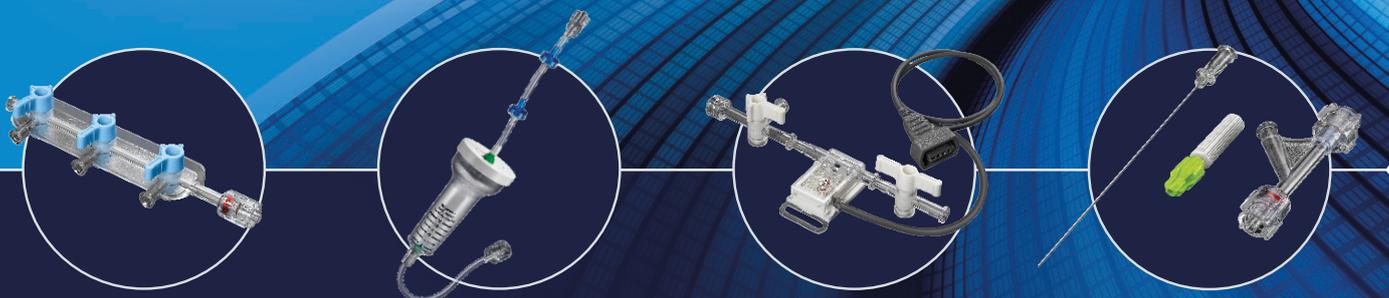
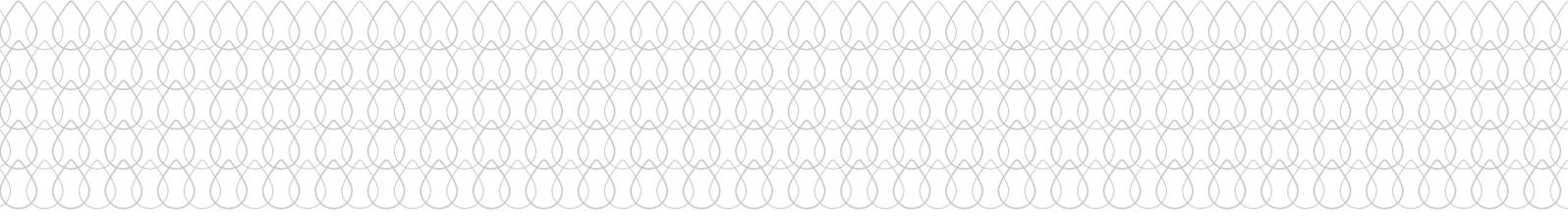




Cardiac and peripheral fluid management



At the heart of excellence



Care by the numbers:

**80,000+**

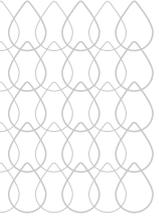
Medline-manufactured products address all med-surg and lab needs

**30+**

manufacturing centres in 7 countries

**50+**

clinically-trained product specialists ensure your products meet the demands of your lab



## **You're under pressure to deliver high-quality, consistent patient care efficiently and cost effectively.**

Sourcing products physicians trust, and managing supply issues and budget pressures can take time away from patient care and outcomes, challenging your teams' confident performance.

### **Realise care excellence with comprehensive solutions that optimise your clinical and financial performance.**

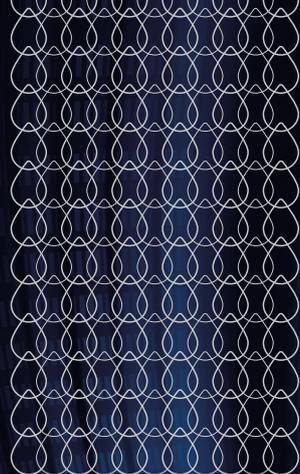
Set up your cath lab and interventional radiology (IR) department for success with a partner you can trust to deliver intuitive access, fluid management and patient monitoring products. Our manufacturing and logistics network ensures consistently high service levels.

We work with you to fully understand your product and operational challenges, help you identify gaps, workarounds, opportunities and solutions, so you can streamline operations and deliver optimal patient care.

## Tailored to your specific needs, NAMIC custom kits help you realise operational efficiencies.

Choose any of the items in this catalogue to get started. Our high-quality product portfolio is built around your clinical requirements.

01	<b>KIT OPTIMISATION</b>		
...	Custom Kits	8	
02	<b>FLUID MANAGEMENT</b>		
...	Manifolds	16	
	Syringes	22	
	Contrast Management	26	
	Stopcocks	30	
	Fluid Delivery Sets	36	
	Closed Fluid Systems	40	
...	Contrast Injection Lines	46	
03	<b>PATIENT MONITORING</b>		
...	Disposable Transducers		56
	Pressure Monitoring Lines		58
	Arterial Line Kits		60
	Transducer Accessories		61
...	Reusable Pressure Transducer Cables		62
04	<b>INTERVENTIONAL ESSENTIALS</b>		
...	Y-Adaptor Kits		68
	Tri-Adaptor Kits		71
	Insertion Tools		72
...	Torque Devices		72



## KIT OPTIMISATION

Custom Kits	8
Catheterisation (Cath) Lab Kits	8
Interventional Radiology Kits	10

## KIT OPTIMISATION

# Optimise efficiency and patient care

Maximise efficiency and performance with custom kits. Strategically assembled with the specific components you need, they help streamline operations and control costs.



## Custom Kits

### Angiographic control syringe

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

### Compensator manifold

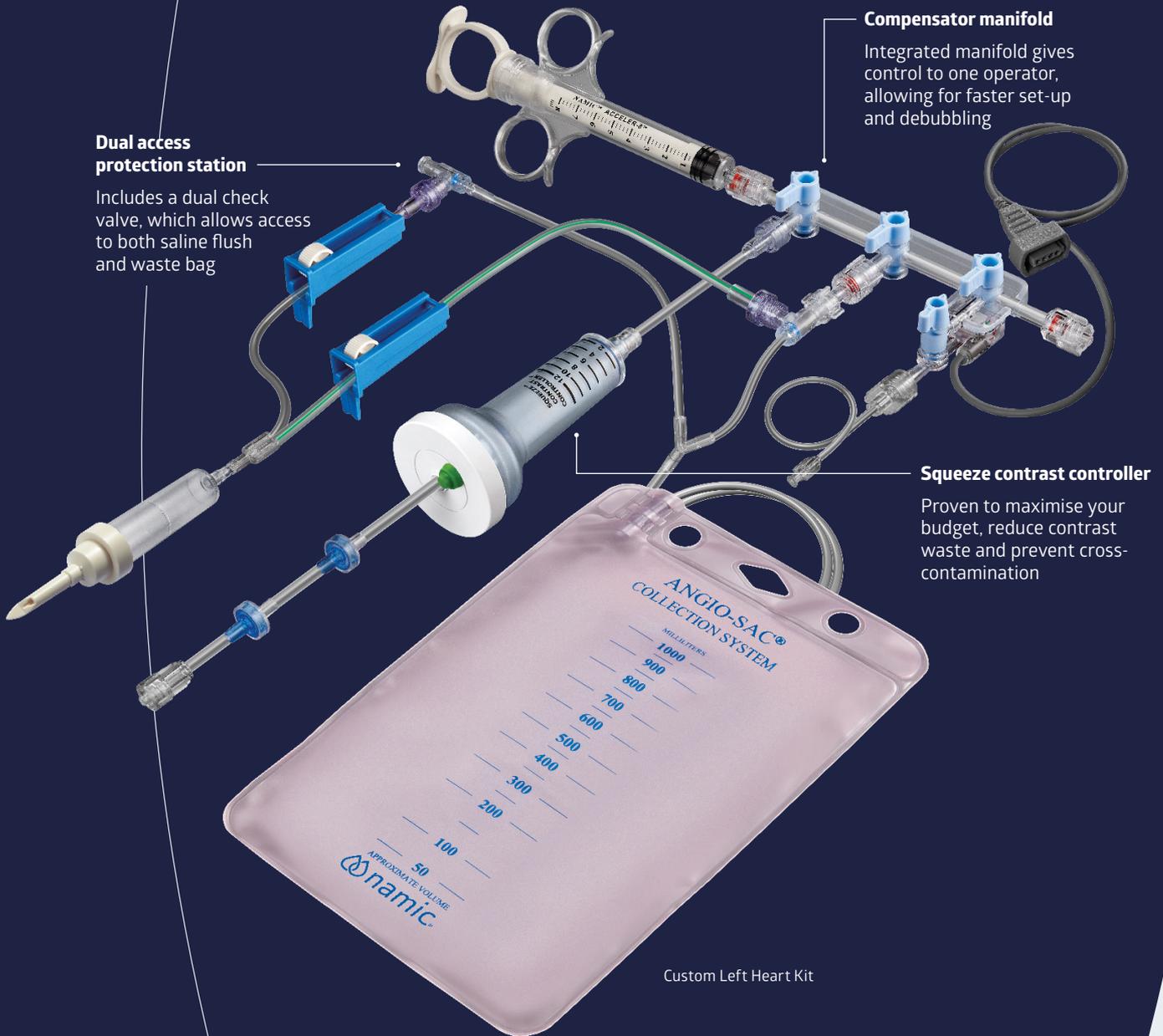
Integrated manifold gives control to one operator, allowing for faster set-up and debubbling

### Dual access protection station

Includes a dual check valve, which allows access to both saline flush and waste bag

