Up. Readings at Heart Level.

The NAMIC Perceptor* manifold provides all the benefits of the Compensator manifold while taking readings at heart level.

- Simplifies set up; easy to use
- Can be re-zeroed and debubbled by single operator within sterile field
- Must be at heart level when taking pressures
- Fewer connections
- Does not require a pressure monitoring line (PML)



Manifold Options

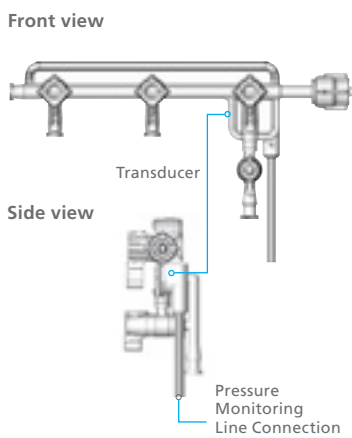
Pressure Rating for Perceptor and Compensator Manifolds

- Medium Pressure Manifolds: 200 psi (14 bar) Static Pressure
- High Pressure Manifolds: 500 psi (35 bar) Static Pressure
- Transducer Side Port: 6 psi (300 mmHg) Static Pressure

Compensator Manifold

Uni-body manifold with integral transducer used with a pressure monitoring line (PML)[†]

- Zero balance manifold/transducer and pressure monitoring line at heart level
- Take pressure readings at any level



As shown: H965700583071

Number of Ports	Left/Right Handed	360 Degree Transducer Manifold Handle	Handle Styles – ON/OFF	Extension Line	Pressure	Convenience Kit Part Number	Customer UPN Number		Units
							Single Sterile Part Number		
1	Right	No	OFF	—	Medium	40258107	H965700581071		Box/10
2	Right	No	OFF	—	Medium	40258207	H965700582071		Box/10
3	Right	No	OFF	—	Medium	40258307	H965700583071		Box/10
4	Right	No	OFF	—	Medium	40258407	H965700584071		Box/10
1	Right	No	ON	—	Medium	40258108	H965700581081		Box/10
2	Right	No	ON	—	Medium	40258208	H965700582081		Box/10
3	Right	No	ON	—	Medium	40258308	H965700583081		Box/10
4	Right	No	ON	—	Medium	40258408	H965700584081		Box/10
2	Left	No	OFF	—	Medium	40258217	H965700582171		Box/10
3	Left	No	OFF	—	Medium	40258317	H965700583171		Box/10
1	Right	Yes	OFF	—	Medium	40411515	H965700583171		N/A
2	Right	Yes	Star OFF	—	Medium	40411207	Not Available		N/A
2	Right	No	Star ON	—	Medium	40411501	Not Available		N/A
2	Right	No	OFF	15cm (6")	Medium	40411529	Not Available		N/A
3	Right	Yes	Star OFF	—	Medium	40411509	Not Available		N/A
3	Right	No	Star OFF	—	Medium	40411503	Not Available		N/A
4	Right	Yes	ON	—	Medium	40411526	Not Available		N/A
4	Right	No	Star OFF	—	Medium	40411508	Not Available		N/A
4	Left	No	OFF	—	Medium	40258417	H965700584171		Box/10

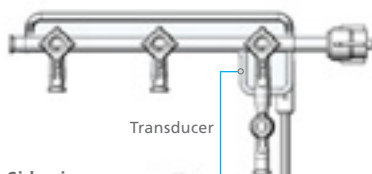
[†]Order pressure monitoring line separately – see pressure monitoring line section for available options.

Perceptor* Manifold

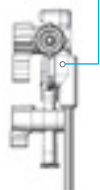
Uni-body manifold with integral transducer

- Does not require a pressure monitoring line
- Zero balance manifold/transducer at heart level
- Take pressure readings at heart level

Front view



Side view



As shown: H965700383071

Number of Ports	Left/Right Handed	360 Degree Transducer Manifold Handle	Handle Styles – ON/OFF	Extension Line	Pressure	Convenience Kit Part Number	Customer UPN Number Single Sterile Part Number	Units
1	Right	Yes	OFF	—	Medium	45710501	Not Available	N/A
2	Right	Yes	ON	—	Medium	40410206	Not Available	N/A
2	Right	Yes	OFF	—	Medium	40410214	Not Available	N/A
3	Right	No	STAR ON	—	High	44039308	H965640393081	Box/10
1	Right	No	STAR OFF	—	High	40337107	H965640371071	N/A
1	Right	No	OFF	—	Medium	40238107	H965700381071	Box/10
2	Right	No	OFF	—	Medium	40238207	H965700382071	Box/10
3	Right	No	OFF	—	Medium	40238307	H965700383071	Box/10
4	Right	No	OFF	—	Medium	40238407	H965700384071	Box/10
1	Right	No	ON	—	Medium	40238108	H965700381081	Box/10
2	Right	No	ON	—	Medium	40238208	H965700382081	Box/10
3	Right	No	ON	—	Medium	40238308	H965700383081	Box/10
4	Right	No	ON	—	Medium	40238408	H965700384081	Box/10
2	Left	No	OFF	—	Medium	40238217	H965700382171	Box/10
3	Left	No	OFF	—	Medium	40238317	H965700383171	Box/10
4	Left	No	OFF	—	Medium	40238417	H965700384171	Box/10
1	Right	No	OFF	—	High	40337107	H749640371071	Box/10
3	Right	No	STAR OFF	—	High	44039307	H965640393071	Box/10

NAMIC Manifold

Uni-body manifold in clear polycarbonate

- Block or finger grip body style



As shown: H965700382021



As shown: H965700363011



As shown: H965640384041



As shown: H965700394021



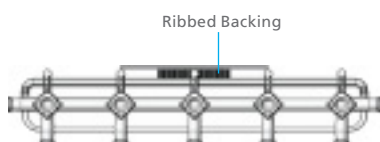
As shown: H965700393131

Number of Ports	Right/Left Handed	Handle Style	ON/OFF Handles	Body Style	Extention Length	Pressure	Convenience Kit Part Number	Customer UPN Number		Units
								Single Sterile Part Number		
2	Right	Regular	OFF	Finger Grip	—	Medium	40238200	H965700382001		Box/25
2	Right	Regular	ON	Finger Grip	—	Medium	40238202	H965700382021		Box/25
3	Right	Regular	OFF	Finger Grip	—	Medium	40238301	H965700383011		Box/25
3	Right	Regular	ON	Finger Grip	—	Medium	40238303	H965700383031		Box/25
4	Right	Regular	OFF	Finger Grip	—	Medium	40238402	H965700384021		Box/25
4	Right	Regular	ON	Finger Grip	—	Medium	40238404	H965700384041		Box/25
2	Right	Regular	OFF	Finger Grip	15 cm (6")	Medium	40236200	H965700362001		Box/25
2	Right	Regular	ON	Finger Grip	15 cm (6")	Medium	40236202	H965700362021		Box/25
3	Right	Regular	OFF	Finger Grip	15 cm (6")	Medium	40236301	H965700363011		Box/25
3	Right	Regular	ON	Finger Grip	15 cm (6")	Medium	40236303	H965700363031		Box/25
2	Right	Star	OFF	Wide	—	Medium	40338200	H965640382001		Box/25
2	Right	Star	ON	Wide	—	Medium	41338202	H965640382021		Box/25
3	Right	Star	OFF	Wide	—	Medium	40338301	H965640383011		Box/25
3	Right	Star	ON	Wide	—	Medium	41338303	H965640383031		Box/25
4	Right	Star	OFF	Wide	—	Medium	40338402	H965640384021		Box/25
4	Right	Star	ON	Wide	—	Medium	41338404	H965640384041		Box/25
2	Right	Regular	OFF	Block	—	Medium	40239200	H965700392001		Box/25
2	Right	Regular	ON	Block	—	Medium	40239202	H965700392021		Box/25
3	Right	Regular	OFF	Block	—	Medium	40239301	H965700393011		Box/25
3	Right	Regular	ON	Block	—	Medium	40239303	H965700393031		Box/25
4	Right	Regular	OFF	Block	—	Medium	40239402	H965700394021		Box/25
4	Right	Regular	ON	Block	—	Medium	40239404	H965700394041		Box/25
2	Right	Regular	OFF	Block	—	High	40237200	H965700372001		Box/25
2	Right	Regular	ON	Block	—	High	40237202	H965700372021		Box/25
3	Right	Regular	OFF	Block	—	High	40237301	H965700373011		Box/25
3	Right	Regular	ON	Block	—	High	40237303	H965700373031		Box/25
4	Right	Regular	OFF	Block	—	High	40237402	H965700374021		Box/25
4	Right	Regular	ON	Block	—	High	40237404	H965700374041		Box/25
2	Left	Regular	OFF	Finger Grip	—	Medium	40238212	H965700382121		Box/25
3	Left	Regular	OFF	Finger Grip	—	Medium	40238313	H965700383131		Box/25
4	Left	Regular	OFF	Finger Grip	—	Medium	40238414	H965700384141		Box/25
2	Left	Regular	OFF	Block	—	Medium	40239212	H965700392121		Box/25
3	Left	Regular	OFF	Block	—	Medium	40239313	H965700393131		Box/25
4	Left	Regular	OFF	Block	—	Medium	40239414	H965700394141		Box/25
2	Left	Regular	OFF	Block	—	High	40237212	H965700372121		Box/25
3	Left	Regular	OFF	Block	—	High	40237313	H965700373131		Box/25
4	Left	Regular	OFF	Block	—	High	40237414	H965700374141		Box/25

Traditional/Monitoring Manifold

Ribbed back allows for manifold to be pole mounted

- Block style
- All female ports
- Manifold is typically mounted on the pole[§]



As shown: H965700393551

Total Ports [¶]	Side Ports	Port Fittings	Handle Style	ON/OFF Handles	Convenience Kit Part Number	Customer UPN Number	Units
						Single Sterile Part Number	
4	2	All Female	Regular	OFF	40239352	H965700393521	Box/25
5	3	All Female	Regular	OFF	40239353	H965700393531	Box/25
6	4	All Female	Regular	OFF	40239354	H965700393541	Box/25
7	5	All Female	Regular	OFF	40239355	H965700393551	Box/25

[§]Utilizes clamp H965640002700

[¶]Includes both end ports

Traditional/Monitoring Manifold Accessories



As shown: H965640002700

Description	Customer UPN Number Single Sterile Part Number	Units
Holder for single monitoring manifold	H965640002700	Each

Consult your AngioDynamics representative for country specific product availability.

Images may not represent actual products.

IMPORTANT RISK INFORMATION

Refer to Directions for Use provided with products for indications, complete instructions, warnings, and precautions.

NAMIC COMPENSATOR MANIFOLD

INTENDED USE/INDICATIONS FOR USE: Physiological pressure transducers are utilized during invasive pressure monitoring, catheterization procedures and fluid delivery.

CONTRAINDICATIONS: None known.

WARNINGS: Do not exceed the following pressures when using this device - Main lumen: Medium Pressure Manifolds – 1379 kPa (200 psi/14bar) Static pressure; High Pressure Manifolds – 3447 kPa (500 psi/35 bar) Static pressure; Transducer Side Port – 41 kPa (6 psi/300 mmHg). Do not use if package is opened or damaged.

PRECAUTIONS: The Compensator line must be completely filled with saline to produce accurate pressure readings. The female luer end of the Compensator line (placed in a compatible mounting plate) must be at heart level in order to produce accurate readings. During fluid injection through the main lumen of the manifold, ensure proper orientation of the handles so that fluid does not enter the side ports. Do not use transducer Zero/Compensator Port as an injection site for fluids.

NAMIC PERCEPTOR MANIFOLD

INTENDED USE/INDICATIONS FOR USE: Physiological pressure transducers are utilized during invasive pressure monitoring, catheterization procedures and fluid delivery.

WARNINGS: This product does not incorporate protection from accidental over pressurization. Over pressurization may permanently impair accuracy of the device. Do not exceed the following pressures when using this device - Main lumen: Medium Pressure Manifolds – 1379 kPa (200 psi/14bar) Static pressure; High Pressure Manifolds – 3447 kPa (500 psi/35 bar) Static pressure; Transducer Side Port – 41 kPa (6 psi/300 mmHg).

NAMIC DEVICES: MANIFOLDS

INTENDED USE/INDICATIONS FOR USE: These devices are intended to be used in fluid management and/or invasive pressure monitoring systems.

CONTRAINDICATIONS: None known.

CAUTION: Federal Law (USA) restricts these devices to sale by or on the order of a physician.



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tel: +31 (0)20 753 2949 > fax: +31 (0)20 753 2939

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Legal Manufacturer:
Navilyst Medical, Inc.,
26 Forest Street, Marlborough, MA 01752

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Syringes & Stopcocks

Angiographic Control Syringes

Radiology Control Syringes

Stopcocks

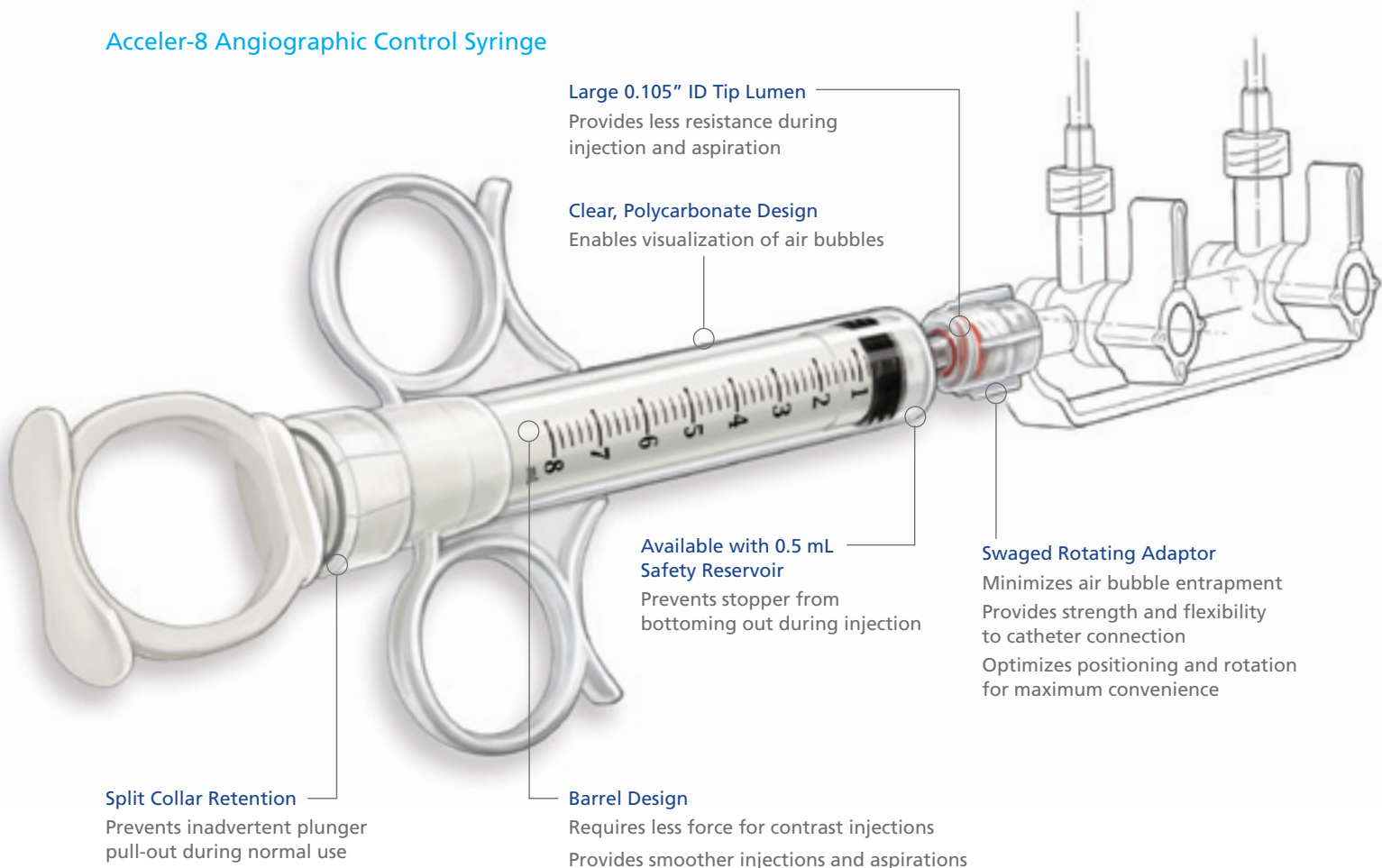
Angiographic Control Syringes



Less Force to Inject[†] Smoother Injections[†] High Flow Rates

NAMIC syringes are a trusted brand of angiographic syringes delivering smooth aspiration, controlled injections and high flow rates. The Saver-7* and Acceler-8* angiographic control syringes are designed with a unique barrel that requires less force and a large lumen for less resistance during injection and aspiration. NAMIC syringes, designed for high-quality performance.