### Squeeze contrast controller

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

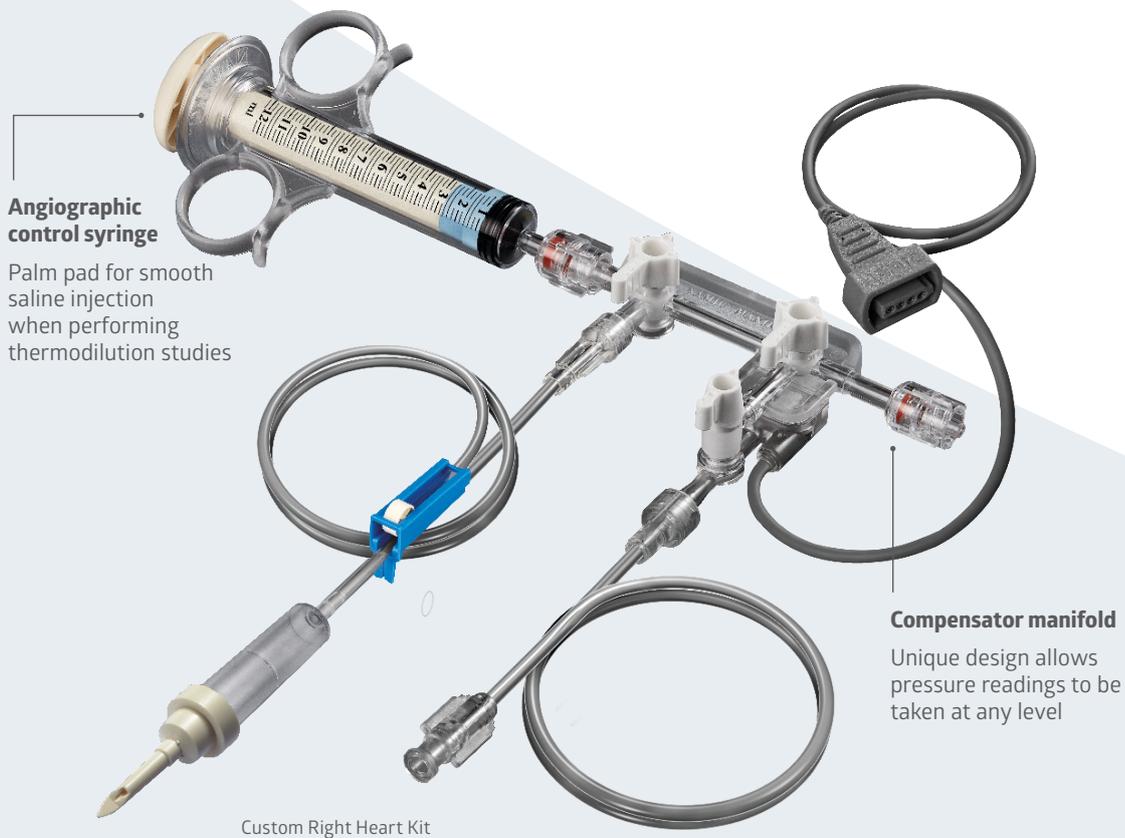


Custom Left Heart Kit

## ► Cath Lab Kits

The NAMIC fluid management system helps meet the challenges of the cardiac catheterisation lab. Kits are assembled to optimise your standard of care while streamlining the ordering process.

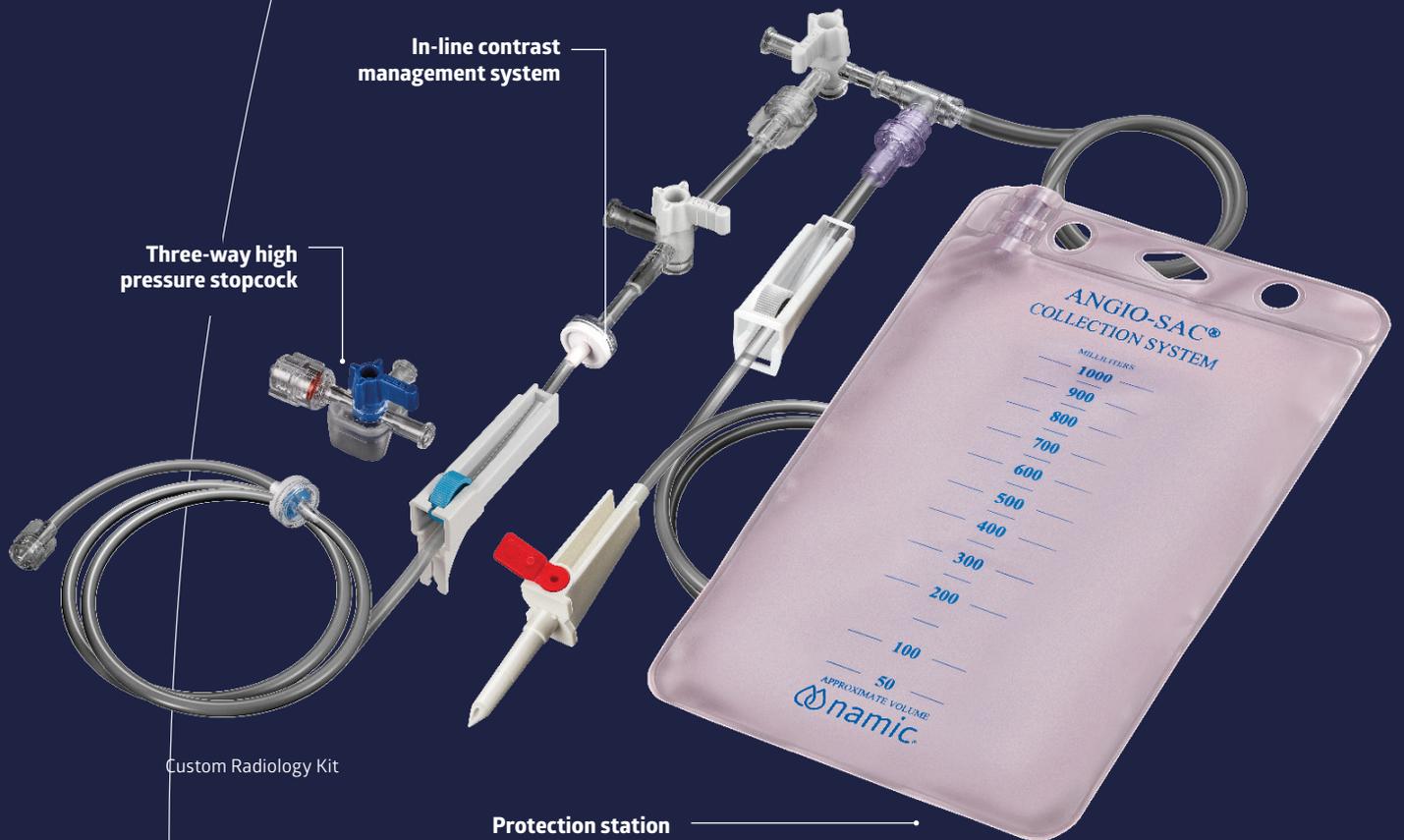
There's no time to question device quality or the utility of the set-up, which is why NAMIC kits are constructed for confidence in angiographic procedures.



### We can create custom kits for cath lab procedures such as:

- Left Heart Kits
- Right Heart Kits
- TAVR Kits
- Structural Heart Kits.

## Custom Kits



Three-way high pressure stopcock

In-line contrast management system

Custom Radiology Kit

### Protection station

Closed fluid system helps minimise exposure to blood-borne pathogens



Fluid waste bowl



Diagnostic guidewire



Needle holder and angiographic introducer needle

## ► Interventional Radiology Kits

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

You need devices you can trust and that perform consistently. NAMIC fluid management products are designed to meet the true challenges of your practice or lab. Since 1969, NAMIC products have been widely used in the industry, with features that answer clinical and operational needs.

### Coloured syringes: Polycarbonate

Clear polycarbonate design allows for visual inspection of air bubbles (available in different colours and sizes)



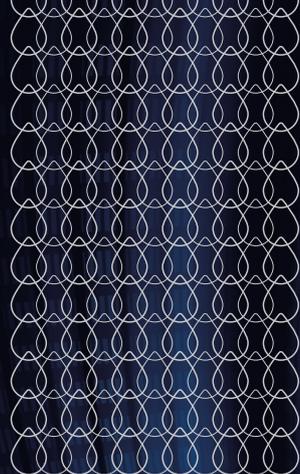
### flexCIL contrast injection line

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

### We can create custom kits for interventional lab procedures such as:

- Protection Station Waste Kits
- Neuroradiology Kits
- Access Kits
- Syringe Kits.





## FLUID MANAGEMENT

Manifolds	16
Syringes	22
Contrast Management	26
Stopcocks	30
Fluid Delivery Sets	36
Closed Fluid Systems	40
Contrast Injection Lines	46

## FLUID MANAGEMENT

# Optimise outcomes with the gold standard in patient care

You need devices you can trust that perform consistently. Our forward-thinking solutions are designed to bring flexibility, quality and choice to angiographic procedures.

3 million\*

NAMIC fluid management products support over 3 million vascular procedures per year.<sup>1</sup>