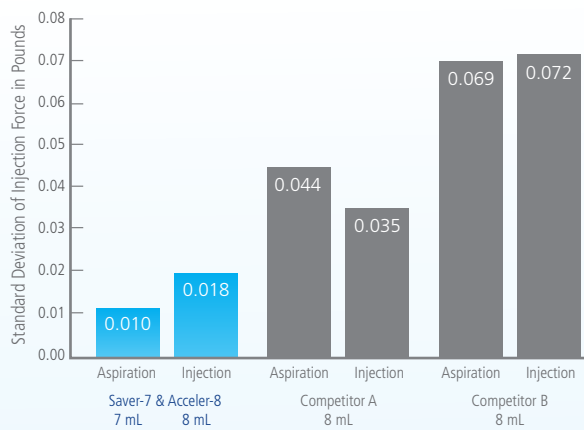
Acceler-8 Angiographic Control Syringe



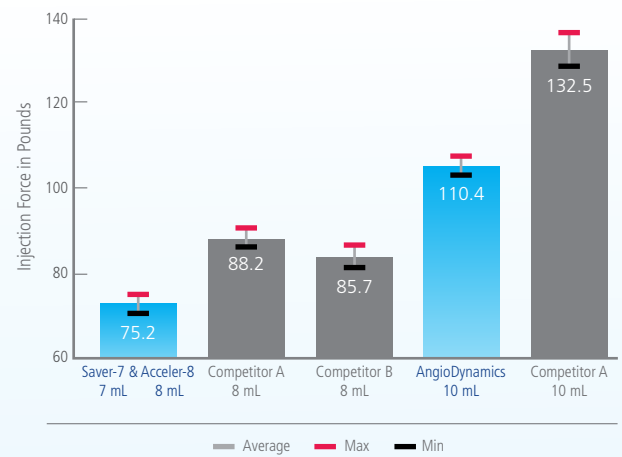
The Saver-7 and Acceler-8 Angiographic Control Syringes require less force during injections.[†]

Comparative Benchtop Testing[†]

Smoother injection and aspiration in comparison to commonly used 8 mL Control Syringes[†] (n=20)



Less injection force (lbs) required to inject contrast through a 4F diagnostic catheter at 4 mL per second.[†] (n=20)



Angiographic Control Syringe Options

A broad line of syringes that deliver

- Smooth aspiration rates
- Controlled injections
- Higher than average flow rates







[†]Testing performed by Navilyst Medical with data on file. Bench test results may not necessarily be indicative of clinical performance.

Angiographic Control Syringes

Used for aspiration and injection of saline or contrast.

- Available with or without 0.5 mL reservoir
- Clear polycarbonate design

	Barrel Size	Plunger Style	Barrel Style	Fitting	0.5 mL Reservoir	Convenience Kit Part Number	Customer UPN Number Single Sterile Part Number	Units
 As shown: H965700950071	7 mL	Thumb Ring	Finger Ring	Fixed MLL	Yes	40083003	H965700830031	Box/25
	7 mL	Thumb Ring	Finger Ring	Fixed MLL	No	40083013	H965700830131	Box/25
	7 mL	Thumb Ring	Finger Ring	Rotating Adaptor	Yes	40083007	H965700830071	Box/25
	7 mL	Thumb Ring	Finger Ring	Rotating Adaptor	No	40083017	H965700830171	Box/25
	8 mL	Thumb Ring	Finger Ring	Fixed MLL	Yes	40084003	H965700840031	Box/25
 As shown: H965700951071	8 mL	Thumb Ring	Finger Ring	Fixed MLL	No	40084013	H965700840131	Box/25
	8 mL	Thumb Ring	Finger Ring	Rotating Adaptor	Yes	40084007	H965700840071	Box/25
	8 mL	Thumb Ring	Finger Ring	Rotating Adaptor	No	40084017	H965700840171	Box/25
	10 mL	Thumb Ring	Finger Ring	Fixed MLL	Yes	40085003	H965700850031	Box/10
	10 mL	Thumb Ring	Finger Ring	Fixed MLL with 5.08 cm (2") Extension	Yes	40085004	H965700850041	Box/10
 As shown: H965700870071	10 mL	Thumb Ring	Finger Ring	Rotating Adaptor	Yes	40085007	H965700850071	Box/10
	10 mL	Thumb Ring	Finger Grip	Rotating Adaptor	Yes	40085107	H965700851071	Box/10
	10 mL	Thumb Ring	Finger Ring	Extended RA	Yes	40085005	H965700850051	Box/10
	10 mL	Palm Pad	Finger Ring	Fixed MLL	Yes	40095003	H965700950031	Box/10
	10 mL	Palm Pad	Finger Ring	Rotating Adaptor	Yes	40095007	H965700950071	Box/10
 As shown: H965700750271	10 mL	Palm Pad	Finger Grip	Rotating Adaptor	Yes	40095107	H965700951071	Box/10
	12 mL	Thumb Ring	Finger Ring	Fixed MLL	Yes	40087003	H965700870031	Box/10
	12 mL	Thumb Ring	Finger Ring	Fixed MLL	No	40088003	H965700880031	Box/10
	12 mL	Thumb Ring	Finger Ring	Rotating Adaptor	Yes	40087007	H965700870071	Box/10
	12 mL	Thumb Ring	Finger Ring	Rotating Adaptor	No	40088007	H965700880071	Box/10
	12 mL	Palm Pad	Finger Ring	Male Luer Lock	No	40087107	H965700871071	Box/10
	12 mL	Palm Pad	Finger Ring	Rotating Adaptor	Yes	40097007	H965700970071	Box/10
	12 mL	Palm Pad	Finger Ring	Rotating Adaptor	No	40098007	H965700980071	Box/10
	12 mL	Palm Pad	Finger Ring	Fixed MLL	Yes	40097003	H965700970031	Box/10
	12 mL	Palm Pad	Finger Grip	Rotating Adaptor	Yes	40097107	H965700971071	Box/10
12 mL	Palm Pad	Finger Grip	Rotating Adaptor	No	40098107	H965700981071	Box/10	
20 mL	Thumb Ring	Finger Ring	Fixed MLL	Yes	40075023	H965700750231	Box/25	
20 mL	Thumb Ring	Finger Ring	Rotating Adaptor	Yes	40075027	H965700750271	Box/25	

Consult your AngioDynamics representative for country specific product availability.

Images may not represent actual products.

IMPORTANT RISK INFORMATION

Refer to Directions for Use provided with products for indications, complete instructions, warnings, and precautions.

NAMIC ANGIOGRAPHIC CONTROL SYRINGE

INTENDED USE/INDICATIONS FOR USE: The NAMIC Angiographic Control Syringe is intended to be used for the intraarterial or intravenous administration of radiographic contrast media.

CONTRAINDICATIONS: None known.

WARNINGS: Do not store fluid in product. Inject immediately after filling. This syringe does not have a pressure gauge device. Therefore, it is not intended for balloon catheter inflation. Over inflation may result in the rupturing of the balloon.

CAUTION: Federal Law (USA) restricts these devices to sale by or on the order of a physician.



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 International > Haaksbergweg 75 (Margrietoren), 1101 BR, Amsterdam Z-O > The Netherlands
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Radiology Control Syringes



Proven. Tested. Trusted.

Our offering is a broad line of syringes for radiology labs, delivering smooth aspiration rates, controlled injections, higher than average flow rates, together with many features.

Polycarbonate Syringes

Clear polycarbonate, with colored piston options



Polypropylene Syringes

Male luer lock (MLL) or male slip tip (MST), colored pistons, wide range of size options from 1 mL to 60 mL





The Pen and Medication Label Set

- Polypropylene labels are pre-printed for convenience
- Blank labels included for other medications
- Smear-resistant permanent marker for use in the sterile field

Label Format	Description	Convenience Kit Part Number	Customer UPN Number Single Sterile Part Number	Units
Drug Name Strength: _____ Date: ____Init: ____	Permanent marking pen and medication label set • 20 pre-printed labels • 10 blank labels	40400108	Not Available	N/A

Radiology Control Syringes: Polycarbonate



As shown: H965705051031



As shown: H965705062031

Barrel Size	Wings	Piston Color	Fitting	0.5 mL Reservoir	Convenience Kit Part Number	Customer UPN Number Single Sterile Part Number	Units
10 mL	Short	Pale Blue	MLL	No	40506203	H965705062031	Box/25
10 mL	Long	Pale Blue	MLL	No	40506103	None	N/A
10 mL	Long	Pale Blue	MLL	Yes	40505103	H965705051031	Box/25
10 mL	Short	Bright Blue	MLL	No	40506213	Not Available	N/A
10 mL	Long	Bright Blue	MLL	Yes	40505113	Not Available	N/A
10 mL	Short	Yellow	MLL	No	40506223	Not Available	N/A
10 mL	Long	Yellow	MLL	No	40506123	Not Available	N/A
10 mL	Long	Yellow	MLL	Yes	40505123	Not Available	N/A
10 mL	Short	Purple	MLL	No	40506233	Not Available	N/A
10 mL	Long	Purple	MLL	Yes	40505133	Not Available	N/A
10 mL	Short	Green	MLL	No	40506253	Not Available	N/A
10 mL	Long	Green	MLL	No	40400501 [†]	Not Available	N/A
10 mL	Long	Green	MLL	Yes	40505153	Not Available	N/A
10 mL	Short	Red	MLL	No	40506263	Not Available	N/A
10 mL	Long	Red	MLL	Yes	40505163	Not Available	N/A
10 mL	Short	White	MLL	No	40506273	Not Available	N/A
10 mL	Long	White	MLL	Yes	40505173	Not Available	N/A
10 mL	Long	White	MLL	No	40400502 [†]	Not Available	N/A

[†]Piston is removable

Radiology Control/Medication Syringes: Polypropylene



As shown: 10127760

Barrel Size	Wings	Piston Color	Fitting	0.5 mL Reservoir	Convenience Kit Part Number	Customer UPN Number Single Sterile Part Number	Units
10 mL	Short Wings	Red	MLL	No	10127760	Not Available	N/A
10 mL	Short Wings	Clear	MLL	No	10127063	Not Available	N/A
12 mL	Short Wings	Clear	MLL	No	10127076	Not Available	N/A
20 mL	Short Wings	Clear	MLL	No	10127072	Not Available	N/A

Consult your AngioDynamics representative for country specific product availability.

Images may not represent actual products.

IMPORTANT RISK INFORMATION

Refer to Directions for Use provided with products for indications, complete instructions, warnings, and precautions.

NAMIC RADIOLOGY CONTROL SYRINGE

INTENDED USE/INDICATIONS FOR USE: The NAMIC Radiology Control Syringe is intended to be used for the intraarterial or intravenous administration of radiographic contrast media.

CONTRAINDICATIONS: None known.

WARNINGS: Do not store fluid in product. Inject immediately after filling. This syringe does not have a pressure gauge device. Therefore, it is not intended for balloon catheter inflation. Over inflation may result in the rupturing of the balloon.

CAUTION: Federal Law (USA) restricts these devices to sale by or on the order of a physician.



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Stopcocks

Choice. Quality. Reliability.

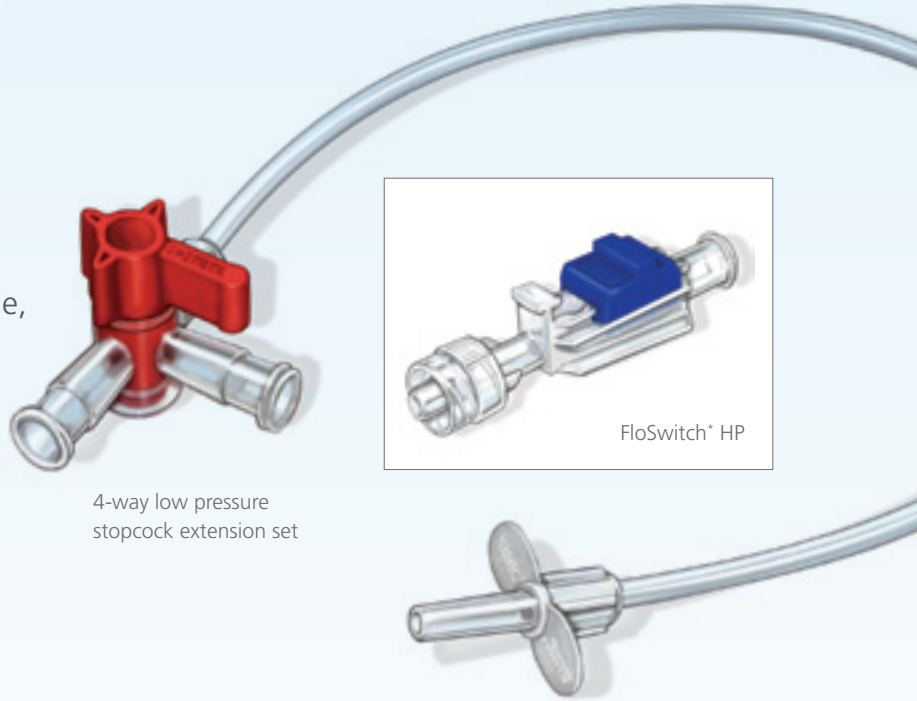
NAMIC* Stopcocks are designed with the features that matter in your lab: easy-turning handles, a textured, non-slip surface, precision-engineered luer fittings, large lumens and a durable, clear polycarbonate body. They bring quality and reliability to your lab.

Ergonomic Handle Design

- Facilitates easy grip and valve rotation

Wide Range of Pressure Ratings

- 200 psi (14 bar) low, 400 psi (28 bar) medium and 1,050 psi (75 bar) high



4-way low pressure stopcock extension set

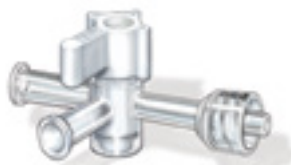
FloSwitch* HP



1-way high pressure with fixed male



1-way low pressure with rotating collar



3-way low pressure with fixed male



3-way high pressure with rotating adaptor



3-way medium pressure with rotating collar



4-way low pressure with rotating collar



Adult arterial extension set with 3-way stopcock

Extension Sets with Stopcocks



As shown: Extension Set with MLL fitting



As shown: Extension Set with MST fitting

Patient Type	Tubing Length	Tubing Type	Body Style	Fitting	Convenience Kit Part Number	Customer UPN Number	Units
						Single Sterile Part Number	
Pediatric	11.43 cm (4.5")	PML	3-way	MLL	40703050	H965907030501	Box/25
Adult	15.24 cm (6")	PML	3-way	MLL	40703062	H965907030621	Box/25
Adult	22.86 cm (9")	PML	3-way	MLL	40703092	H965907030921	Box/25
Adult	30.48 cm (12")	PML	3-way	MLL	40703122	H965907031221	Box/25
Adult	30.48 cm (12")	IV	3-way	MST	40015312	H965700153121	Box/25
Adult	50.80 cm (20")	IV	3-way	MST	40015320	H965700153201	Box/25
Adult	83.82 cm (33")	IV	3-way	MST	40015333	H965700153331	Box/25
Adult	30.48 cm (12")	IV	4-way	MST	40015412	H965700154121	Box/25
Adult	50.80 cm (20")	IV	4-way	MST	40015420	H965700154201	Box/25
Adult	83.82 cm (33")	IV	4-way	MST	40015433	H965700154331	Box/25

Stopcocks



As shown:
H965700150151



As shown:
H965700150021



As shown:
H965700350091



As shown:
H965700550081



As shown:
H965700350131



As Shown:
10045600

Body Style	Pressure	Male Fitting	Convenience Kit Part Number	Customer UPN Number	Single Sterile Part Number	Units
1-way	Low	MST	40015016	H965700150161	H965700150161	Box/50
1-way	Low	Rotating Collar	40015015	H965700150151	H965700150151	Box/50
1-way	High	Fixed	40055017	H965700550171	H965700550171	Box/50
3-way	Low	MST	40015000	H965700150001	H965700150001	Box/50
3-way	Low	Rotating Collar	40015002	H965700150021	H965700150021	Box/50
3-way	Low	Fixed	40015003	H965700150031	H965700150031	Box/50
3-way	Medium	Rotating Collar	40035002	H965700350021	H965700350021	Box/50
3-way	Medium	Fixed	40035003	H965700350031	H965700350031	Box/50
3-way	Medium	RA – Right	40035009	H965700350091	H965700350091	Box/50
3-way	Medium	RA – Left	40035008	H965700350081	H965700350081	Box/50
3-way	High	Fixed	40055003	H965700550031	H965700550031	Box/50
3-way	High	RA – Right	40055009	H965700550091	H965700550091	Box/50
3-way	High	RA – Left	40055008	H965700550081	H965700550081	Box/50
4-way	Low	MST	40015010	H965700150101	H965700150101	Box/50
4-way	Low	Rotating Collar	40015012	H965700150121	H965700150121	Box/50
4-way	Low	Fixed	40015013	H965700150131	H965700150131	Box/50
4-way	Medium	Rotating Collar	40035012	H965700350121	H965700350121	Box/50
4-way	Medium	Fixed	40035013	H965700350131	H965700350131	Box/50
FloSwitch HP	High	Fixed	10045600	N/A	N/A	N/A

Consult your AngioDynamics representative for country specific product availability.

Images may not represent actual products.

IMPORTANT RISK INFORMATION

Refer to Directions for Use provided with products for indications, complete instructions, warnings, and precautions.

NAMIC STOPCOCKS

INTENDED USE/INDICATIONS FOR USE: NAMIC Stopcocks are intended for use in hemodynamic monitoring procedures and for intraarterial and intravenous administration of water-based solutions or radiographic contrast media.

CONTRAINDICATIONS: None known.

WARNINGS: NAMIC Stopcocks are not

recommended for use with lipids. Prolonged exposure to lipid solutions may result in stress cracking or leakage.

FLOSWITCH

INTENDED USE/INDICATIONS FOR USE: The FloSwitch is an angiographic accessory intended for use as an on-off device for angiography and other high pressure applications.

CONTRAINDICATIONS: None known.

PRECAUTIONS: 1. Before using this product, there should be a thorough understanding of the technical

principles, clinical applications and risks associated with angiography and percutaneous interventional procedures. 2. Prior to use carefully examine the unit to verify the FloSwitch or sterile package has not been damaged in shipment 3. Do not exceed 7,240 kPa (1,050 psi) in the ON position and 1,380 kPa (200 psi) in the OFF position.

WARNINGS: None known

CAUTION: Federal Law (USA) restricts these devices to sale by or on the order of a physician.



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Disposable Transducers

Pole Mounted Transducers

Arterial Line Kits

Transducer Accessories

Pressure Monitoring Lines

Reusable Cables



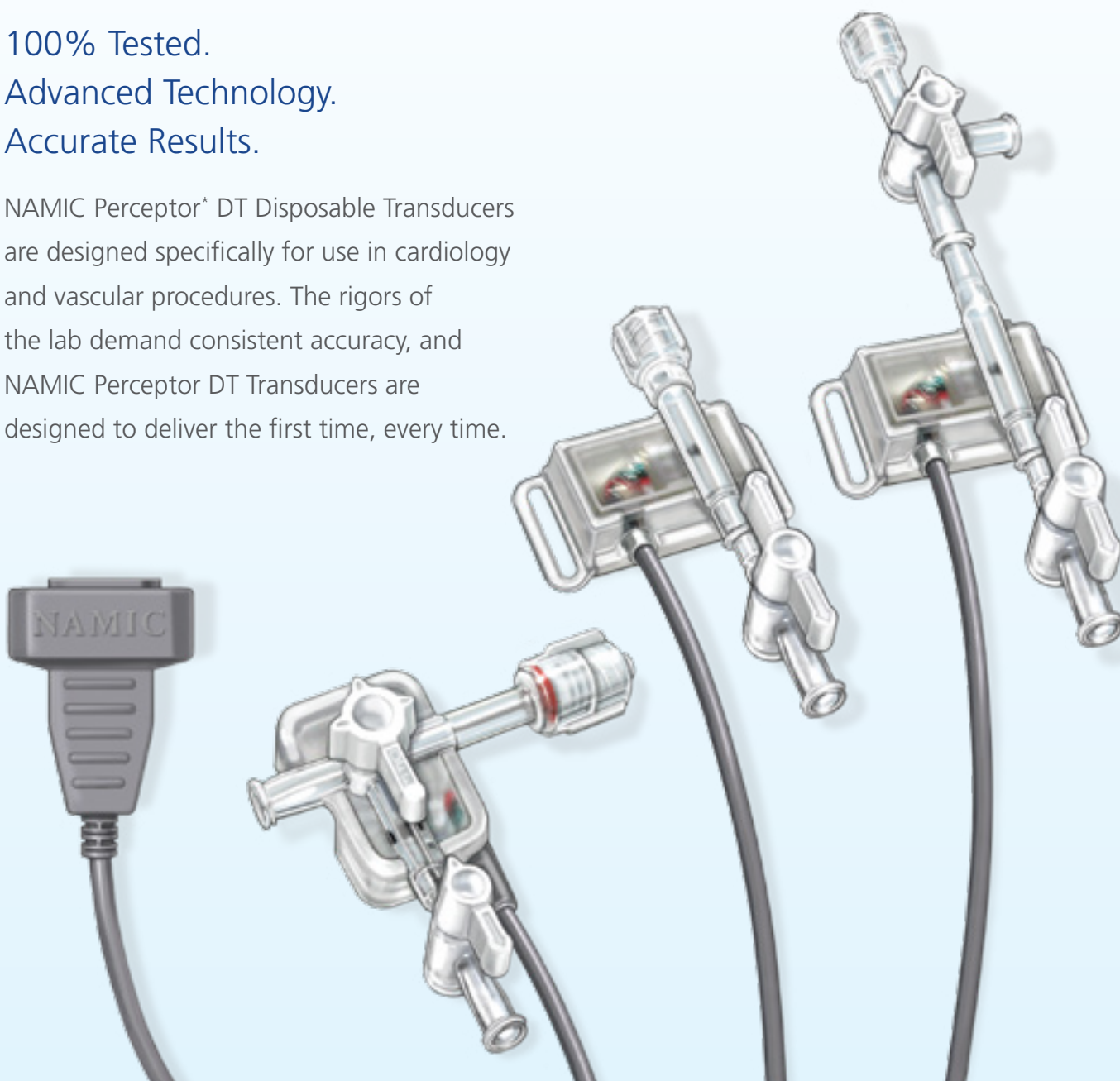
Disposable Transducers

100% Tested.

Advanced Technology.

Accurate Results.

NAMIC Perceptor* DT Disposable Transducers are designed specifically for use in cardiology and vascular procedures. The rigors of the lab demand consistent accuracy, and NAMIC Perceptor DT Transducers are designed to deliver the first time, every time.



Pole Mounted Disposable Transducers

NAMIC Transducers



As shown:
H965700300131



As shown:
H965704000571



As shown:
H965704000521



As shown:
H965700360011

Stopcocks	Type of Transducer	Cable Length	Convenience Kit Part Number	Customer UPN Number Single Sterile Part Number	Units
None	NAMIC	61 cm (24")	40030013	H965700300131	Box/10
None	NAMIC	122 cm (48")	40030014	H965700300141	Box/10
1-way	NAMIC	122 cm (48")	40400057	H965704000571	Box/20
1-way and 3-way	NAMIC	61 cm (24")	40400052	H965704000521	Box/20
3-way plus 3 mL/hr flush device	NAMIC	61 cm (24")	40400050	H965700360011	Box/10
3-way and 1-way	NAMIC	61 cm (24")	40400055	H965704000551	Box/20

Other configurations available, upon request.

Arterial Line Kits

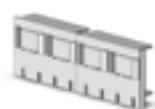
Contains NAMIC Perceptor disposable transducer



As shown: H965700361481

Description	Customer UPN Number Single Sterile Part Number	Units
122 cm (48") Adult Arterial Line Kit with NAMIC Perceptor Disposable Transducer 3 mL/hour flush device. Each kit contains: 182 cm (72") Chambered IV Spike with filter; Two 3-way Stopcocks; 122 cm (48") and 30 cm (12") Pressure Monitoring Lines	H965700361481	Box/10
152 cm (60") Adult Arterial Line Kit with NAMIC Perceptor Disposable Transducer 3 mL/hour flush device. Each kit contains: 182 cm (72") Chambered IV Spike with filter; Two 3-way Stopcocks; 152 cm (60") and 30 cm (12") Pressure Monitoring Lines	H965700361601	Box/10

Mounting Plates



As shown:
H965640001530



As shown:
H965700301520

Mounting Plate, holds 2 pole-mounted DTs or PML tubing for Compensator	H965700301520	Each
Mounting Plate, holds 4 DTs	H965640001530	Each

Not available in Convenience Kits – Order Single Sterile – Reusable
If using the Compensator Manifold, the end of the PML will hook into the "U" cut-outs on the Mounting Plate.

Clamps



As shown:
H965640002700



As shown:
H965700300530



As shown:
H965700300510



As shown:
H965700300540

Holder for single monitoring manifold	H965640002700	Each
Plastic Clamp, holds DT in vertical position	H965700300510	Each
Metal Clamp, holds DT in vertical position	H965700300530	Each
Metal Clamp, holds DT in horizontal position	H965700300540	Each

Adult Pressure Monitoring Lines

Pressure Monitoring Lines (PML) are used to carry a patient's pressure to the disposable pressure transducer.

- Tubing Material: PVC (Polyvinylchloride)
- Pressure Rating: Not Rated (Note: Do not power-inject contrast through PML)
- ID: 1.50 mm (0.059")
- OD: 3.25 mm (0.128")



As shown: Adult Pressure Monitoring Line
Female-Male

Fittings	Length	Convenience Kit Part Number	Customer UPN Number Single Sterile Part Number	Units
Female-Male	15.24 cm (6")	40701062	H965907010621	Box/25
Female-Male	30.5 cm (12")	40701122	H965907011221	Box/25
Female-Male	61 cm (24")	40701242	H965907012421	Box/25
Female-Male	91 cm (36")	40701362	H965907013621	Box/25
Female-Male	122 cm (48")	40701482	H965907014821	Box/25
Female-Male	152 cm (60")	40701602	H965907016021	Box/25
Female-Male	183 cm (72")	40701722	H965907017221	Box/25
Female-Male	213 cm (84")	40701842	H965907018421	Box/25
Female-Male	244 cm (96")	40701962	H965907019621	Box/25
Male-Male	30.5 cm (12")	40702122	H965907021221	Box/25
Male-Male	61 cm (24")	40702242	H965907022421	Box/25
Male-Male	91 cm (36")	40702362	H965907023621	Box/25
Male-Male	122 cm (48")	40702482	H965907024821	Box/25
Male-Male	152 cm (60")	40702602	H965907026021	Box/25
Male-Male	183 cm (72")	40702722	H965907027221	Box/25
Male-Male	213 cm (84")	40702842	H965907028421	Box/25
Male-Male	244 cm (96")	40702962	H965907029621	Box/25

Pediatric Pressure Monitoring Lines

Pressure Monitoring Lines (PML) are used to carry a patient's pressure to the disposable pressure transducer.

- Tubing Material: PVC (Polyvinylchloride)
- Pressure Rating: Not Rated (Note: Do not power-inject contrast through PML)
- ID: 1.12 mm (0.044")
- OD: 2.50 mm (0.098")



As shown: Pediatric Pressure Monitoring Line
Female-Male

Female-Male	15.24 cm (6")	40711062	H965907110621	Box/25
Female-Male	30.5 cm (12")	40711122	H965907111221	Box/25
Female-Male	61 cm (24")	40711242	H965907112421	Box/25
Female-Male	91 cm (36")	40711362	H965907113621	Box/25
Female-Male	122 cm (48")	40711482	H965709114821	Box/25
Female-Male	183 cm (72")	40711722	H965907117221	Box/25
Male-Male	30.5 cm (12")	40712122	H965907121221	Box/25
Male-Male	61 cm (24")	40712242	H965907122421	Box/25
Male-Male	91 cm (36")	40712362	H965907123621	Box/25
Male-Male	122 cm (48")	40712482	H965907124821	Box/25
Male-Male	183 cm (72")	40712722	H965907127221	Box/25

Reusable Transducer Cables

	Pin-Out Description				Customer UPN Number UPN Part Number			
	Shape	Number of Pins	Type of Connection	Hemodynamic Monitoring System Name(s)**	Popular Model(s) Include***	6' Length (ft)	12' Length (ft)	Units
	Rectangular	4	Male	NAMIC Transducer Cable Fitting Images	All NAMIC Pole mounted, Perceptor and Compensator Disposable Transducers	This end is on all NAMIC Transducers		N/A
	Round	6	Male	Arrow / Kontron	KAAT	—	H965640009850	Each
	Round	5	Female	Bard	Stamp Amplifier, Lab System Pro, Duo System	—	H965640009880	Each
	Round	4	Male	Camtronics / Emageon / Merge / Amicas MedCon / McKesson	Physiolog PDM 3.X, PB1000 TCS Symphony / Windsurfer	H749640420510	H749640420500	Each
	Round	4	Male	Camtronics / Emageon / Merge / Amicas	PDM v2	—	H749640420610	Each
	Round	6	Female	Datascope	All models, except Point of View & Expert	H965700406180	H965700412080	Each
	Round	10	Female	Daytex	CardioCap 2	—	H965640009990	Each
	Round	6	Female	E For M / PPG Medical Witt Biomedical / Philips	Bloom EP Series IV Analog	H749700406110	H965700412010	Each
	Round w/Cannon Connector	6	Female	Witt Biomedical / Philips	Series IV Analog w/Cannon Connector	—	H965640420030	Each
	Round	12	Male	Datascope Fukada Denshi	Expert DS3300	—	H965640420160	Each
	Round	12	Male	Philips / Hewlett Packard	Rifle Shot, Intellivue, Haemosphere, HP70, XPER Flex, MP5, MP30	H965700406130	H965700412030	Each
	Round	6	Male	J&J Critikon	Dinamap Plus, Propaq 106 EL	—	H965640420210	Each
	Rectangular	11	Male	Marquette / GE	Tram Series (x00), MacLab 7000, Dash 4000, Innova	H965640406330	H965700412230	Each
	Round	7	Male	Marquette / GE	Tram 7000, 7200 & 2000 Series	H965700406240	H965700412140	Each

Reusable Transducer Cables

	Pin-Out Description			Hemodynamic Monitoring System Name(s)**	Popular Model(s) Include***	Customer UPN Number UPN Part Number		Units
	Shape	Number of Pins	Type of Connection			6' Length (ft)	12' Length (ft)	
	Round	8	Male	Marquette / GE	PDS 3000	—	H965700412100	—
	Round	6	Male	Mennan	All	H965700406290	H965700412190	Each
	Round	5	Male	Nihon Kohden	Lifescopes Series	H965700406250	H965700412150	Each
	Round	5	Male	Prucka / Cardiolab	CLAB II, ART-1, ART-2	—	H965640420290	Each
	Round	6	Male	Biomedical Instrumentation Quinton	All Models Q-Cath	H965700406170	H965700412070	Each
	Round	5	Male	Sarns	9000	—	H965640459800	Each
	Round	6	Male	Siemens / Drager / Infinity	Sensis, Infinity, Hemomed / Hemopod, Artis, Delta	H965700406140	H965700412040	Each
	Round	5	Female	Siemens / Drager / Infinity	Sircust 300	—	H965640420100	Each
	Rectangular	15	Male	Siemens / Drager / Infinity	Micor, Sicor, Minograph & Cathcor	H965700406160	H965700412060	Each
	Rectangular w/Locking Mechanism	15	Male	Siemens / Drager / Infinity	Micor, Sicor, Minograph & Cathcor	—	H965640009970	Each
	Round	6	Male	Bard Siemens / Drager / Infinity Space Lab / Tektonix	CPS Transak System 8000 North American Models Mindray PM9000	H965700406210	H965700412110	Each
	Round	5	Male	Space Lab / Tektonix	TC-SA	—	H965640420230	Each
	Rectangular	5	Male	Witt Biomedical / Philips	Series IV Digital Front End, Xper IM	H749640420530	H749640420540	Each

** Hemodynamics Monitoring names are subject to change without notification. Some systems may not be listed.

*** Additional models not listed may contain the same pin-out.

NAMIC Disposable Transducer Performance Specifications

Performance Specifications	
Operating Pressure Range	-30 to +300 mmHg
Operating Temperature Range	15° to 40° C
Excitation	4 to 8 VDC to 5kHz
Excitation Impedance	350 ohms ± 10%
Signal Impedance	300 ohms ± 10%
Sensitivity	5.0 µV/V/mmHg ± 1%
Nonlinearity and Hysteresis	± 1 mmHg plus 1% of reading from -30 to 50 mmHg ± 2% of reading from 51 to 300 mmHg
Zero Offset	± 30 mmHg
Zero Drift	± 1 mmHg/8 hours
Zero Thermal Drift	± 0.3 mmHg/° C
Sensitivity Thermal Drift	± 0.1%/° C
Overpressure	-400 to +4000 mmHg
Natural Frequency	≥ 200 Hz for transducer alone
Leakage Current	< 2µAmps at 120V RMS 60 Hz
Defibrillator Withstand	5 discharges/5 minutes of 360 Joules into 50 ohm load
Mechanical Shock	Withstands 3 drops from 1 meter
Light Sensitivity	< 1 mmHg when exposed to 3000 foot-candles from a 3400° K tungsten light source

Meets or exceeds ANSI/AAMI BP22 Standard for Blood Pressure Transducers

Consult your AngioDynamics representative for country specific product availability.