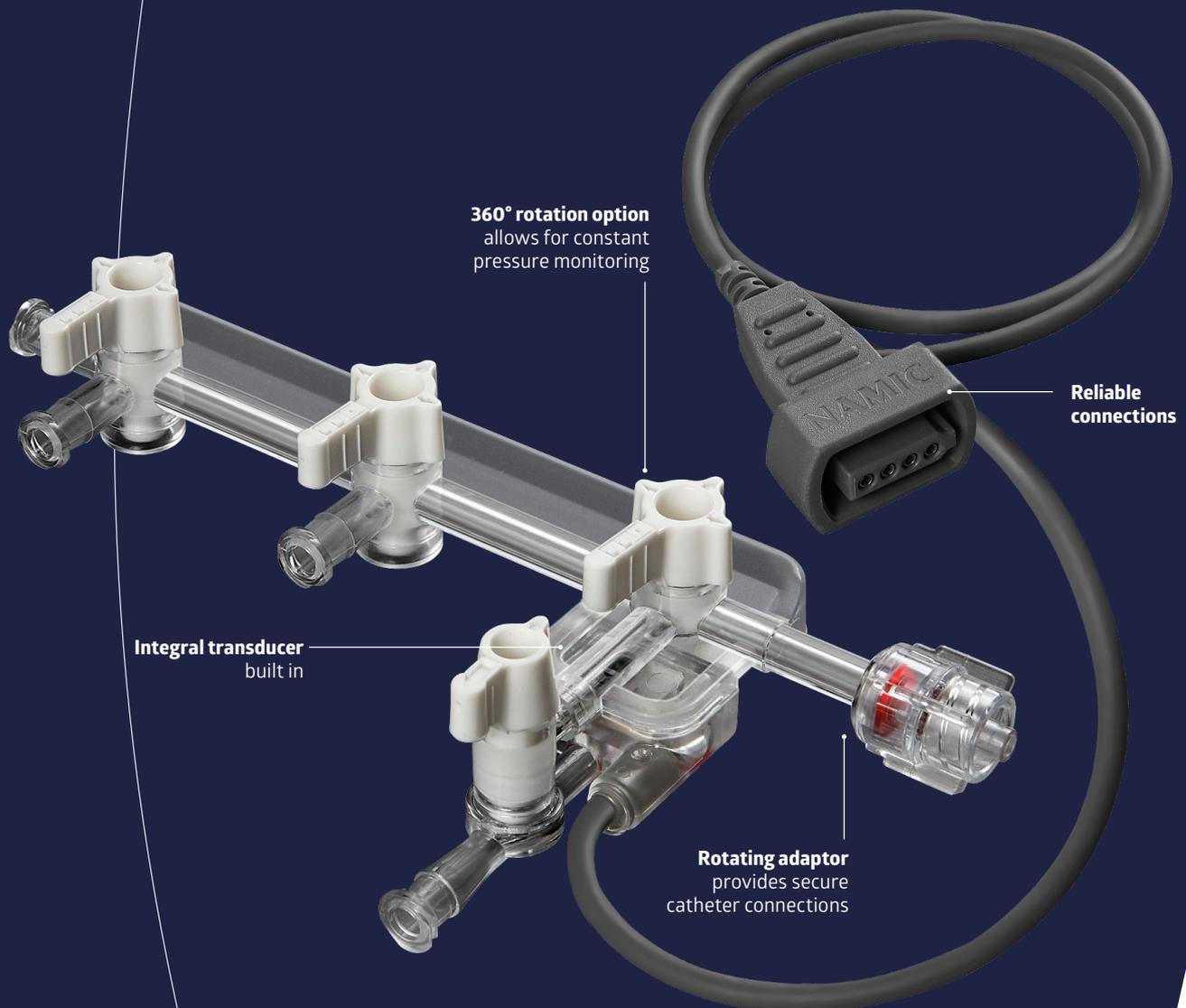
\*Based on 2020 unit sales



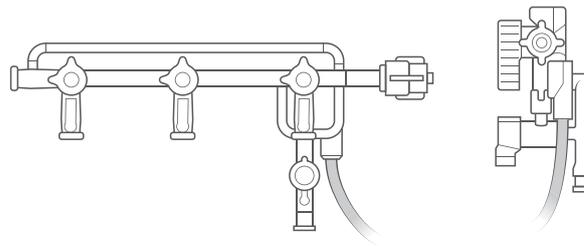
## Manifolds

### ▶ Compensator Manifolds

- Transducer is closer to the patient's heart and the source of pressure than with standard pole-mounted versions to enhance waveform fidelity
- Allows a single operator in the sterile field to zero and debubble
- Used with a pressure monitoring line that compensates for manifold movement to maintain constant pressure readings
- Fewer stopcock manipulations needed



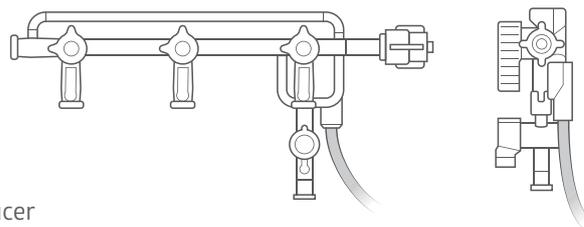
70058307



## Compensator Manifolds

- ◆ Pressure rating: 200 PSI
- ◆ Finger grip profile
- ◆ Packaged 10 per box

Item No.	Ports	Orientation	Handle	Kit component
70058107	1	Right	OFF	40258107
70058108	1	Right	ON	40258108
70058207	2	Right	OFF	40258207
70058208	2	Right	ON	40258208
70058307	3	Right	OFF	40258307
70058308	3	Right	ON	40258308
70058407	4	Right	OFF	40258407
70058408	4	Right	ON	40258408



## Perceptor Manifolds

- Uni-body manifold with integral transducer
- No compensation with a pressure monitoring line required
- Accurate pressures at the heart level

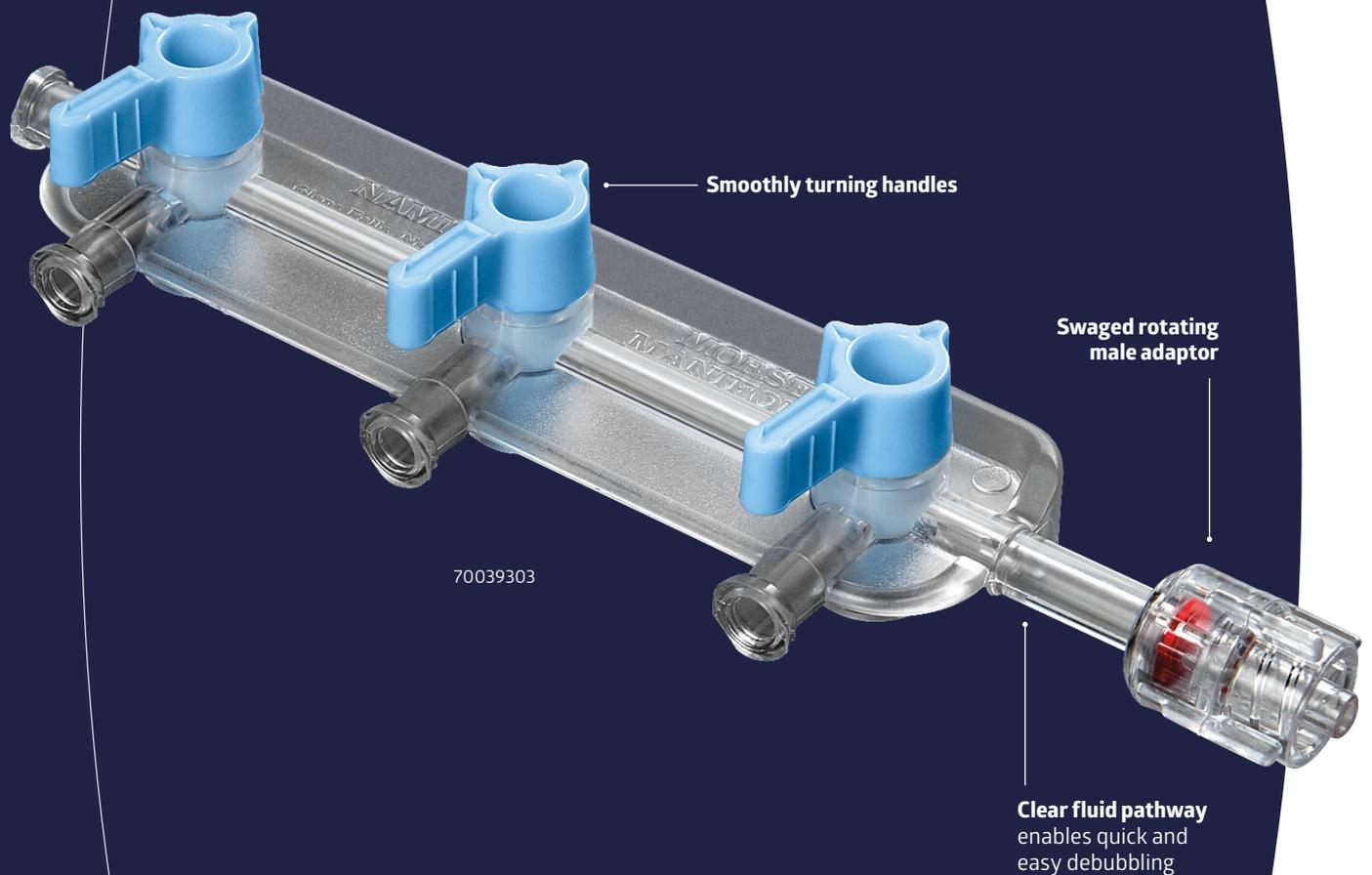
- ◆ Finger grip profile
- ◆ Packaged 10 per box

Item No.	Ports	Orientation	Handle	Pressure rating	Kit component
64037107	1	Right	OFF	500 PSI	40337107
70038107	1	Right	OFF	200 PSI	40238107
70038108	1	Right	ON	200 PSI	40238108
70038207	2	Right	OFF	200 PSI	40238207
70038208	2	Right	ON	200 PSI	40238208
70038217	2	Left	OFF	200 PSI	40238217
70038307	3	Right	OFF	200 PSI	40238307
64039307	3	Right	OFF	500 PSI	44039307
70038308	3	Right	ON	200 PSI	40238308
70038317	3	Left	OFF	200 PSI	40238317
70038407	4	Right	OFF	200 PSI	40238407
70038408	4	Right	ON	200 PSI	40238408
70038417	4	Left	OFF	200 PSI	40238417

## Manifolds

### ▶ Manifolds

- Designed to provide access to saline, contrast, pressure monitoring and waste management systems
- Easy to use with smoothly turning handles
- 200 PSI and 500 PSI available



## Block Style Manifolds

### Medium pressure

- ◆ Pressure rating: 200 PSI
- ◆ Regular handle style
- ◆ Packaged 25 per box

Item No.	Ports	Orientation	Handle	Kit component
70039200	2	Right	OFF	40239200
70039202	2	Right	ON	40239202
70039212	2	Left	OFF	40239212
70039301	3	Right	OFF	40239301
70039303	3	Right	ON	40239303
70039313	3	Left	OFF	40239313
70039402	4	Right	OFF	40239402
70039404	4	Right	ON	40239404
70039414	4	Left	OFF	40239414