Images may not represent actual products.

IMPORTANT RISK INFORMATION

Refer to Directions for Use provided with products for indications, complete instructions, warnings, and precautions.

NAMIC PERCEPTOR MANIFOLD

INTENDED USE/INDICATIONS FOR USE:

Physiological pressure transducers are utilized during invasive pressure monitoring, catheterization procedures and fluid delivery.

WARNINGS: This product does not incorporate protection from accidental over pressurization. Over pressurization may permanently impair accuracy of the device. Do not exceed the following pressures when using this device - Main lumen: Medium Pressure Manifolds – 1379 kPa (200 psi/14bar) Static pressure; High Pressure Manifolds – 3447 kPa (500 psi/35 bar) Static pressure; Transducer Side Port – 41 kPa (6 psi/300 mmHg) (6 psi/300 mmHg).

NAMIC COMPENSATOR MANIFOLD

INTENDED USE/INDICATIONS FOR USE:

Physiological pressure transducers are utilized during invasive pressure monitoring, catheterization procedures and fluid delivery.

CONTRAINDICATIONS: None known.

WARNINGS: Do not exceed the following pressures when using this device - Main lumen: Medium

Pressure Manifolds – 1379 kPa (200 psi/14bar) Static pressure; High Pressure Manifolds – 3447 kPa (500 psi/35 bar) Static pressure; Transducer Side Port – 41 kPa (6 psi/300 mmHg). Do not use if package is opened or damaged.

PRECAUTIONS: The Compensator line must be completely filled with saline to produce accurate pressure readings. The female luer end of the Compensator line (placed in a compatible mounting plate) must be at heart level in order to produce accurate readings. During fluid injection through the main lumen of the manifold, ensure proper orientation of the handles so that fluid does not enter the side ports. Do not use transducer Zero/Compensator Port as an injection site for fluids.

NAMIC PERCEPTOR DT DISPOSABLE TRANSDUCER

INTENDED USE/INDICATIONS FOR USE:

Physiological pressure transducers are utilized during invasive pressure monitoring, catheterization procedures and fluid delivery.

CONTRAINDICATIONS: None known.

WARNINGS: Check for fluid leakage before and during the procedure. Leaks can result in the loss of sterility, fluid or blood loss, and/or air embolism. If a product leaks before or during use, retighten the leading connection or replace the product.

This product does not incorporate protection from accidental over pressurization. Over pressurizing may permanently impair the accuracy of the device. Do not exceed the following pressure when using this device: 41 kPa (300 mmHg/6 psi).

PRECAUTIONS: Carefully read these instructions before using this product. If this product is being used in conjunction with other manufacturers' components, also read their instructions for use. Use proper aseptic techniques while handling this product. The presence of air in the system may dampen the transmission of the patient's pressure to the transducer. Be sure to eliminate all air bubbles. Do not use transducer port as a main injection site for fluids.

NAMIC DEVICES: PRESSURE MONITORING LINES

INTENDED USE/INDICATIONS FOR USE: These devices are intended to be used in fluid management and/or invasive pressure monitoring systems.

CONTRAINDICATIONS: None known.

CAUTION: Federal Law (USA) restricts these devices to sale by or on the order of a physician.



USA > 14 Plaza Drive, Latham, NY 12110 > tel: 800-772-6446 > fax: 518-798-1360 > Canada tel: 800-268-0184
International > Haaksbergweg 75 (Margrietoren), 1101 BR, Amsterdam Z-O > The Netherlands
tel: +31 (0)20 753 2949 > fax: +31 (0)20 753 2939

www.angiodynamics.com

Legal Manufacturer:
Navilyst Medical, Inc.,
26 Forest Street, Marlborough, MA 01752

Fluid Delivery Sets

IV Tubing

Large Bore Tubing

Fluid Delivery Sets

Multiple options available to deliver saline and/or contrast within the system to optimize your procedure

Available options

- IV and large bore tubing
- Colored lines
- Vented and nonvented
- Micro and macro drip chambered spike

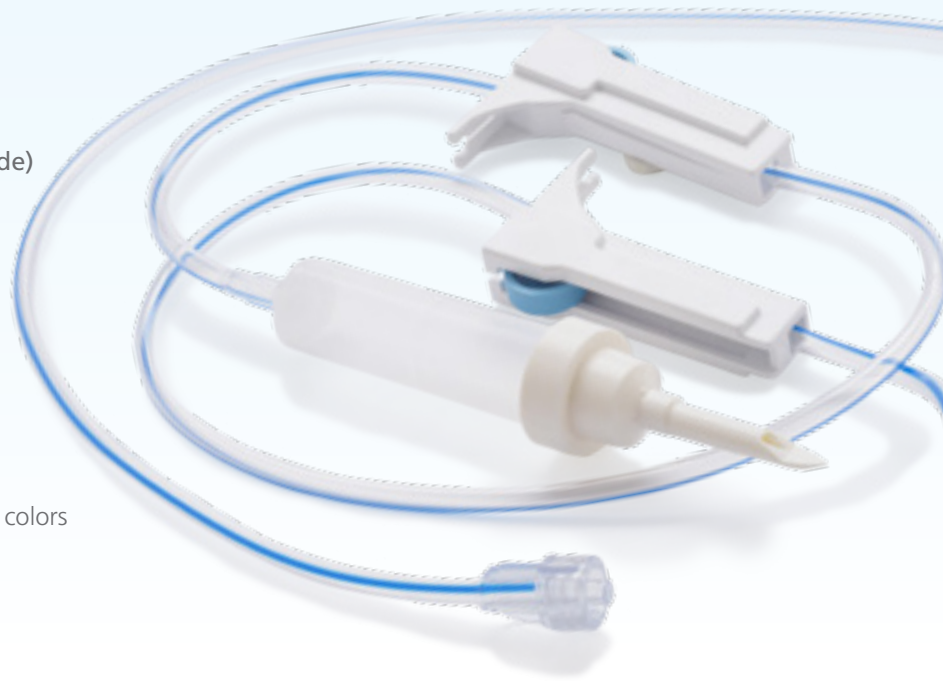
Tubing material: clear PVC (Polyvinylchloride)

Fittings: male luer lock

Pressure rating: not rated



Available colors



IV Tubing: Spike Head



As shown: H965913000041

Tubing Length	Tubing Style	Tubing Stripes	Vent	Convenience Kit Part Number	Customer UPN Number Single Sterile Part Number	Units
172.72 cm (68")	Bifurcated	—	Yes	40427059	Not Available	N/A
182.88 cm (72")	Single	—	Yes	40427004	H965913000041	Box/25
182.88 cm (72")	Single	—	No	40427040	H965913000401	Box/25
182.88 cm (72")	Single	Green	Yes	40429019	Not Available	N/A
182.88 cm (72")	Single	Red	Yes	40445254	Not Available	N/A
274.32 cm (108")	Single	—	Yes	40427007	H965913000071	Box/25

IV Tubing: Drip Chamber

Chamber Drip: Macro Drip: 20 drops/mL, Micro Drip: 60 drops/mL



As shown: H965913000521

Tubing Length	Tubing Style	Tubing Stripes	Vent	Micron Filter	Chamber Drip	Convenience Kit Part Number	Customer UPN Number Single Sterile Part Number	Units
121.92 cm (48")	Single	—	No	Yes	Macro	40427048	H965913000111	Box/25
121.92 cm (48")	Single	—	No	Yes	Micro	10027001	H965913000011	Box/25
121.92 cm (48")	Bifurcated	—	No	No	Macro	10027012	H965913000121	Box/25
121.92 cm (48")	Trifurcated	—	No	No	Macro	10027013	H965913000131	Box/25
152.40 cm (60")	Bifurcated	—	No	Yes	Macro	40438285	Not Available	N/A
152.40 cm (60")	Trifurcated	—	No	Yes	Macro	40438325	Not Available	N/A
182.88 cm (72")	Single	—	No	Yes	Macro	10027052	H965913000521	Box/25
182.88 cm (72")	Single	—	Yes	No	Macro	10029130	H965913000051	Box/25
182.88 cm (72")	Single	—	Yes	Yes	Macro	49000053	Not Available	N/A
182.88 cm (72")	Single w/ inj. port	—	No	No	Macro	40427019	H965640001301	Box/25
182.88 cm (72")	Bifurcated	—	No	No	Macro	10027035	H965913000351	Box/25
274.32 cm (108")	Single	—	No	Yes	Macro	10029118	H965913000091	Box/25
342.90 cm (135")	Single	—	No	Yes	Macro	40427028	H749990000701	Box/25
342.90 cm (135")	Single	Red	No	Yes	Macro	49000225	Not Available	N/A
342.90 cm (135")	Single	Blue	No	Yes	Macro	49000226	Not Available	N/A
342.90 cm (135")	Single	Yellow	No	Yes	Macro	49000227	Not Available	N/A
342.90 cm (135")	Single	Green	No	Yes	Macro	49000228	Not Available	N/A
342.90 cm (135")	Single	—	No	Yes	Micro	40427015	H749990000691	Box/25
342.90 cm (135")	Single	Red	No	Yes	Micro	49000221	Not Available	N/A
342.90 cm (135")	Single	Blue	No	Yes	Micro	49000222	Not Available	N/A
342.90 cm (135")	Single	Yellow	No	Yes	Micro	49000223	Not Available	N/A
342.90 cm (135")	Single	Green	No	Yes	Micro	49000224	Not Available	N/A

Large Bore Tubing: Spike Head



As shown: H965905000701



As shown: H965913000261

Tubing Length	Tubing Style	Vent	Pressurized	Convenience Kit Part Number	Customer UPN Number Single Sterile Part Number	Units
2.86 cm (1.125")	Large Bore with Female Fitting	Yes	No	41300020	H965913000201	Box/25
182.88 cm (72")	Single	Yes	No	40427275	H965913000261	Box/25
182.88 cm (72")	Sosa	Yes	Sosa	41300031	H965913000211	Box/25
274.32 cm (108")	Single	Yes	Sosa	41300032	Not Available	N/A
182.88 cm (72")	Single w/Dual Back Check Valve	Yes	No	N/A	H965905000701	Box/10

Consult your AngioDynamics representative for country specific product availability.

Images may not represent actual products.

IMPORTANT RISK INFORMATION

Refer to Directions for Use provided with products for indications, complete instructions, warnings, and precautions.

NAMIC DEVICES: FLUID DELIVERY SETS

INTENDED USE/INDICATIONS FOR USE: These devices are intended to be used in fluid management and/or invasive pressure monitoring systems.

CAUTION: Federal Law (USA) restricts these devices to sale by or on the order of a physician.



USA > 14 Plaza Drive, Latham, NY 12110 > tel: 800-772-6446 > fax: 518-798-1360 > Canada tel: 800-268-0184
International > Haaksbergweg 75 (Margrietoren), 1101 BR, Amsterdam Z-O > The Netherlands
tel: +31 (0)20 753 2949 > fax: +31 (0)20 753 2939

www.angiodynamics.com

Legal Manufacturer:
Navilyst Medical, Inc.,
26 Forest Street, Marlborough, MA 01752

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Closed Fluid Systems

Protection Station Plus with Contrast Management

Protection Station Plus

Protection Station

Angio-Sac Waste Collection System

Semi-Closed Systems Waste Container



Closed Fluid Systems

Best Practice Solution. Easy to Use. Blood Contact Protection.

Transmission of bloodborne pathogens is always a concern in the lab. Closed Fluid Systems help labs minimize exposure to bloodborne pathogens.

Our Closed Fluid Solutions:

- Simplify set-up and clean-up
- Reduce procedure time
- Minimize contact with contaminated fluids



How the NAMIC Protection Station Closed Fluid System Works



Key Features

- Dual back check valve allows access to saline and waste
- Available for pressurized and non-pressurized saline sources
- Conveniently attaches to manifold with adaptor

Cardiovascular Closed Fluid System Options

Protection Station*
Off the Manifold



Bifurcated Protection Station
On the Manifold



Angio-Sac* Collection System
On a 4V Manifold



Peripheral Vascular Closed Fluid Systems Options

Protection Station* Plus
with Contrast Management



- Two 1-way check valves
- Ideal for labs doing 3-4 or more cases per day requiring contrast
- Allows one contrast source for multiple cases
- Reduces contrast waste and saves money

Protection Station Plus



- All the features of the Protection Station, plus access to contrast with the turn of a stopcock handle
- All fluids are accessible from one port

Protection Station



- Closed system to aspirate saline and to inject fluid waste
- Includes a 1,000 mL closed Angio-Sac waste bag

Closed Fluid Systems

Protection Station Plus with Contrast Management

Closed system that administers saline and contrast and collects waste

- Contains two in-line check valves, allowing for one container of contrast media to be used on more than one patient, minimizing contrast waste
- Requires Contrast Controller Spike Assembly for use, which is typically ordered single sterile
- Designed to be utilized with larger bottles of contrast for maximized saving and efficiencies



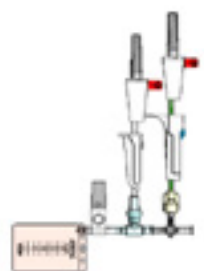
As shown:
H965640009551

Description	Pressurized or Non-Pressurized	Convenience Kit Part Number(s)	Customer UPN Number Single Sterile Part Number	Units
Protection Station Plus with Contrast Management	Non-Pressurized	40400910 w/40400010	Not Available	N/A
Protection Station Plus with Contrast Management and Strap Clip	Non-Pressurized	40400910 w/40400010 and 10045242	Not Available	N/A
Protection Station Plus with Green Striped CM Line ^{1,2}	Non-Pressurized	40400911 w/40400018	H965640009551	20
Protection Station Plus with Bonded Reflux Valve with Contrast Management Line	Non-Pressurized	45627690 w/40400010 and 10045242	Not Available	N/A

¹Need Mini-spike – order separately – item 90400039
²Stopcock at bottom of CM line is a 4-way – turns 360°

Protection Station Plus

Closed system that administers saline and contrast and collects waste

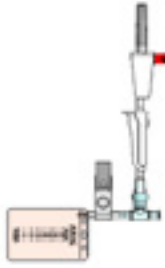


As shown:
H965640009451

Protection Station Plus w/Green Striped Contrast Line	Non-Pressurized	40400910 w/40429019	H965640009351	Box/20
Protection Station Plus w/Green Striped Contrast Line and Strap Clip	Non-Pressurized	40400910 w/40429019 and 10045242	H965640009451	Box/20
Protection Station Plus w/Blue Striped Contrast LB Line with Strap Clip	Non-Pressurized	40400910 w/49000056 and 10045242	Not Available	N/A
Protection Station Plus w/Bonded Reflux Valve and Clip and Green Striped IV Contrast Line	Non-Pressurized	45627690 w/40429019 and 10045242	Not Available	N/A

Protection Station

Closed system that administers saline and collects waste



As shown:
H965640009441

Description	Pressurized or Non-Pressurized	Convenience Kit Part Number(s)	Customer UPN Number Single Sterile Part Number	Units
Protection Station	Non-Pressurized	40400900	H965640009341	Box/20
Protection Station	Pressurized	40400950	Not Available	N/A
Protection Station with Strap Clip	Non-Pressurized	40400900 w/10045242	H965640009441	Box/20
Protection Station with M-RA Adaptor	Pressurized	40400950 w/40027180	H965640009361	Box/10
Protection Station w/In-Line Stopcocks and M-RA Adaptor	Pressurized	40400952 w/10027052 and 40027180	H965940009521	Box/20
Bifurcated Protection Station with Clip	Non-Pressurized	40400904 w/10045242	H965940009041	Box/20
Bifurcated Protection Station with Clip and Reflux Valve	Pressurized	40400954 w/10045242 and 40400102	H965940009541	Box/20
Dual Access Bifurcated Protection Station with One Tubing Striped Green	Pressurized	46627307	Not Available	N/A



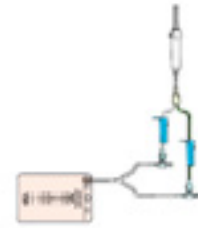
As shown:
H965940009521



As shown:
H965640009361



As shown:
H965940009541



As shown:
46627307

Angio-Sac Waste Collection System

Various closed systems that are designed for collection of waste and drainage procedures



As shown:
H965905000181

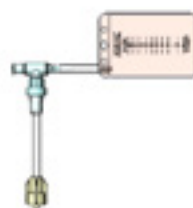


As shown:
H965640009251

Description	Bag Size	Fitting	Check Valve	Convenience Kit Part Number(s)	Customer UPN Number Single Sterile Part Number	Units
Angio-Sac Collection System	1000 mL	MLL	No	10500026	H965905000181	Box/25
Angio-Sac (a.k.a. Brewer Sac)	1000 mL	FLL	Yes	40400906	H965640009251	Box/10
Angio-Sac Collection System with Drainage Clamp and Clip	1500 mL	MLL	Yes	40500028 w/10045242	H965905000281	Box/25
Abscess Drainage Set	1000 mL	—	—	40400940	H965905000401	Box/10
Filling Station	—	FLL	No	40400106 w/10027052, and 40427275	H965905000601	Box/10
Filling Station Plus	1000 mL	FLL	No	40400106 w/10027052, 40427275 and 10500026	H965905000651	Box/10



As shown:
H965905000281



As shown:
H965905000401



As shown:
H965905000601



As shown:
H965905000651

Consult your AngioDynamics representative for country specific product availability.

Images may not represent actual products.

IMPORTANT RISK INFORMATION

Refer to Directions for Use provided with products for indications, complete instructions, warnings, and precautions.

NAMIC PROTECTION STATION

INTENDED USE/INDICATIONS FOR USE: The Protection Station is used for syringe flush, fluid administration and waste containment.

CONTRAINDICATIONS: None known.

PRECAUTIONS: Use proper aseptic technique while handling this product. Pressurized systems are intended for use with non-vented spikes. If using a vented spike in a pressurized system, close the vent flap. In non-pressurized fluid applications verify that the roller clamp is completely open to allow for the proper flow of the fluid during syringe aspirations. To reduce the possibility of back check valve leakage, limit fluid bag height to 36 inches (91 cm) or less. To prevent fluid loss with pressurized fluid applications, do not pressurize the system until the back check valve is connected to a stopcock, manifold or reflux valve. Do not pressurize the system in excess of 41 kPa (300 mmHg/6 psi).

NAMIC PROTECTION STATION PLUS, PROTECTION STATION PLUS WITH CONTRAST CONTROLLER CHECK VALVE SYSTEM

INTENDED USE/INDICATIONS FOR USE: The Protection Station Plus and Protection Station Plus with Contrast Controller Check Valve System are used for syringe flush, fluid administration and waste containment. In addition, the Protection Station Plus with Contrast Controller Check Valve System is also used to minimize contrast waste and to allow one container of contrast media to be used on more than one patient.

WARNINGS: Do not attempt to flush contrast media or air bubbles back through the Contrast Controller Check Valve System. The red handled four-way stopcock must be "off" to the Contrast Controller Check Valve system when flushing fluids into ANGIO-SAC® Collection Bag. Do not use Contrast Controller Spike Assembly on more than one container of contrast media. Do not use Protection Station Plus with Contrast Controller Check Valve System on more than one patient. Do not leave the Contrast Controller Spike Assembly intact in a container of contrast for longer than six (6) hours. Do not replace the Contrast Controller Tubing Assembly more than two (2) times. If there is any possibility that contamination may have occurred during set-up or use, disassemble and set up new sterile product.

PRECAUTIONS: Pressurized systems are intended for use with non-vented spikes. If using a vented spike in a pressurized system, close the vent flap. In non-pressurized fluid applications, verify that the roller clamp is completely open to allow for the proper flow of the fluid during syringe aspirations. To reduce the possibility of backcheck valve leakage, limit fluid bag height to 36 inches (91 cm) or less. Do not pressurize the system in excess of 300 mmHg (6 psi, 41 kPa).

NAMIC DEVICES

INTENDED USE/INDICATIONS FOR USE: These devices are intended to be used in fluid management and/or invasive pressure monitoring systems.

CAUTION: Federal Law (USA) restricts these devices to sale by or on the order of a physician.



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International > Haaksbergweg 75 (Margrietoren), 1101 BR, Amsterdam Z-O > The Netherlands
tel: +31 (0)20 753 2949 > fax: +31 (0)20 753 2939

www.angiodynamics.com

Legal Manufacturer:
Navilyst Medical, Inc.,
26 Forest Street, Marlborough, MA 01752

Contrast Management

Chambered In-Line Contrast Management Systems

Non-Chambered In-Line Contrast Management Systems

Contrast Controller Spike Assembly

Contrast Management System



Maximize Your Budget. Reduce Contrast Waste. Safe and Effective.



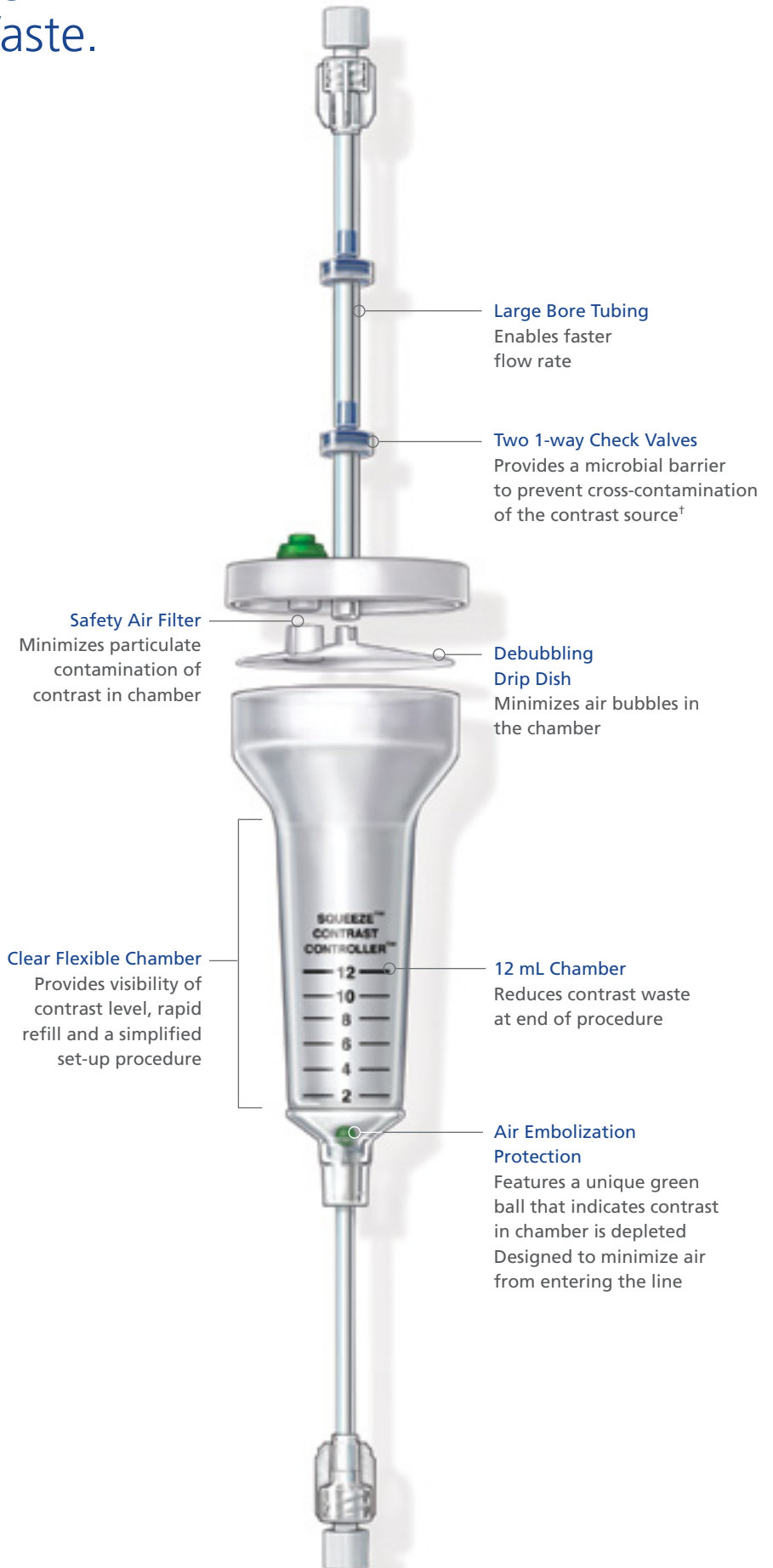
The Squeeze Contrast Controller*

is a safe and effective way to reduce contrast waste and maximize your budget. Its unique design lets you use one container of contrast media on multiple patient cases while its proven microbial barrier prevents cross-contamination.† Cut costs with confidence by using the Squeeze Contrast Controller—a trusted contrast management system.

† PROVEN MICROBIAL BARRIER

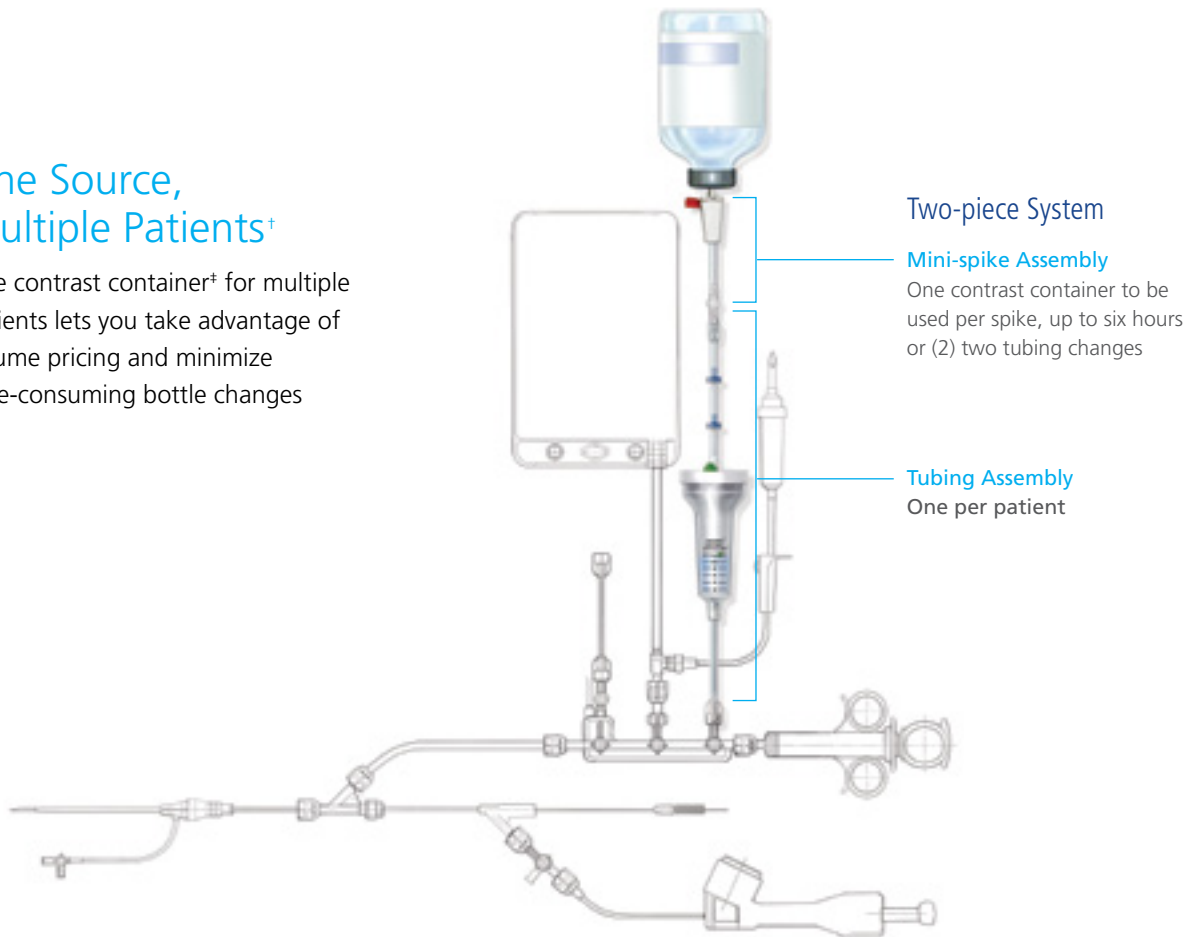
The safety and effectiveness of the Squeeze Contrast Controller's two 1-way check valves are proven. Studies showed sterile results when the contrast was challenged with motile bacterium (*Pseudomonas aeruginosa*); endospore-forming bacteria (*Bacillus subtilis*); and virus (*Bacteriophage Phi-X174*).

† Test data on file at Navilyst Medical, Inc., an AngioDynamics company.



One Source, Multiple Patients†

One contrast container* for multiple patients lets you take advantage of volume pricing and minimize time-consuming bottle changes



*Refer to contrast manufacturers IFU for indications.

How to Fill the Squeeze Contrast Chamber



Step 1

While pressing and holding the green vent button, squeeze the chamber. Press firmly to evacuate air from the system.



Step 2

Simultaneously release the chamber and the button. The chamber will fill with 10–12 mL of contrast.