### High pressure

- ◆ Pressure rating: 500 PSI
- ◆ Regular handle style
- ◆ Packaged 25 per box

Item No.	Ports	Orientation	Handle	Kit component
70037200	2	Right	OFF	40237200
70037202	2	Right	ON	40237202
70037212	2	Left	OFF	40237212
70037301	3	Right	OFF	40237301
70037303	3	Right	ON	40237303
70037313	3	Left	OFF	40237313
70037402	4	Right	OFF	40237402
70037404	4	Right	ON	40237404
70037414	4	Left	OFF	40237414



OFF handle

## Finger Grip Style Manifolds

### Medium pressure

- ◆ Pressure rating: 200 PSI
- ◆ Regular handle style
- ◆ Packaged 25 per box

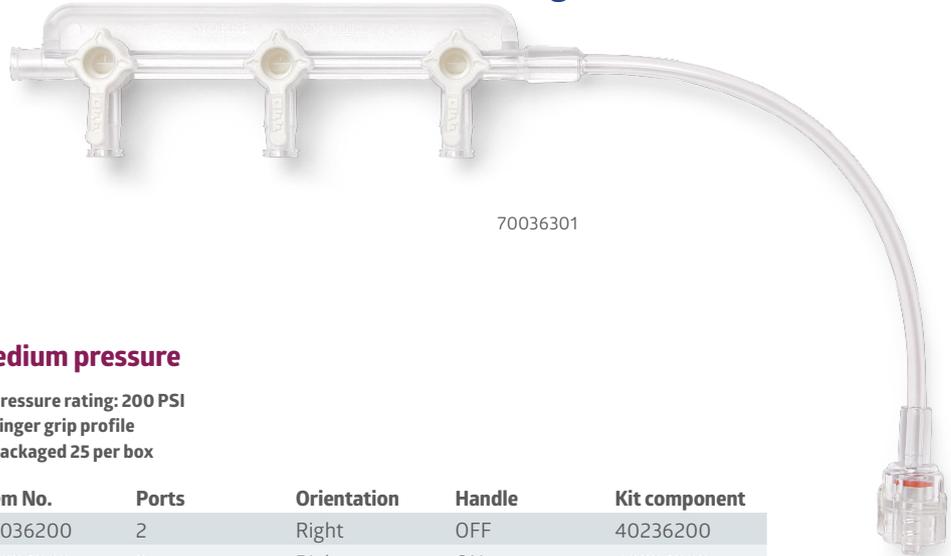
Item No.	Ports	Orientation	Handle	Kit component
70038200	2	Right	OFF	40238200
70038202	2	Right	ON	40238202
70038212	2	Left	OFF	40238212
70038301	3	Right	OFF	40238301
70038303	3	Right	ON	40238303
70038313	3	Left	OFF	40238313
70038402	4	Right	OFF	40238402
70038404	4	Right	ON	40238404
70038414	4	Left	OFF	40238414



ON handle

## Manifolds

### Manifolds with 15 cm Extension Tubing



70036301

#### Medium pressure

- ◆ Pressure rating: 200 PSI
- ◆ Finger grip profile
- ◆ Packaged 25 per box

Item No.	Ports	Orientation	Handle	Kit component
70036200	2	Right	OFF	40236200
70036202	2	Right	ON	40236202
70036301	3	Right	OFF	40236301
70036303	3	Right	ON	40236303



64038301

### Star Handle Manifolds

#### Medium pressure

- ◆ Pressure rating: 200 PSI
- ◆ Wide profile
- ◆ Packaged 25 per box

Item No.	Ports	Orientation	Handle	Kit component
64038200	2	Right	OFF	40338200
64038202	2	Right	ON	41338202
64038301	3	Right	OFF	40338301
64038303	3	Right	ON	41338303
64038402	4	Right	OFF	40338402
64038404	4	Right	ON	41338404



64038303

## Monitoring Manifolds

- Traditional monitoring manifold with all female ports
- Easy to use with smoothly turning handles
- Allows for multiple transducer mountings
- Ribbed back for mounting to a pole



Ribbed back

70039354

### All female ports

- ◆ Regular handle style
- ◆ Block profile
- ◆ Packaged 25 per box

Item No.	Ports <sup>†</sup>	Orientation	Handle	Kit component
70039352*	4	Universal	OFF	40239352
70039353*	5	Universal	OFF	40239353
70039354*	6	Universal	OFF	40239354
70039355*	7	Universal	OFF	40239355

\*Utilises clamp 64000270

<sup>†</sup>Includes both end ports

## Syringes

### ▶ Legacy Control Syringes

- NAMIC has a long history of providing control syringes used in the cath lab and IR space
- Clear polycarbonate material enables clear visualisation
- Designed to aid aspiration and injection of saline or contrast
- Complete with fixed Luer lock or rotating adaptor



## Thumb ring plunger style, narrow barrel

◆ Packaged 25 per case

Item No.	Volume	Fitting	Finger style	0.5 mL reservoir	Kit component
70083003	7 mL	Fixed male Luer lock	Finger ring	Yes	40083003
70083007	7 mL	Rotating male adaptor	Finger ring	Yes	40083007
70083013	7 mL	Fixed male Luer lock	Finger ring		40083013
70083017	7 mL	Rotating male adaptor	Finger ring		40083017
70084003	8 mL	Fixed male Luer lock	Finger ring	Yes	40084003
70084007	8 mL	Rotating male adaptor	Finger ring	Yes	40084007
70084013	8 mL	Fixed male Luer lock	Finger ring		40084013
70084017	8 mL	Rotating male adaptor	Finger ring		40084017

Finger ring  
70083007



## Thumb ring plunger style

◆ Packaged 10 per case

Item No.	Volume	Fitting	Finger style	0.5 mL reservoir	Kit component
70085003	10 mL	Fixed male Luer lock	Finger ring	Yes	40085003
70085004	10 mL	Fixed male Luer lock with 5.08 cm tubing	Finger ring	Yes	40085004
70085005	10 mL	Extended rotating male adaptor	Finger ring	Yes	40085005
70085007	10 mL	Rotating male adaptor	Finger ring	Yes	40085007
70085107	10 mL	Rotating male adaptor	Finger grip	Yes	40085107
70087003	12 mL	Fixed male Luer lock	Finger ring	Yes	40087003
70087107	12 mL	Rotating male adaptor	Finger grip	Yes	40087107
70087007	12 mL	Rotating male adaptor	Finger ring	Yes	40087007
70088003	12 mL	Fixed male Luer lock	Finger ring		40088003
70088007	12 mL	Rotating male adaptor	Finger ring		40088007
70075023	20 mL	Fixed male Luer lock	Finger ring	Yes	40075023
70075027	20 mL	Rotating male adaptor	Finger ring	Yes	40075027

Finger grip  
70085107



## Palm pad plunger style

◆ Packaged 10 per case

Item No.	Volume	Fitting	Finger style	0.5 mL reservoir	Kit component
70095003	10 mL	Fixed male Luer lock	Finger ring	Yes	40095003
70095007	10 mL	Rotating male adaptor	Finger ring	Yes	40095007
70095107	10 mL	Rotating male adaptor	Finger grip	Yes	40095107
70097003	12 mL	Fixed male Luer lock	Finger ring	Yes	40097003
70097007	12 mL	Rotating male adaptor	Finger ring	Yes	40097007
70097107	12 mL	Rotating male adaptor	Finger grip	Yes	40097107
70098007	12 mL	Rotating male adaptor	Finger ring		40098007
70098107	12 mL	Rotating male adaptor	Finger grip		40098107

Palm pad  
70095007



Saver-7 and Acceler-8 angiographic control syringes require less force during injections.<sup>†</sup>

## Comparative Benchtop Testing<sup>†</sup>

Smoother injection and aspiration in comparison to commonly used 8 mL control syringes



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



<sup>†</sup>Testing performed with data on file. Bench test results may not necessarily be indicative of clinical performance.

## Coloured Syringes: Polycarbonate Wing Style

- Fixed male Luer lock fitting
- Available with a 0.5 mL reservoir
- Palm plunger style
- Packaged 25 per box

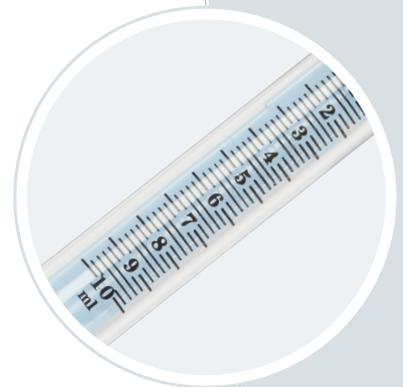
### 10 mL long wing style

	Item No.	0.5 mL reservoir	Kit component	
Colour	Pale blue	70505103	Yes	40505103
	Pale blue	—	—	40506103
	Bright blue	—	Yes	40505113
	Yellow	—	Yes	40505123
	Yellow	—	—	40506123
	Purple	—	Yes	40505133
	Red	—	Yes	40505163
	White	—	Yes	40505173
	White	—	—	40400502*

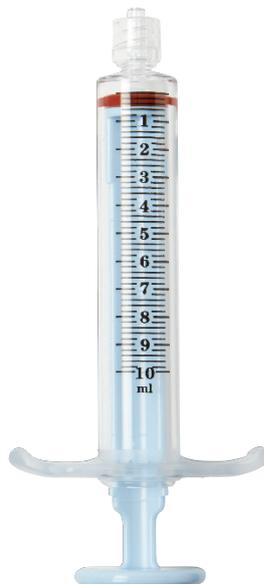
\*Removable plunger

### 10 mL short wing style

	Item No.	Kit component	
Colour	Pale blue	70506203	40506203
	Bright blue	—	40506213
	Yellow	—	40506223
	Purple	—	40506233
	Red	—	40506263
	White	—	40506273