Step 3

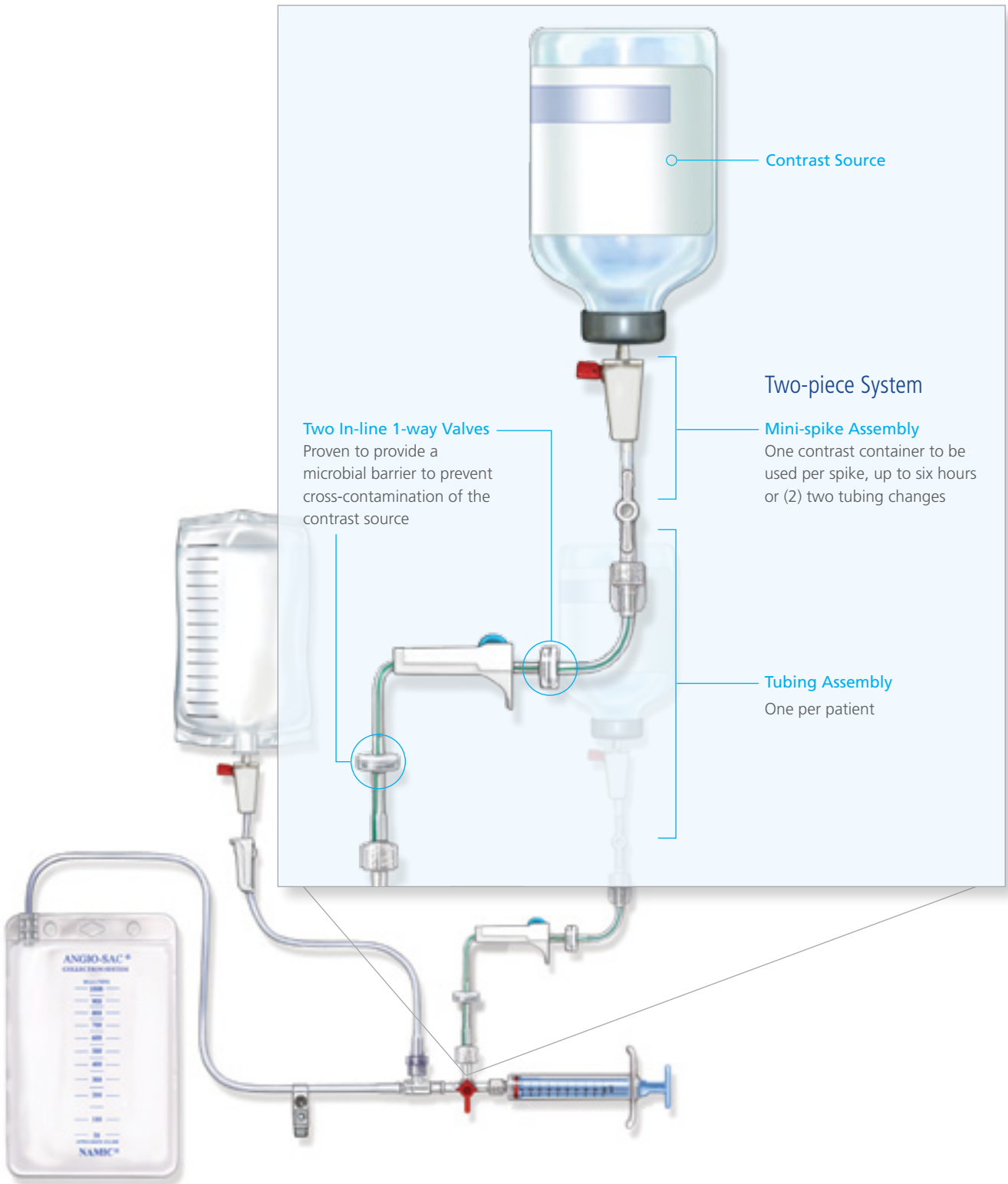
If the green ball is seated in the base of the chamber, squeeze the base firmly to dislodge the ball. The ball will float freely to the surface.



Step 4

Aspirate contrast through the tubing assembly. Debubble the system. The tubing assembly is now ready to use.

Optimized Peripheral Vascular Contrast Management System



Contrast Management System Options

Chambered In-Line Contrast Management Systems



Squeeze Chamber	Chamber with Green Ball	One-Way Check Valves	Tubing Length	Tubing Type	Stopcock	Fitting	Convenience Kit Part Number	Customer UPN Number Single Sterile Part Number	Units
Yes	Yes	Yes	183 cm (72")	IV	No	Male/Male Luer Lock	40400435	H749904004351	Box/10
Yes	Yes	Yes	183 cm (72")	IV	Yes, 3-way	Male/Male Luer Lock	49000080	Not Available	N/A
Yes	Yes	Yes	5 cm (2")	IV	No	Male/Male	49000357	Not Available	N/A
No	No	No	183 cm (72")	Large Bore	No	Female/Male Luer Lock	45602545	Not Available	N/A
No	No	No	183 cm (72")	Large Bore	No	Male/Male Luer Lock	45602640	Not Available	N/A

As shown:
H749904004351

Non-Chambered In-Line Contrast Management Systems



One-Way Check Valves	Roller Clamp	Tubing Length	Tubing Color	Tubing Type	Stopcock	Fitting	Convenience Kit Part Number	Customer UPN Number Single Sterile Part Number	Units
Yes	Yes	183 cm (72")	Green Striped	IV	No	Male/Male Luer Lock	40400018	Not Available	N/A
Yes	Yes	183 cm (72")	Clear	IV	3-way	Male/Male Luer Lock	40400010	H965640000101	Box/10

As shown:
40400018

As shown:
H965640000101

Contrast Controller Spike Assembly



Pressurized or Non-Pressurized	Vented or Non-Vented	Chamber or Spike Head	Tubing Length	Stopcock	Fitting	Convenience Kit Part Number	Customer UPN Number Single Sterile Part Number	Units
Non-Pressurized	Vented	Spike Head	3.8 cm (1.5")	1-way	Female	40400039	H965904000391	Box/25
Non-Pressurized	Vented	Spike Head	15.2 cm (6")	1-way	Female	40400839	H965904008391	N/A
Non-Pressurized	Vented	Spike Head	3.8 cm (1.5")	3-way	Female	45627083	Not Available	N/A
Pressurized	Vented	Sosa Spike Head	5 cm (2")	1-way	Female	46601501	Not Available	N/A
Non-Pressurized	Vented	Chamber	7.6 cm (3")	1-way	Female	40400001	H965640000901	Box/25

As shown:
H965904000391

Consult your AngioDynamics representative for country specific product availability.

Images may not represent actual products.

IMPORTANT RISK INFORMATION

Refer to Directions for Use provided with products for indications, complete instructions, warnings, and precautions.

SQUEEZE CONTRAST CONTROLLER

INTENDED USE/INDICATIONS FOR USE: The purpose of this system is to minimize contrast waste and allow one container of contrast media to be used on more than one patient.

CONTRAINDICATIONS: None known.

WARNINGS: Maintenance of sterility can only be achieved through proper set-up and use. Use proper aseptic technique when handling this device. Do not attempt to flush contrast media or air bubbles back

through the contrast delivery system when the Squeeze Contrast Controller chamber is full of fluid. Flushing back through a full Squeeze chamber could damage the two check valves above the chamber and compromise the sterility of the spike assembly and contrast container. Do not use the spike assembly on more than one container of contrast media. Do not use the tubing assembly on more than one patient. Do not leave the spike assembly intact in a container of contrast for longer than six (6) hours. Do not replace the tubing assembly more than two (2) times. If there is any possibility that contamination may have occurred during set-up or use, disassemble and set up new sterile product. Ensure that you are making secure connections

when using this device to prevent the introduction of air into the system that could result in embolism and in rare instances death. All connections should be finger tightened. Over tightening can cause cracks and leaks to occur that could result in embolism and or exposure to biohazards. Examine product carefully for entrapped air and fully debubble prior to injection to minimize the potential for embolism and in rare instances death.

PRECAUTIONS: Carefully read these instructions completely prior to use. The chamber must hang vertically for the green ball to operate effectively.

CAUTION: Federal Law (USA) restricts these devices to sale by or on the order of a physician.



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International > Haaksbergweg 75 (Margrietoren), 1101 BR, Amsterdam Z-O > The Netherlands
tel: +31 (0)20 753 2949 > fax: +31 (0)20 753 2939

www.angiodynamics.com

Legal Manufacturer:
Navilyst Medical, Inc.,
26 Forest Street, Marlborough, MA 01752

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Injection Lines & Wires

Contrast Injection Lines

Angiographic Core Wires

Contrast Injection Lines

Strong. Flexible. Secure.

NAMIC Contrast Injection Lines are configured for both low- and high-pressure injections. They feature the security of injection-molded fittings, clear tubing for easy bubble detection and secure catheter connections. Your choice for flexibility and strength is clear.



Contrast Injection Lines

LPCIL (Low Pressure Contrast Injection Line)

- 500 psi (34 bars)
- Ultra-clear, single-layer PVC tubing for easy debubbling
- 2.26 mm (0.089") ID
- 4.04 mm (0.159") OD
- Flexibility: Medium
- Clarity: High



As shown: Female to Male Luer Lock Fitting

PSI Rating	Length	Fittings	Convenience Kit Part Number	Customer UPN Number Single Sterile Part Number	Units
500 psi (34 bars)	25.40 cm (10")	FLL – MLL	41021102	H965910211021	Box/25
500 psi (34 bars)	25.40 cm (10")	FLL – RA	49000153	Not Available	N/A
500 psi (34 bars)	25.40 cm (10")	MLL – RA	45632124	Not Available	N/A
500 psi (34 bars)	50.80 cm (20")	FLL – MLL	41021202	H965910212021	Box/25
500 psi (34 bars)	50.80 cm (20")	FLL – RA	45632116	Not Available	N/A
500 psi (34 bars)	50.80 cm (20")	MLL – MLL	41022202	Not Available	N/A
500 psi (34 bars)	76.20 cm (30")	FLL – MLL	41021302	H965910213021	Box/25
500 psi (34 bars)	121.92 cm (48")	FLL – MLL	41021482	H965910214821	Box/25
500 psi (34 bars)	121.92 cm (48")	FLL – RA	45632106	Not Available	N/A
500 psi (34 bars)	121.92 cm (48")	MLL – MLL	41022482	Not Available	N/A
500 psi (34 bars)	152.40 cm (60")	FLL – MLL	41021602	Not Available	N/A
500 psi (34 bars)	182.88 cm (72")	FLL – MLL	41021722	Not Available	N/A
500 psi (34 bars)	182.88 cm (72")	MLL – MLL	41022722	Not Available	N/A

HPCIL (High Pressure Contrast Injection Line)

- 1,000 psi (69 bars)
- Ultra-clear, single-layer PVC tubing for easy debubbling
- 2.26 mm (0.089") ID
- 4.78 mm (0.188") OD
- Flexibility: Low
- Clarity: High



As shown: Female to Rotating Adaptor Fitting

1000 psi (69 bars)	25.40 cm (10")	FLL – MLL	41011102	H965910111021	Box/25
1000 psi (69 bars)	25.40 cm (10")	FLL – RA	41001103	H965910011031	Box/25
1000 psi (69 bars)	50.80 cm (20")	FLL – MLL	41011202	H965910112021	Box/25
1000 psi (69 bars)	50.80 cm (20")	FLL – RA	41001203	H965910012031	Box/25
1000 psi (69 bars)	76.20 cm (30")	FLL – MLL	41011302	H965910113021	Box/25
1000 psi (69 bars)	76.20 cm (30")	FLL – RA	41001303	H965910013031	Box/25
1000 psi (69 bars)	121.92 cm (48")	FLL – MLL	41011482	H965910114821	Box/25
1000 psi (69 bars)	121.92 cm (48")	FLL – RA	41001483	H965910014831	Box/25
1000 psi (69 bars)	152.40 cm (60")	FLL – MLL	41011602	H749910116021	Box/25
1000 psi (69 bars)	152.40 cm (60")	FLL – RA	41001603	H749910016031	Box/25
1000 psi (69 bars)	152.40 cm (60")	MLL – MLL	41012602	Not Available	N/A
1000 psi (69 bars)	182.88 cm (72")	FLL – MLL	41011722	Not Available	N/A
1000 psi (69 bars)	182.88 cm (72")	FLL – RA	45632122	Not Available	N/A
1000 psi (69 bars)	203.20 cm (80")	FLL – RA	41001803	Not Available	N/A
1000 psi (69 bars)	243.84 cm (96")	FLL – MLL	41011962	Not Available	N/A

clearaCIL* High Pressure Contrast Injection Line

- 1,200 psi (83 bars)
- Clear and flexible for easy debubbling and positioning
- Dual-layer nylon and urethane for added strength and clarity
- 1.8 mm (0.071") ID

- 3.58 mm (0.141") OD
- Flexibility: Medium
- Clarity: High



As shown: Female to Rotating Adaptor Fitting

PSI Rating	Length	Fittings	Convenience Kit Part Number	Customer UPN Number Single Sterile Part Number	Units
1200 psi (83 bars)	25.40 cm (10")	FLL – MLL	41031102	H965910311021	Box/25
1200 psi (83 bars)	25.40 cm (10")	FLL – RA	41031103	H965910311031	Box/25
1200 psi (83 bars)	50.80 cm (20")	FLL – MLL	41031202	H965910312021	Box/25
1200 psi (83 bars)	50.80 cm (20")	FLL – RA	41031203	H965910312031	Box/25
1200 psi (83 bars)	76.20 cm (30")	FLL – MLL	41031302	H965910313021	Box/25
1200 psi (83 bars)	76.20 cm (30")	FLL – RA	41031303	H965910313031	Box/25
1200 psi (83 bars)	121.92 cm (48")	FLL – MLL	41031482	H965910314821	Box/25
1200 psi (83 bars)	121.92 cm (48")	FLL – RA	41031483	H965910314831	Box/25

flexCIL* High Pressure Contrast Injection Line

- 1,200 psi (83 bars)
- Braided polyurethane for extra strength and maximum flexibility
- 1.8 mm (0.071") ID

- 3.6 mm (0.142") OD
- Flexibility: High
- Clarity: Medium



As shown: Female to Rotating Adaptor Fitting

	PSI Rating	Length	Fittings	Convenience Kit Part Number	Customer UPN Number Single Sterile Part Number	Units
Without Strap Clip	1200 psi (83 bars)	10.16 cm (4")	FLL – MLL	41051042	Not Available	N/A
	1200 psi (83 bars)	25.40 cm (10")	FLL – MLL	41051102	H965910511021	Box/25
	1200 psi (83 bars)	25.40 cm (10")	FLL – RA	41051103	H965910511031	Box/25
	1200 psi (83 bars)	50.80 cm (20")	FLL – MLL	41051202	H965910512021	Box/25
	1200 psi (83 bars)	50.80 cm (20")	FLL – RA	41051203	H965910512031	Box/25
	1200 psi (83 bars)	76.20 cm (30")	FLL – MLL	41051302	H965910513021	Box/25
	1200 psi (83 bars)	76.20 cm (30")	FLL – RA	41051303	H965910513031	Box/25
	1200 psi (83 bars)	121.92 cm (48")	FLL – FLL	41051481	Not Available	N/A
	1200 psi (83 bars)	121.92 cm (48")	FLL – MLL	41051482	H965910514821	Box/25
	1200 psi (83 bars)	121.92 cm (48")	FLL – RA	41051483	H965910514831	Box/25
	1200 psi (83 bars)	152.40 cm (60")	FLL – MLL	41051602	H749910516021	Box/25
	1200 psi (83 bars)	152.40 cm (60")	FLL – RA	41051603	H749910516031	Box/25
	1200 psi (83 bars)	182.88 cm (72")	FLL – MLL	41051722	H749910517221	Box/25
	1200 psi (83 bars)	182.88 cm (72")	FLL – RA	41051723	H749910517231	Box/25

Consult your AngioDynamics representative for country specific product availability.

Images may not represent actual products.

IMPORTANT RISK INFORMATION

Refer to Directions for Use provided with products for indications, complete instructions, warnings, and precautions.

NAMIC DEVICES: CONTRAST INJECTION LINES

INTENDED USE/INDICATIONS FOR USE: These devices are intended to be used in fluid management and/or invasive pressure monitoring systems.

CAUTION: Federal Law (USA) restricts these devices to sale by or on the order of a physician.



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Angiographic Core Wires

Flexible.
Reliable.
Multiple Configurations.



Our core wires provide solid support for diagnostic catheters, features flexibility, and unique J-tip shapes to assist with lengthy procedures.