70506203

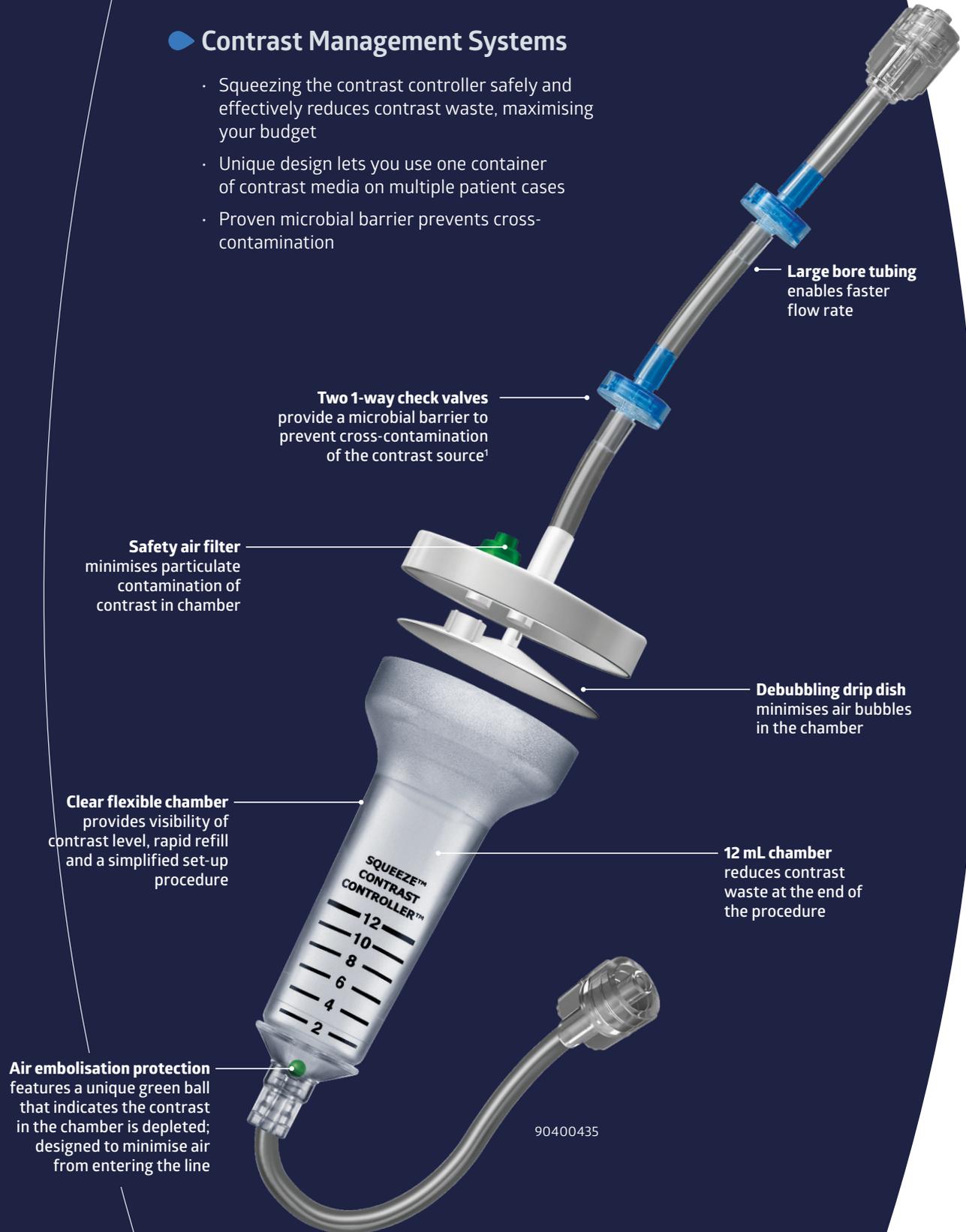


70505103

## Contrast Management

### ▶ Contrast Management Systems

- Squeezing the contrast controller safely and effectively reduces contrast waste, maximising your budget
- Unique design lets you use one container of contrast media on multiple patient cases
- Proven microbial barrier prevents cross-contamination



Large bore tubing enables faster flow rate

Two 1-way check valves provide a microbial barrier to prevent cross-contamination of the contrast source<sup>1</sup>

Safety air filter minimises particulate contamination of contrast in chamber

Debubbling drip dish minimises air bubbles in the chamber

Clear flexible chamber provides visibility of contrast level, rapid refill and a simplified set-up procedure

12 mL chamber reduces contrast waste at the end of the procedure

Air embolisation protection features a unique green ball that indicates the contrast in the chamber is depleted; designed to minimise air from entering the line

90400435

## Contrast management systems with squeeze chamber

- ◆ Two 1-way check valves
- ◆ Includes green ball
- ◆ Packaged 10 per case

Item No.	Tubing length	3-way stopcock	Tubing type	Fitting	Kit component
90400435	183 cm	No	IV tubing	Male-male Luer lock	40400435
—	183 cm	Yes	IV tubing	Male-male Luer lock	49000080
—	5 cm 183 cm	Yes No	Large bore	Male-female Luer lock male-male Luer lock	45602640*
—	5 cm 183 cm	No No	Large bore	Male-male Luer lock Male-female Luer lock	49000139, 45602545*

\*Kit components attached together

## Non-chambered in-line contrast management systems

- ◆ Tubing length: 183 cm
- ◆ Includes two 1-way check valves and roller clamp
- ◆ Male-male Luer lock fitting
- ◆ Packaged 10 per case

Item No.	Tubing colour	Tubing type	Stopcock	Kit component
—	Green striped	IV	No	40400018
64000010	Clear	IV	3-way	40400010

## Contrast Management

### ► Transfer Spikes

- Interchangeable for use with contrast or saline solutions

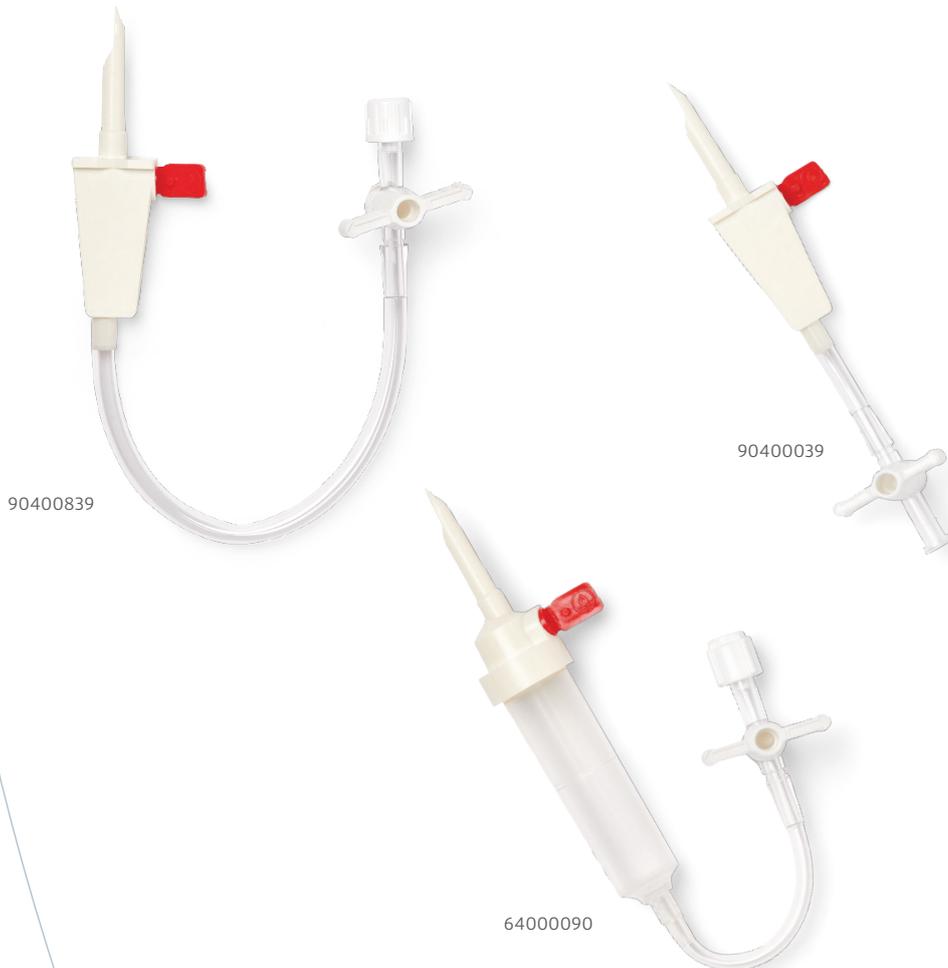
#### Non-pressurised

##### ► Vented

Item No.	Spike or chamber	Length	Tubing size	Stopcock	Kit component	Pkg.
90400039	Spike head	3.8 cm	Large bore	1-way	40400039	25 per box
90400839	Spike head	15.2 cm	Large bore	1-way	40400839	25 per box
–	Spike head	3.8 cm	Large bore	3-way	45627083	
64000090	Chamber	7.6 cm		1-way	40400001	25 per box

#### Pressurised

Item No.	Spike or chamber	Length	Vented	Tubing size	Stopcock	Kit component
–	Sosa spike head	5 cm	Yes	Large bore	1-way	46601501

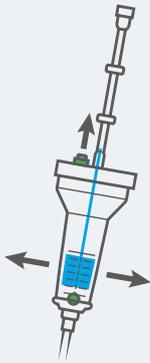


## How to fill a squeeze contrast chamber



### 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 to 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.

## Stopcocks

### ► One-, Three- and Four-Way Stopcocks

- Externally operated valve helps regulate the flow of liquid
- Responsive ON/OFF valve for greater efficiency



**One-way stopcock**  
70055017



**Three-way stopcock**  
70055009

## ► Stopcocks—One-Way Body Style

### Low pressure

Item No.	Pressure rating	Fitting	Kit component	Pkg.
70015015	200 PSI	Rotating male collar	40015015	50 per box
70015016	200 PSI	Male slip tip	40015016	50 per box

### High pressure

Item No.	Pressure rating	Fitting	Kit component	Pkg.
70055017	1,050 PSI	Fixed male Luer lock	40055017	50 per box



Rotating male collar  
70015015



Male slip tip  
70015016



Fixed male Luer lock  
70055017

# Stopcocks

## ▶ Stopcocks—Three-Way Body Style



Fixed male Luer lock  
70015003



Rotating male collar  
70015002



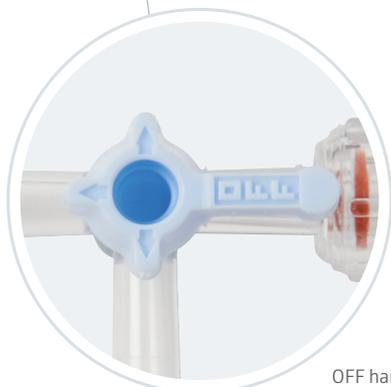
Male slip tip  
70015000

### Low pressure

Item No.	Pressure rating	Handle	Fitting	Kit component	Pkg.
70015003	200 PSI	OFF	Fixed male Luer lock	40015003	50 per box
70015002	200 PSI	OFF	Rotating male collar	40015002	50 per box
70015000	200 PSI	OFF	Male slip tip	40015000	50 per box



ON handle



OFF handle



Fixed male Luer lock  
70035003



Rotating male collar  
70035002



Rotating male adaptor—right handed  
70035009



Fixed male Luer lock  
70055003



Rotating male adaptor—right handed  
70055009

### Medium pressure

Item No.	Pressure rating	Handle	Fitting	Kit component	Pkg.
70035009	400 PSI	OFF	Rotating male adaptor—right handed	40035009	50 per box
70035002	400 PSI	OFF	Rotating male collar	40035002	50 per box
70035008	400 PSI	OFF	Rotating male adaptor—left handed	40035008	50 per box
70035003	400 PSI	OFF	Fixed male Luer lock	40035003	50 per box

### High pressure

Item No.	Pressure rating	Handle	Fitting	Kit component	Pkg.
70055003	1,050 PSI	OFF	Fixed male Luer lock	40055003	50 per box
70055009	1,050 PSI	OFF	Rotating male adaptor—right handed	40055009	50 per box
70055008	1,050 PSI	OFF	Rotating male adaptor—left handed	40055008	50 per box

# Stopcocks

## ▶ Stopcocks—Four-Way Body Style

- ◆ Handles OFF
- ◆ Packaged 50 per case

### Low pressure

Item No.	Pressure	Pressure rating	Fitting	Kit component
70015012	Low	200 PSI	Rotating male collar	40015012
70015013	Low	200 PSI	Fixed male Luer lock	40015013
70015010	Low	200 PSI	Male slip tip	40015010

\*Flow rate is 200mL/minute

### Medium pressure

Item No.	Pressure	Pressure rating	Fitting	Kit component
70035012	Medium	400 PSI	Rotating male collar	40035012
70035013	Medium	400 PSI	Fixed male Luer lock	40035013



Male slip tip  
70015010



Fixed male Luer lock  
70035013



Rotating male collar  
70015012

## ► Extension Sets with Stopcocks

- 3- and 4-way body stopcocks with extension tubing
- Available with pressure monitoring tubing or IV tubing

### Pressure monitoring tubing

- Male Luer lock fitting
- Packaged 25 per case

Item No.	Body style	Length	Kit component
90703050	3-way	11.43 cm	40703050
90703062	3-way	15.24 cm	40703062
90703092	3-way	22.86 cm	40703092
90703122	3-way	30.48 cm	40703122

### IV tubing

- Male slip tip fitting
- Packaged 25 per case

Item No.	Body style	Length	Kit component
70015312	3-way	30.48 cm	40015312
70015320	3-way	50.80 cm	40015320
70015333	3-way	83.82 cm	40015333
70015412	4-way	30.48 cm	40015412
70015420	4-way	50.80 cm	40015420
70015433	4-way	83.82 cm	40015433



70015312



90703122

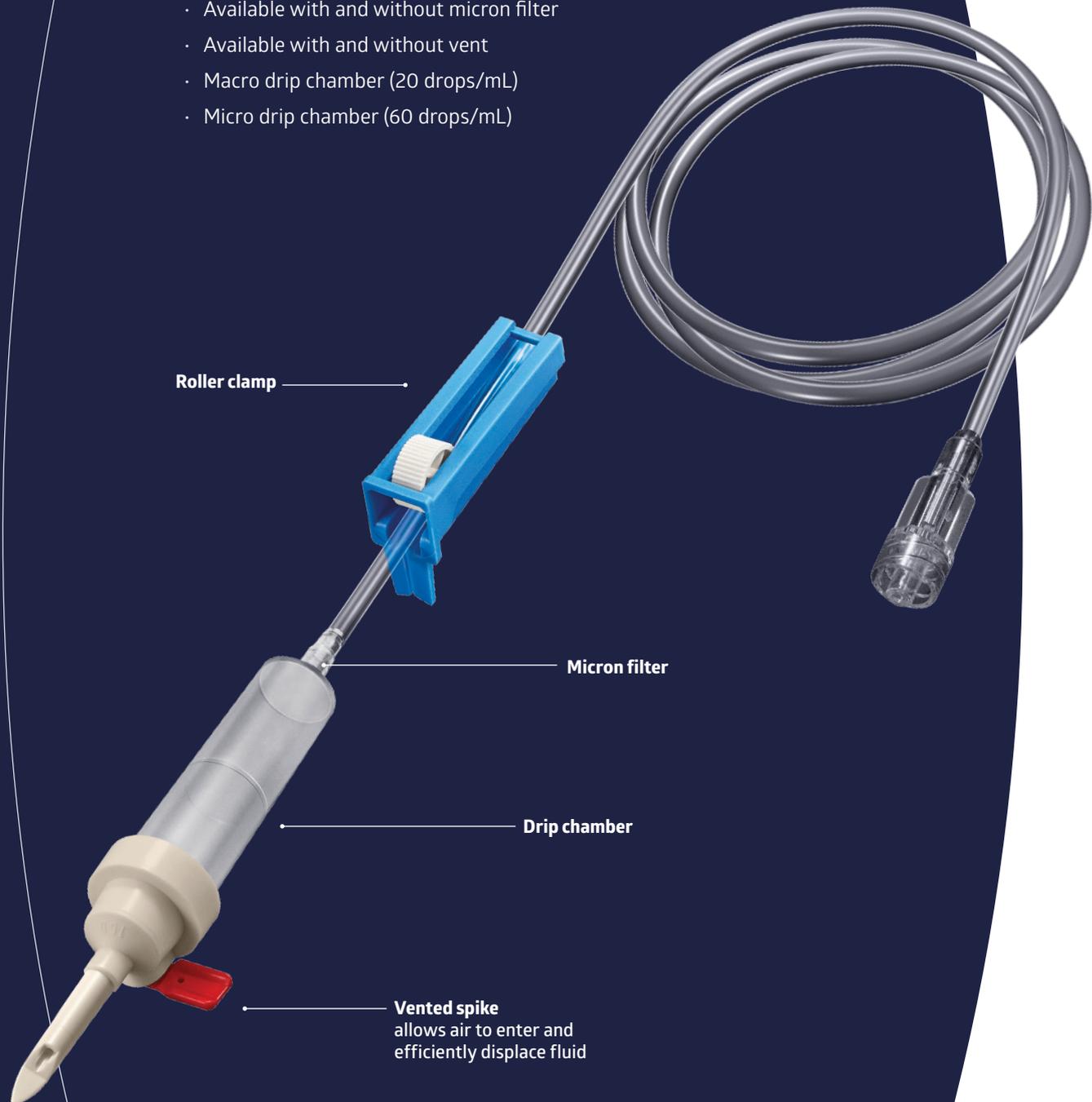


Male slip tip

## Fluid Delivery Sets

### ▶ IV Tubing: Drip Chamber

- Designed for saline or contrast dye in operating theatres and labs
- Roller clamp allows for flow adjustment
- Available with and without micron filter
- Available with and without vent
- Macro drip chamber (20 drops/mL)
- Micro drip chamber (60 drops/mL)



## IV Tubing: Vented Drip Chamber

- ◆ Macro chamber drip
- ◆ Packaged 25 per case

### Vented without micron filter

Item No.	Tubing length	Style	Kit component
91300005	182.88 cm	Single	10029130

### Vented with micron filter

Item No.	Tubing length	Style	Kit component
—	182.88 cm	Single	49000053

## IV Tubing: Non-Vented Drip Chamber

- ◆ Packaged 25 per case

### Non-vented without micron filter

Item No.	Tubing length	Style	Chamber drip	Kit component
91300012	121.92 cm	Bifurcated	Macro	10027012
91300035	182.88 cm	Bifurcated	Macro	10027035
91300013	121.92 cm	Trifurcated	Macro	10027013

### Non-vented with micron filter

Item No.	Tubing length	Style	Chamber drip	Kit component
91300011	121.92 cm	Single	Macro	40427048
91300001	121.92 cm	Single	Micro	10027001
91300052	182.88 cm	Single	Macro	10027052
91300009	274.32 cm	Single	Macro	10029118
99000070	342.90 cm	Single	Macro	40427028
99000069	342.90 cm	Single	Micro	40427015
—	152.40 cm	Bifurcated	Macro	40438285

## Fluid Delivery Sets

### IV Tubing: Drip Chamber

CONTINUED

#### Coloured IV Tubing: Drip Chamber

Single line



##### Non-vented with micron filter

		Item No.	Tubing length	Chamber drip	Kit component
Colour	Red	—	182.88 cm	Macro	49000191
	Green	—	182.88 cm	Macro	49000190
	Blue	—	182.88 cm	Macro	49000192
	Red	—	243.84 cm	Macro	46638110
	Blue	—	243.84 cm	Macro	46638111
	Red	—	342.90 cm	Macro	49000225
	Blue	—	342.90 cm	Macro	49000226
	Yellow	—	342.90 cm	Macro	49000227
	Green	—	342.90 cm	Macro	49000228
	Red	—	342.90 cm	Micro	49000221
	Blue	—	342.90 cm	Micro	49000222
	Yellow	—	342.90 cm	Micro	49000223
	Green	—	342.90 cm	Micro	49000224