Memorable "J"

- Smooth "J" shape designed for easy, atraumatic advancement
- Memory that provides stamina for lengthy procedures and tortuous anatomy

Enhanced Flexibility

- Firm, solid core lends the right amount of body and support
- Tip flexibility facilitates finger-straightening and passage through tortuous anatomy



Fixed Core Straight

OD (Inch)	OD (mm)	Length	Tip Description	Core	Taper Length	Coating	Convenience Kit Part Number	Customer UPN Number Single Sterile Part Number	Units
0.018	<0.51	60 cm (23.6")	Straight	Fixed	—	PTFE	97000108	H965970001081	Box/10
0.025	<0.69	60 cm (23.6")	Straight	Fixed	LT 15 cm (5.90")	PTFE	97000109	H965970001091	Box/10
0.025	<0.69	145 cm (57")	Straight	Fixed	—	PTFE	97000107	H965970001071	Box/10
0.032	<0.87	60 cm (23.6")	Straight	Fixed	LT 15 cm (5.90")	PTFE	97000113	H965970001131	Box/10
0.035	<0.94	145 cm (57")	Straight	Fixed	—	PTFE	97000101	H965970001011	Box/10
0.035	<0.94	145 cm (57")	Straight	Fixed	LT 10 cm (3.93")	PTFE	97000105	H965970001051	Box/10
0.035	<0.94	260 cm (102")	Straight	Fixed	—	PTFE	97000401	H965970004011	Box/10
0.038	<1.01	145 cm (57")	Straight	Fixed	—	PTFE	97000103	H965970001031	Box/10
0.038	<1.01	145 cm (57")	Straight	Fixed	LT 10 cm (3.93")	PTFE	97000106	H965970001061	Box/10
0.038	<1.01	145 cm (57")	Straight	Fixed	LT 15 cm (5.90")	PTFE	97000112	H965970001121	Box/10
0.038	<1.01	260 cm (102")	Straight	Fixed	<1.01 mm	PTFE	97000402	H965970004021	Box/10

Movable Core J-Tip

0.032	<0.87	145 cm (57")	3 mm (0.12") J	Movable	—	PTFE	97000507	H965970005071	Box/10
0.035	<0.94	145 cm (57")	3 mm (0.12") J	Movable	—	PTFE	97000501	H965970005011	Box/10
0.038	<1.01	145 cm (57")	3 mm (0.12") J	Movable	—	PTFE	97000503	H965970005031	Box/10

Fixed Core J-Tip

OD (Inch)	OD (mm)	Length	Tip Description	Core	Taper Length	Coating	Convenience Kit Part Number	Customer UPN Number Single Sterile Part Number	Units
0.025	<0.69	145 cm (57")	3 mm (0.12") J	Fixed	—	PTFE	97000216	H965970002161	Box/10
0.032	<0.87	145 cm (57")	3 mm (0.12") J	Fixed	—	PTFE	97000232	H965970002321	Box/10
0.035	<0.94	145 cm (57")	3 mm (0.12") J	Fixed	—	PTFE	19700202	H965970002021	Box/10
0.035	<0.94	145 cm (57")	3 mm (0.12") J	Fixed	LT 10 cm (3.93")	PTFE	97000208	H965970002081	Box/10
0.035	<0.94	145 cm (57")	3 mm (0.12") J EZ	Fixed	—	PTFE	97000222	H965970002221	Box/10
0.035	<0.94	145 cm (57")	15 mm (0.60") J	Fixed	—	PTFE	97000217	H965970002171	Box/10
0.035	<0.94	145 cm (57")	6 mm (0.24") J	Fixed	—	PTFE	97000235	H965970002351	Box/10
0.035	<0.94	175 cm (69")	3 mm (0.12") J	Fixed	—	PTFE	19700210	H965970002101	Box/10
0.035	<0.94	260 cm (102")	3 mm (0.12") J	Fixed	—	PTFE	97000405	H965970004051	Box/10
0.038	<1.01	145 cm (57")	3 mm (0.12") J	Fixed	—	PTFE	19700205	H965970002051	Box/10
0.038	<1.01	175 cm (69")	3 mm (0.12") J	Fixed	—	PTFE	97000211	H965970002111	Box/10
0.038	<1.01	260 cm (102")	3 mm (0.12") J	Fixed	—	PTFE	97000406	H965970004061	Box/10
0.035	<0.94	145 cm (57")	1.5 mm (0.06") J/Straight	Fixed, Double Ended	—	PTFE	97000307	H965970003071	Box/10
0.035	<0.94	145 cm (57")	3 mm (0.12") J/Straight	Fixed, Double Ended	—	PTFE	97000303	H965970003031	Box/10
0.038	<1.01	145 cm (57")	3 mm (0.12") J/Straight	Fixed, Double Ended	—	PTFE	97000302	H965970003021	Box/10

Benston Wire

0.035	<0.91	145 cm (57")	Softwire, Straight	Fixed	—	PTFE	97000601	H965970006011	Box/10
0.038	<0.98	145 cm (57")	Softwire, Straight	Fixed	.089 mm (0.04")	PTFE	97000602	H965970006021	Box/10

Rosen Wire

0.035	<0.94	175 cm (69")	Rosen, 1.5 mm (0.06") J	Fixed	2.5 cm (0.98")	PTFE	97000201	H965970002011	Box/10
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Consult your AngioDynamics representative for country specific product availability.

Images may not represent actual products.

IMPORTANT RISK INFORMATION

Refer to Directions for Use provided with products for indications, complete instructions, warnings, and precautions.

ANGIOGRAPHIC WIRES

INDICATION AND USAGE: Guidewires are intended for use in the percutaneous introduction of catheters.

CONTRAINDICATIONS: None known.

WARNINGS: Do not withdraw the guidewire through a metal cannula needle. Withdrawal may damage the guidewire or coating. If strong resistance is met during manipulation, discontinue the procedure and determine the cause for the resistance before proceeding. Avoid bending, kinking or modifying the shape of the wire.

CAUTION: Federal Law (USA) restricts these devices to sale by or on the order of a physician.



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International > Haaksbergweg 75 (Margrietoren), 1101 BR, Amsterdam Z-O > The Netherlands
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Interventional Necessities

Inflation Devices

Y-Adaptors

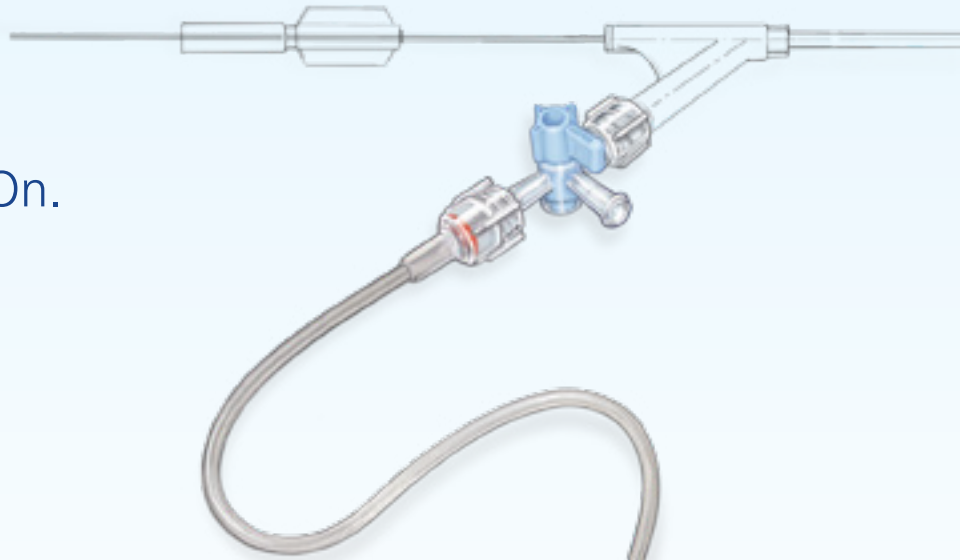
Tri-Adaptors

Torque Devices

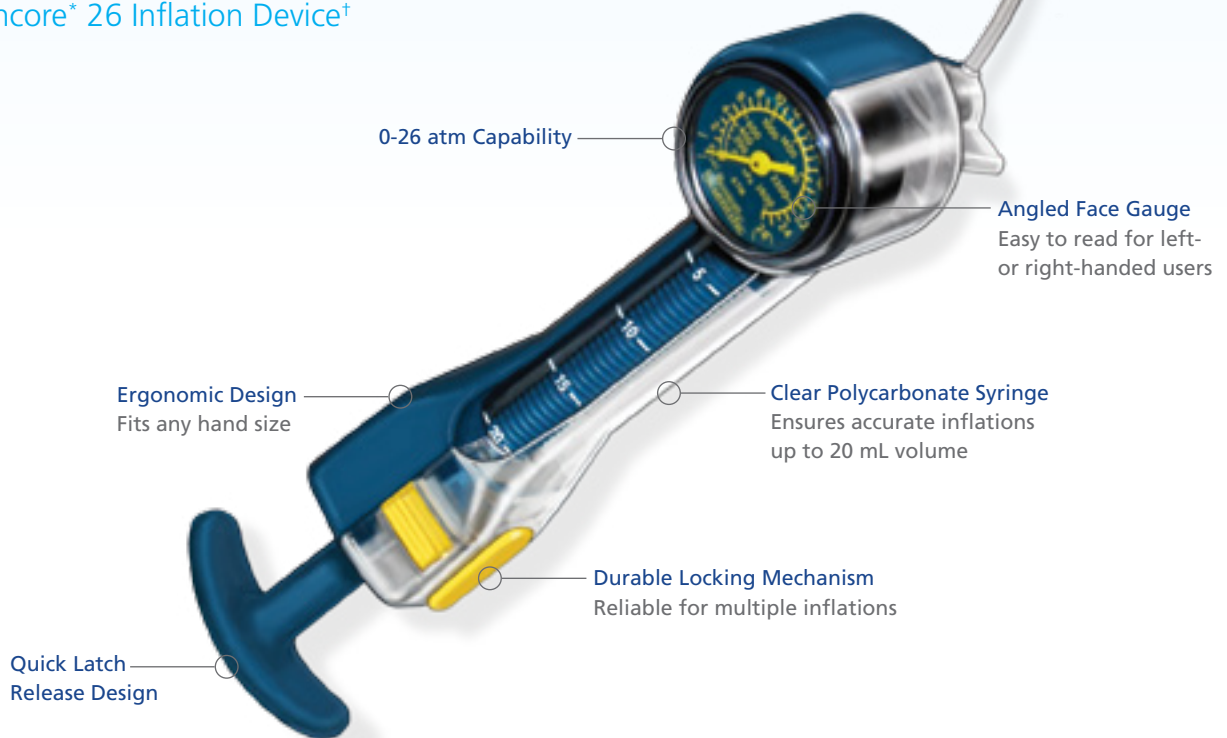
Guidewire Introducers

Interventional Necessities

Proven Quality.
Trusted Performance.
Accessories to Count On.



The Encore[®] 26 Inflation Device[†]



NAMIC Interventional Accessories

When quality and performance are essential, count on AngioDynamics. From the market's largest lumen Y-adaptors to the market's most used inflation device, each product is designed for confidence. It's quality you can trust every day.



Option 125⁺ Y-Adaptor

- 3.18 mm (0.125", 9.5 F) straight-through lumen
- Largest lumen we offer for best clearance
- Intermediate threading for rapid closure
- Elongated body style



NAMIC Insertion Tool

- Allows for quick and easy placement of guidewire through Y-adaptor
- Clear hub
- 0.46 mm (0.018") ID



Large Bore Y-Adaptor

- 2.87 mm (0.113", 8.6 F) straight-through lumen
- Fine threading for hemostasis control



Avenue^{*} Insertion Tool

- Allows for quick and easy placement of guidewire through Y-adaptor
- 0.46 mm (0.018") ID



Original Y-Adaptor

- 2.54 mm (0.100", 7.6 F) straight-through lumen
- Intermediate and fine threading options available



NAMIC Torque Device

- Glows in the dark for easy visualization
- Secure textured grip for torque control
- Accommodates 0.25 to 0.46 mm (0.010" to 0.018") wires



Gateway^{*} Y-Adaptor

- 2.99 mm (0.118", 9 F) internal through lumen
- Unique hemostatic valve with smooth catheter wire movement



TD2^{*} Torque Device

- Large, easy-to-grip handle
- Textured grip for torque control
- Accommodates 0.25 to 0.46 mm (0.010" to 0.018") wires



Option 125 Tri-Adaptor

- 3.18mm (0.125") main/2.79 mm (0.110") side
- Largest lumen we offer for best clearance



The Grip^{*} Torque Device

- Large torque device for easy handling
- White disk slides easily over wire for proper compression
- Accommodates 0.35 to 0.46 mm (0.014" to 0.018") wires



Original Tri-Adaptor

- 2.54 mm (0.100") main/2.36 mm (0.093") side
- Intermediate threading

NAMIC Essentials^{*} Kit Includes:

- TD2 Torque Device
- Avenue Insertion Tool
- Gateway Y-Adaptor

Inflation Devices

Available only in fluid management convenience kits

Device	Color	Pressure Range	Barrel Volume	Luminescent Gauge	Gauge	Latch Type	Threads	Convenience Kit Part Number	Customer UPN Number Single Sterile Part Number	Units
Encore 26	Teal and Yellow	0–26 ATM	20 mL	No	Angled/ In-Line	Lock/Squeeze	13 threads/square inch, Engaged	48500001	Not Available	N/A

Y-Adaptors and Y-Adaptor Kits

Available in convenience kits and single sterile

Y-Adaptor ID (Inch)	Y-Adaptor Name	Threading	Adaptor Extension	Y-Adaptor PSI Rating	Insertion Tool	Torque Device	Convenience Kit Part Number	Customer UPN Number Single Sterile Part Number	Units
2.54 mm (0.100")	Original Y	Fine	No	200 psi 14 bar	NAMIC	No	41400021 10045075	H965914000211	Box/5
2.54 mm (0.100")	Original Y	Fine	No	200 psi 14 bar	NAMIC	NAMIC	41400021 10045075 41400303	H965914002211	Box/5
2.54 mm (0.100")	Original Y	Fine	20.32 cm (8")	200 psi 14 bar	NAMIC	No	41400023 10045075	H965914000231	Box/5
2.54 mm (0.100")	Original Y	Intermediate	No	200 psi 14 bar	NAMIC	No	41400122 10045075	H965640001221	Box/5
2.54 mm (0.100")	Original Y	Intermediate	No	200 psi 14 bar	NAMIC	NAMIC	41400122 10045075 41400303	H965640002221	Box/5
2.87 mm (0.113")	Large Bore Y	Fine	No	200 psi 14 bar	NAMIC	No	41400123 10045075	H965640001231	Box/5
2.87 mm (0.113")	Large Bore Y	Fine	No	200 psi 14 bar	NAMIC	NAMIC	41400123 10045075 41400303	H965640002231	Box/5
2.87 mm (0.113")	Large Bore Y	Fine	25.40 cm (10")	200 psi 14 bar	NAMIC	No	41400124 10045075	H965640001241	Box/5
2.87 mm (0.113")	Large Bore Y	Fine	25.40 cm (10")	200 psi 14 bar	NAMIC	NAMIC	41400124 10045075 41400303	H965640002241	Box/5
3.18 mm (0.125")	Option 125*	—	No	200 psi 14 bar	NAMIC	No	41400025 10045075	H965914000251	Box/5
3.18 mm (0.125")	Option 125	—	No	200 psi 14 bar	NAMIC	NAMIC	41400025 10045075 41400303	H965914002251	Box/5
3.12 mm (0.118")	Gateway	—	No	200 psi 14 bar	Avenue	TD2	48500002 48500004 48500003	H74904494102	Box/10

Tri-Adaptors and Tri-Adaptor Kits

Available in convenience kits and single sterile

Tri-Adaptor ID (Inch)	Tri-Adaptor Name	Threading (Threads/Inch)	Adaptor Extension	Tri-Adaptor PSI Rating	Insertion Tool	Torque Device	Convenience Kit Part Number	Customer UPN Number Single Sterile Part Number	Units
2.54 mm (0.100") main lumen 2.36 mm (0.093") side lumen	Original Y	Fine	No	200 psi 14 bar	NAMIC	No	41400031 10045075	H965914000311	Box/5
2.54 mm (0.100") main lumen 2.36 mm (0.093") side lumen	Original Y	Fine	No	200 psi 14 bar	NAMIC	NAMIC	41400031 10045075 41400303	H965914002311	Box/5
3.18 mm (0.125") main lumen 3.11 mm (0.110") side lumen	Option 125	—	No	200 psi 14 bar	NAMIC	No	41400035 10045075	H965914000351	Box/5
3.18 mm (0.125") main lumen 3.11 mm (0.110") side lumen	Option 125	—	No	200 psi 14 bar	NAMIC	NAMIC	41400035 10045075 41400303	H965914002351	Box/5

Torque Devices

Available in convenience kits and single sterile

Device	Color	Wire Size Accepted	Convenience Kit Part Number	Customer UPN Number		Units
				Single Sterile Part Number		
NAMIC Torque Device	Neon Yellow	0.25–0.46 mm (0.010"–0.018")	41400303	H965914003001		Box/10
TD2 Torque Device	Yellow Body/ White Tip	0.25–0.46 mm (0.010"–0.018")	48500003	H74904487202		Box/20
The Grip	Blue/Teal and White	0.36–0.46 mm (0.014"–0.018")	Not Available	H74902470012		Box/10

Guidewire Introducers

Available in convenience kits and single sterile

Device	Color	Maximum Wire Used	Convenience Kit Part Number	Customer UPN Number		Units
				Single Sterile Part Number		
NAMIC Introducer	Clear Hub	0.46 mm (0.018")	10045075	H965914004001		Box/10
Avenue Insertion Tool	Yellow Hub	0.46 mm (0.018")	48500004	H74904490202		Box/20

Consult your AngioDynamics representative for country specific product availability.