##### Non-vented without micron filter

		Item No.	Tubing length	Chamber drip	Kit component
Colour	Red	—	182.88 cm	Macro	45638144
	Yellow	—	182.88 cm	Macro	45638145
	Green	—	182.88 cm	Macro	49000040
	Blue	—	182.88 cm	Macro	45638174

##### Vented with micron filter

		Item No.	Tubing length	Chamber drip	Kit component
Colour	Yellow	—	182.88 cm	Macro	48838075
	Blue	—	182.88 cm	Macro	48838076

##### Vented without micron filter

		Item No.	Tubing length	Chamber drip	Kit component
Colour	Red	—	243.84 cm	Macro	49000112
	Yellow	—	243.84 cm	Macro	49000114
	Blue	—	243.84 cm	Macro	49000113

## IV Tubing: Spike Head

● Packaged 25 per case

Item No.	Tubing length	Style	Vent	Kit component
91300004	182.88 cm	Single	Yes	40427004
91300040	182.88 cm	Single	No	40427040
91300007	274.32 cm	Single	Yes	40427007
—	172.72 cm	Bifurcated	Yes	40427059

### Coloured IV Tubing: Spike Head

Colour	Item No.	Tubing length	Vent	Kit component
Green	—	182.88 cm	Yes	40429019
Blue	—	182.88 cm	Yes	45638152
Red	—	182.88 cm	Yes	40445254
Yellow	—	182.88 cm	Yes	45638137

## Large Bore Tubing: Spike Head

● Packaged 25 per case

Item No.	Tubing length	Style	Vent	Pressurised	Kit component
91300020	2.86 cm	Single with female fitting	Yes	No	—
91300026	182.88 cm	Single	Yes	No	40427275
91300021	182.88 cm	Single with sosa spike	Yes	Sosa	41300031
90500070	182.88 cm	Single with dual back check valve	Yes	No	40401601

### Coloured Large Bore Tubing: Spike Head

Colour	Item No.	Tubing length	Vent	Kit component
Blue	—	182.88 cm	Yes	49000056
Yellow	—	182.88 cm	Yes	45638095
Red	—	182.88 cm	Yes	49000057



Sosa spike



90500070

## Closed Fluid Systems

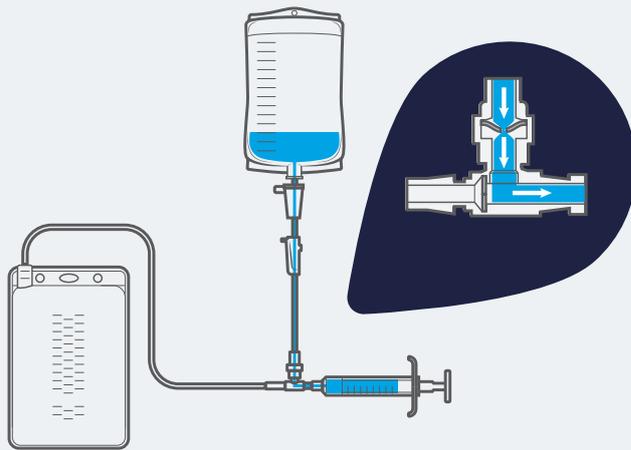
### ▶ Protection Station Plus

- Designed for easy access to saline flush and contrast media with closed fluid waste containment
- For reduced exposure to blood-borne pathogens during procedures
- Simpler set-up and clean-up



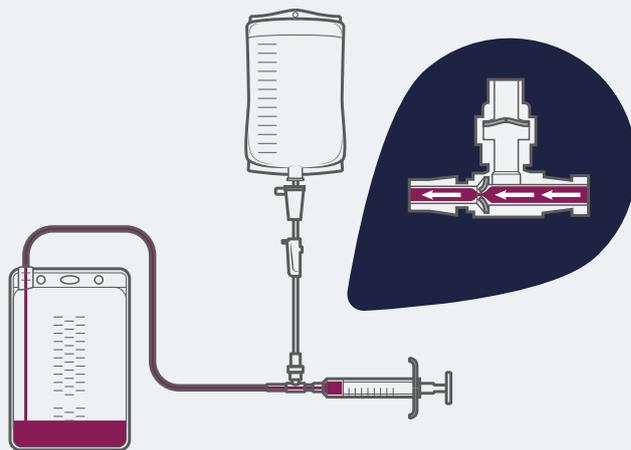
64000934

## How the NAMIC protection station closed fluid system works



### Aspiration

As the syringe is aspirated, a one-way valve leading to saline opens, filling the syringe, while the valve to the waste bag closes.



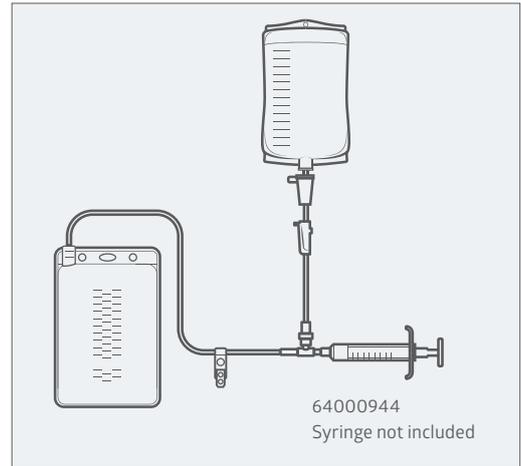
### Injection

The one-way valve leading into the waste bag opens when the syringe fluids are infused, allowing the passage of bodily fluids while the valve to the saline closes.

## Closed Fluid Systems

### Protection Station

◆ Packaged 20 per case



### Vented Spike Head

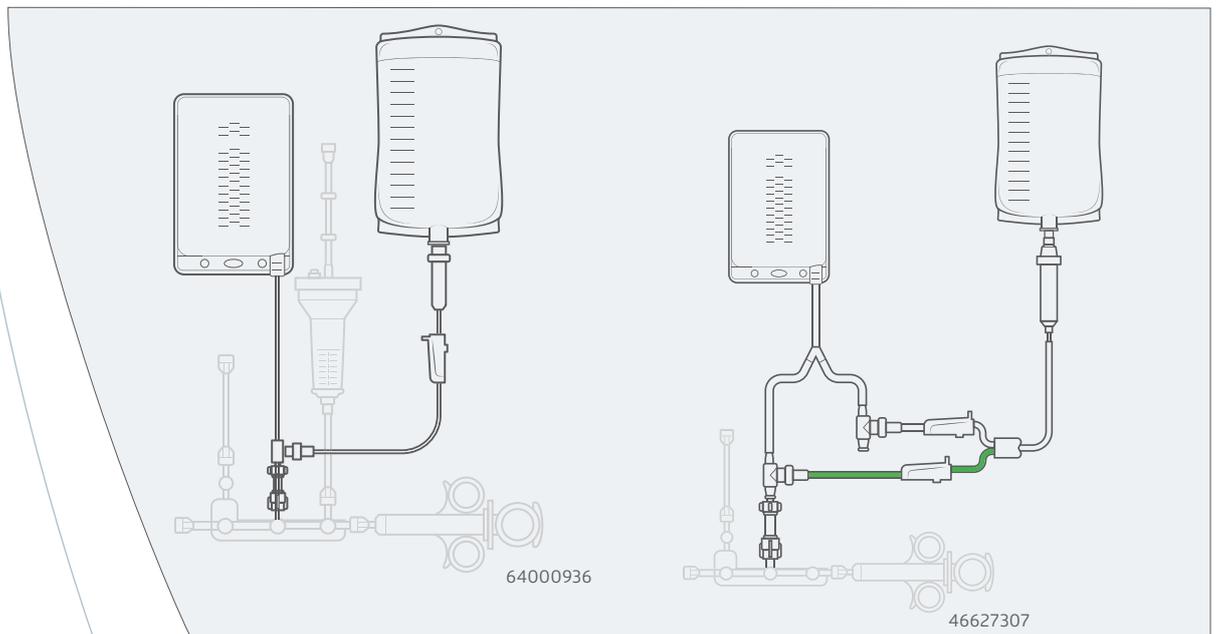
Item No.	Pressurised	Number of lines	Fitting	Strap clip	Kit component
64000934	No	Single	Female		40400900
64000944	No	Single	Female	Yes	40400900; 10045242
94000904	No	Bifurcated	Female	Yes	40400904; 10045242