Images may not represent actual products.

IMPORTANT RISK INFORMATION

Refer to Directions for Use provided with products for indications, complete instructions, warnings, and precautions.

NAMIC Y-ADAPTORS AND TRI-ADAPTORS

INTENDED USE/INDICATIONS FOR USE: NAMIC Y-Adaptors and Tri-Adaptors are recommended for supporting a fluid tight seal around percutaneous transluminal catheters and guidewires.

CONTRAINDICATIONS: None known.

WARNINGS: Excessive aspiration rate through the angled side port may result in air bypass through the hemostatic valve.

PRECAUTIONS: Do not over tighten the Y-Adaptor hemostatic valve(s). This may cause the lumen of the catheter to collapse and/or impair free movement of the wire. Always be sure that the hemostatic valve(s) is/are completely closed during aspiration or injection. The user of this device should carefully consider the size of the device to be inserted through the Y-Tri-Adaptor when selecting the size of the Y-Tri-Adaptor to be used. Pressures greater than 200 psi (1379 kPa) may result in leakage or detachment of components.

THE GRIP TORQUE DEVICE

INTENDED USE/INDICATIONS FOR USE: The Grip Torque Device provides a convenient gripping surface for manipulating steerable guidewires and hypotube style fixed wire catheters used in coronary balloon dilatation. The Grip Torque Device may also be used as an adjustable stop to limit the advancement of the steerable guidewire within the dilatation catheter.

CONTRAINDICATIONS: None known.

WARNINGS: The Grip Torque Device should be used only by physicians thoroughly trained in the technique of percutaneous transluminal coronary angioplasty. Do not use on the polymer portion of any catheter. Do not use if package is opened or damaged.

PRECAUTIONS: Use prior to the "Use By" date on the package.

AVENUE INSERTION TOOL

INTENDED USE/INDICATIONS FOR USE: The Avenue Insertion Tool is used to facilitate the introduction of a guidewire during general intravascular procedures.

GATEWAY PLUS Y-ADAPTOR

INTENDED USE/INDICATIONS FOR USE: The GateWay Plus Y-Adaptor is recommended for providing hemostasis around balloon dilatation catheters, guidewires, and other therapeutic devices during general intravascular procedures.

PRECAUTIONS: Prior to angioplasty, all equipment to be used for the procedure, including the dilatation catheter, should be carefully examined to verify proper function. This device should be used only by physicians thoroughly trained in angioplasty procedures. Before use of this device, administer appropriate anticoagulant. Do not over tighten the adjustable valve. Excessive tightening may inhibit the ability to manipulate the balloon dilatation catheter, guidewire or other therapeutic device and may also significantly increase dilatation catheter inflation/deflation times. Since therapeutic devices are fragile, exercise care during handling to reduce the possibility of accidental breakage. If resistance is felt during manipulation, discontinue

further movement and determine the cause. Ensure that the balloon dilatation catheters are completely deflated before inserting or withdrawing the balloon through the GateWay Plus Adaptor.

TD2 TORQUE DEVICE

INTENDED USE/INDICATIONS FOR USE: The TD2 Torque Device is used for guidewire manipulation during general intravascular procedures.

WARNINGS: This device should be used only by physicians thoroughly trained in angioplasty procedures.

PRECAUTIONS: Do not over tighten the polymer cap. Excessive tightening may abrade the guidewire coating and make loosening difficult. Should the cap be accidentally removed from the TD2 Torque Device, the collet must be seated in the body before the cap can be put on again.

THE ENCORE 26 INFLATION DEVICE

INTENDED USE/INDICATIONS FOR USE: The Encore 26 Inflation Device is recommended for use with balloon dilatation catheters to create and monitor pressure in the balloon, and to deflate the balloon.

CONTRAINDICATIONS: None known.

WARNINGS: None known.

NAMIC DEVICES: ADAPTORS, TORQUE DEVICES, GUIDEWIRES

INTENDED USE/INDICATIONS FOR USE: These devices are intended to be used in fluid management and/or invasive pressure monitoring systems.

CAUTION: Federal Law (USA) restricts these devices to sale by or on the order of a physician.



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Legal Manufacturer:
Navilyst Medical, Inc.,
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Standard Kits

Peripheral Vascular Kits

Cardiovascular Kits

Standard Kits



Complete. Ready-to-Use. Trusted for Safety.

NAMIC* products deliver what you need to keep your lab safe and productive—all in a convenient kit. There's no need to inventory multiple products. Streamlined set-up is fast and easy, by replacing bowls used to dispose of contaminated body fluids. Each kit comes complete with the devices necessary to reduce exposure to pathogens and manage fluids.

Standard Peripheral Vascular Angiographic Kits

Protection Station Plus Kits

- Access to saline, waste and contrast

Option 1

- Protection Station* Plus System with HP Stopcock
- 10 mL Radiology Control Syringe
- 5 Polypropylene Syringes
- 122 cm (48") flexCIL* Contrast Injection Line

Option 2

- Protection Station Plus System with HP Stopcock
- 10 mL Radiology Control Syringe
- 122 cm (48") flexCIL Contrast Injection Line

Option 3

- Protection Station Plus System with HP Stopcock
- 10 mL Radiology Control Syringe

Option 4

- Protection Station Plus System with HP Stopcock

Protection Station Kits

- Access to saline and waste

Option 1

- Protection Station System with HP Stopcock
- 10 mL Radiology Control Syringe
- 5 Polypropylene Syringes
- 122 cm (48") flexCIL Contrast Injection Line

Option 2

- Protection Station System with HP Stopcock
- 10 mL Radiology Control Syringe
- 122 cm (48") flexCIL Contrast Injection Line

Option 3

- Protection Station System with HP Stopcock
- 10 mL Radiology Control Syringe

Option 4

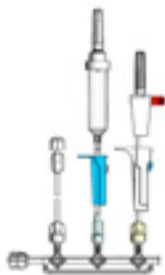
- Protection Station System with HP Stopcock

Standard Peripheral Vascular Angiographic Kits

Description	Customer UPN Number Single Sterile Part Number	Units
Standard Protection Station System	H749913102001	Box/10
Standard Protection Station System with 10 cc Radiology Control Syringe	H749913102101	Box/10
Standard Protection Station System with 10 cc Radiology Control Syringe and 122 cm (48") flexCIL Contrast Injection Line	H749913102201	Box/10
Standard Protection Station System with 10 cc Radiology Control Syringe, Polypropylene Syringes and 122 cm (48") flexCIL Contrast Injection Line	H749913102301	Box/10
Standard Protection Station Plus System	H749913103001	Box/10
Standard Protection Station Plus System with 10 cc Radiology Control Syringe	H749913103101	Box/10
Standard Protection Station Plus System with 10 cc Radiology Control Syringe and 122 cm (48") flexCIL Contrast Injection Line	H749913103201	Box/10
Standard Protection Station Plus System with 10 cc Radiology Control Syringe Polypropylene Syringes, and 122 cm (48") flexCIL Contrast Injection Line	H749913103301	Box/10

Standard Cardiovascular Kits

Standard Angiographic Kit with NAMIC Manifold



As shown: H965913013011

Description	Customer UPN Number Single Sterile Part Number	Units
Three-Valve NAMIC Manifold with Ports on Right and OFF Handles	H965913013011	Box/10
Three-Valve NAMIC Manifold with Ports on Right and ON Handles	H965913013031	Box/10

Each Kit Contains: Specified Manifold, 182 cm (72"); Chambered IV Spike with Filter; 182 cm (72") Vented IV Spike; 122 cm (48") Pressure Monitoring Line

Standard Angiographic Kit with Perceptor NAMIC Manifold



As shown: H965913013081

Three-Valve Perceptor Manifold with Ports on Right and OFF Handles	H965913013071	Box/10
Three-Valve Perceptor Manifold with Ports on Right and ON Handles	H965913013081	Box/10

Each Kit Contains: Specified Manifold; 182 cm (72") Chambered IV Spike with Filter; 182 cm (72") Vented IV Spike

Standard Right Heart Kits (NAMIC Transducer only)



As shown: H965700300201



As shown: H965700300211

Description	Cable Length	Customer UPN Number Single Sterile Part Number	Units
Stopcock End Port	122 cm (48")	H965700300211	Box/20
Stopcock Side Port	122 cm (48")	H965700300201	Box/20

Consult your AngioDynamics representative for country specific product availability.

Images may not represent actual products.

IMPORTANT RISK INFORMATION

Refer to Directions for Use provided with products for indications, complete instructions, warnings, and precautions.

NAMIC PROTECTION STATION

INTENDED USE/INDICATIONS FOR USE: The Protection Station is used for syringe flush, fluid administration and waste containment.
CONTRAINDICATIONS: None known.

PRECAUTIONS: Use proper aseptic technique while handling this product. Pressurized systems are intended for use with non-vented spikes. If using a vented spike in a pressurized system, close the vent flap. In non-pressurized fluid applications verify that the roller clamp is completely open to allow for the proper flow of the fluid during syringe aspirations. To reduce the possibility of back check valve leakage, limit fluid bag height to 36 inches (91 cm) or less. To prevent fluid loss with pressurized fluid applications, do not pressurize the system until the back check valve is connected to a stopcock, manifold or reflux valve. Do not pressurize the system in excess of 41 kPa (300 mmHg/6 psi).

NAMIC STOPCOCKS

INTENDED USE/INDICATIONS FOR USE: NAMIC Stopcocks are intended for use in hemodynamic monitoring procedures and for intraarterial and intravenous administration of water-based solutions or radiographic contrast media.
CONTRAINDICATIONS: None known.

WARNINGS: NAMIC Stopcocks are not recommended for use with lipids. Prolonged exposure to lipid solutions may result in stress cracking or leakage.

NAMIC ANGIOGRAPHIC CONTROL SYRINGE

INTENDED USE/INDICATIONS FOR USE: The NAMIC Angiographic Control Syringe is intended to be used for the intraarterial or intravenous administration of radiographic contrast media.
CONTRAINDICATIONS: None known.

WARNINGS: Do not store fluid in product. Inject immediately after filling. This syringe does not have a pressure gauge device. Therefore, it is not intended for balloon catheter inflation. Over inflation may result in the rupturing of the balloon.

NAMIC PERCEPTOR MANIFOLD

INTENDED USE/INDICATIONS FOR USE: Physiological pressure transducers are utilized during invasive pressure monitoring, catheterization procedures and fluid delivery.

WARNINGS: This product does not incorporate protection from accidental over pressurization. Over pressurization may permanently impair accuracy of the device. Do not exceed the following pressures when using this device - Main lumen: Medium Pressure Manifolds – 1379 kPa (200 psi/14bar) Static pressure; High Pressure Manifolds – 3447 kPa (500 psi/35 bar) Static pressure; Transducer Side Port – 41 kPa (6 psi/300 mmHg).

NAMIC PERCEPTOR DT DISPOSABLE TRANSDUCER

INTENDED USE/INDICATIONS FOR USE: Physiological pressure transducers are utilized during invasive pressure monitoring, catheterization procedures and fluid delivery.
CONTRAINDICATIONS: None known.

WARNINGS: Check for fluid leakage before and during the procedure. Leaks can result in the loss of sterility, fluid or blood loss, and/or air embolism. If a product leaks before or during use, retighten the leading connection or replace the product. This product does not incorporate protection from accidental over pressurization. Over pressurizing may permanently impair the accuracy of the device. Do not exceed the following pressure when using this device: 41 kPa (300 mmHg/6 psi).

PRECAUTIONS: Carefully read these instructions before using this product. If this product is being used in conjunction with other manufacturers' components, also read their instructions for use. Use proper aseptic techniques while handling this product. The presence of air in the system may dampen the transmission of the patient's pressure to the transducer. Be sure to eliminate all air bubbles. Do not use transducer port as a main injection site for fluids.

NAMIC DEVICES: MANIFOLDS, ADAPTORS, TORQUE DEVICES, GUIDEWIRES, EVACUATION SETS, PRESSURE MONITORING LINES, ANGIOGRAPHIC KITS, FLUID DELIVERY AND INJECTION SET

INTENDED USE/INDICATIONS FOR USE: These devices are intended to be used in fluid management and/or invasive pressure monitoring systems.

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Accessories

Fluoroscope Covers

Connectors/Adaptors

Miscellaneous

Accessories

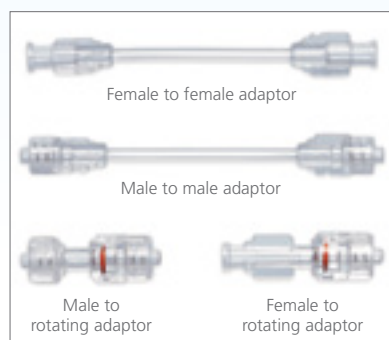
Trusted.

Known for Flexibility.

Designed for Performance.

AngioDynamics offers a range of accessories for your convenience, designed to meet your procedural needs.

Connectors / Adaptors



Description	Convenience Kit Part Number	Customer UPN Number Single Sterile Part Number	Units
Male to Rotating Adaptor	40027180	H749700271801	Box/25
Female to Rotating Adaptor	40044103	Not Available	N/A
Female to Female Tubing 5 cm (2")	40705101	H965907051011	Box/50
Male to Male Tubing 5 cm (2")	40705202	H965907052021	Box/50

The Pen and Medication Label Set

- Polypropylene labels are pre-printed for convenience
- Blank labels included for other medications
- Smear-resistant permanent marker for use in the sterile field



Label Format	Description	Convenience Kit Part Number	Customer UPN Number Single Sterile Part Number	Units
Drug Name Strength: _____ Date: ____ Init: ____	Permanent marking pen and medication label set • 20 pre-printed labels • 10 blank labels	40400108	Not Available	N/A

Hypodermic Needles

Only available in Convenience Kits

Gauge	Needle Length						
	Non-Safety			Safety			
	5/8"	1"	1 1/2"	1 1/2" w/filter	5/8"	1"	1 1/2"
18	—	—	—	10055001	—	—	—

Fluoroscope Covers

Description	Tape	Style	Convenience Kit Part Number
91 cm wide x 96 cm long (36" x 38")	No	Flat Sheet	10045276
46 cm (18")	No	Bouffant	10045160
56 cm (22")	No	Bouffant	10045163
69 cm (27")	No	Bouffant	10045171
30 cm wide x 30 cm long (12" x 12")	Yes	Regular	10045165
61 cm wide x 38 cm long (24" x 15")	Yes	Regular	10045161
76 cm wide x 91 cm long (30" x 36")	Yes	Regular	10045167
91 cm wide x 30 cm long (36" x 12")	Yes	Regular	10045157

Miscellaneous

Category	Description	Convenience Kit Part Number	Customer UPN Number Single Sterile Part Number	Units
Packaged Caps	(4) Universal/Dead Enders	(4) 10027000	H965640000011	N/A
Gauze (Specify Quantity)	5 cm x 5 cm (2" x 2")	10045389	Not Available	N/A
	10 cm x 10 cm (4" x 4")	13000107	Not Available	N/A
Reflux Valve	Reflux Valve (Pouch)	40400102	Not Available	N/A
Other Miscellaneous	Bag Decanter	10045119	Not Available	N/A
	Contrast Removal Valve	41300020	H965913000201	Box/25
	Strap Clip	10045242	Not Available	N/A

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IMPORTANT RISK INFORMATION

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NAMIC DEVICES: ACCESSORIES

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