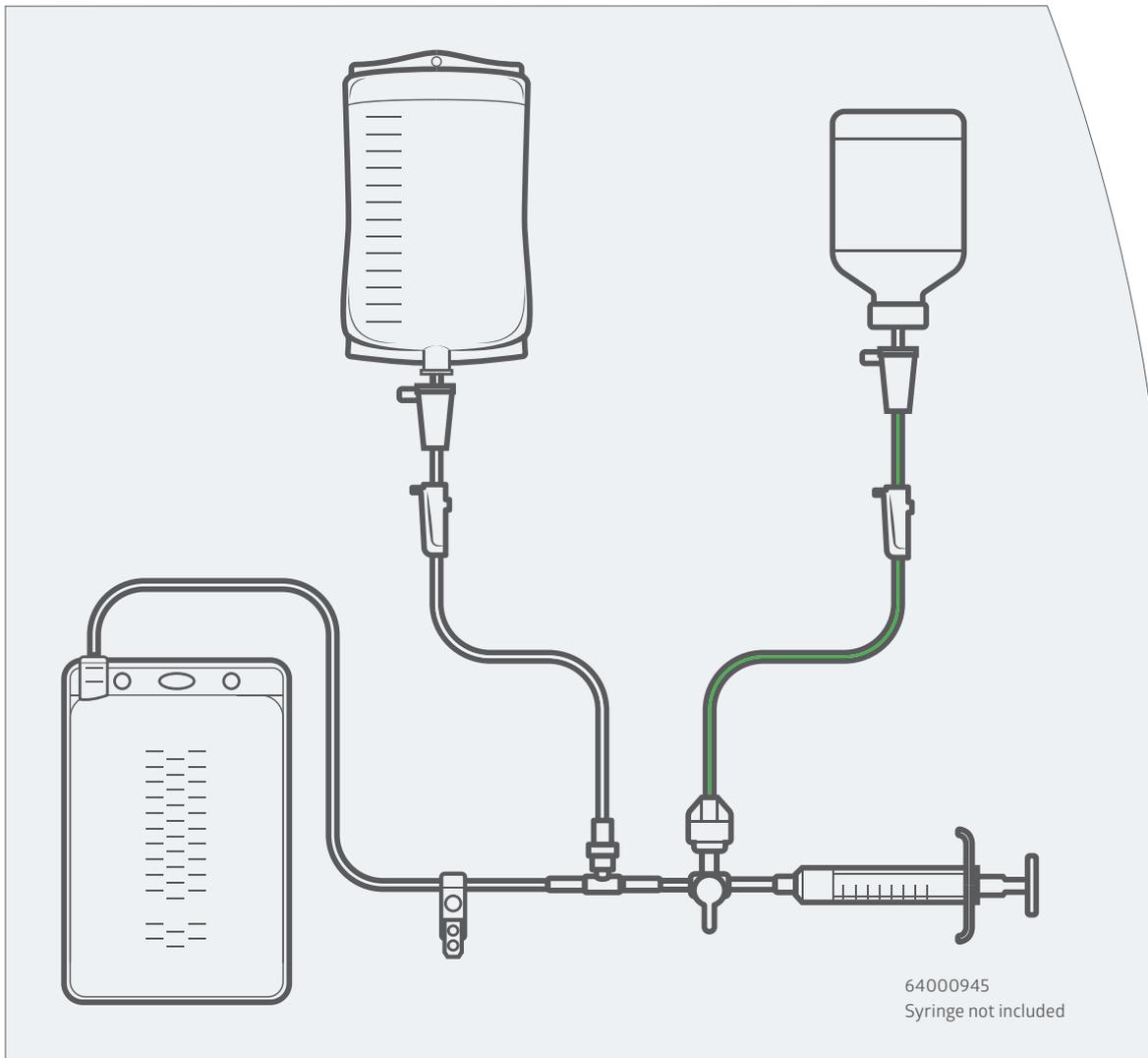
### Drip Chamber

Item No.	Pressurised	Number of lines	In-line stopcock	Fitting	Reflux valve	Strap clip	Kit component
—	Yes	Single		Female			40400950
94000952	Yes	Single	Yes	Male			40400952; 10027052; 40027180
64000936†	Yes	Single		Male			40400950; 40027180;
94000954	Yes	Bifurcated		Female	Yes	Yes	40400954; 10045242; 40400102
—	Yes	Bifurcated dual access		Female	Yes		46627307; 40400102

\*Functional match to kit component

†Packaged 10 per box





## Protection Station Plus

- ◆ Female fitting
- ◆ Packaged 20 per case

Item No.	Pressurised	Bonded reflux valve	Contrast line	Strap clip	Kit component
64000935	No		Green striped		40400910; 40429019
64000945	No		Green striped	Yes	40400910; 40429019; 10045242
—	No		Blue striped, large bore	Yes	40400910; 49000056; 10045242
—	Yes	Yes	Green striped	Yes	45627690; 40429019; 10045242

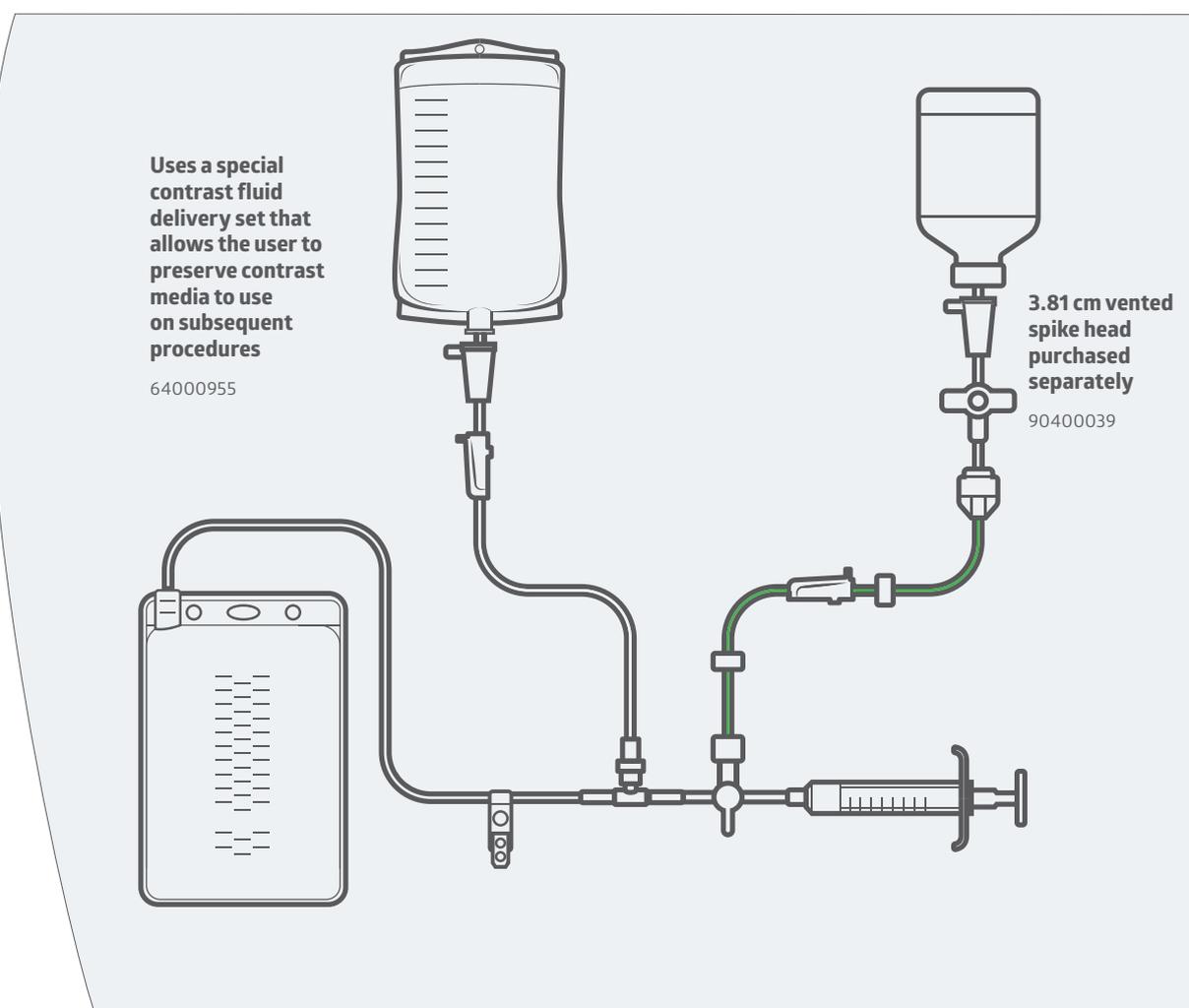
## Closed Fluid Systems

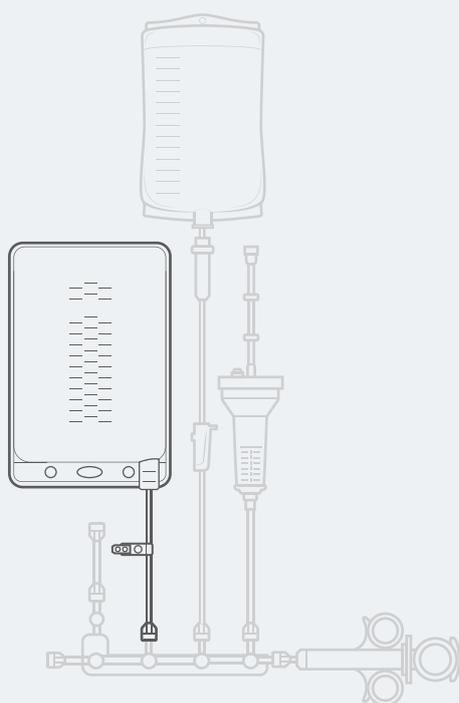
### Protection Station Plus with Contrast Management

- ◆ Female fitting
- ◆ Contrast line with 2 in-line check valves
- ◆ Packaged 20 per case

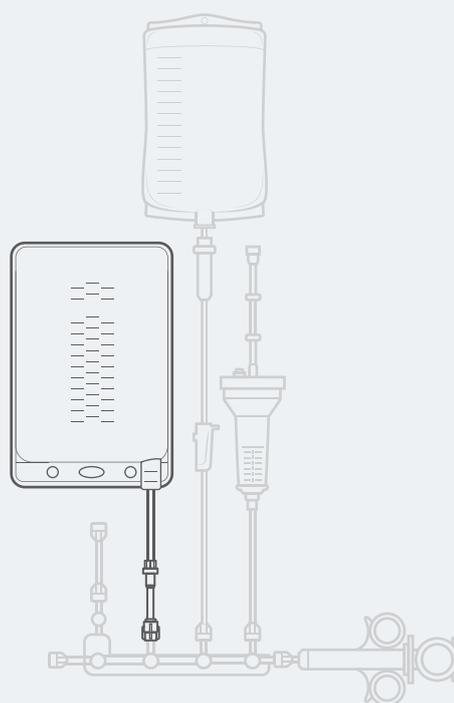
Item No.	Pressurised	Bonded reflux valve	Strap clip	Kit component
—	No			40400910; 40400010
—	No		Yes	40400910; 40400010; 10045242
64000955	No			40400911; 40400018*
—	No	Yes	Yes	45627690; 40400010; 10045242

\*Green striped tubing





Optional drape clip  
90500018



In-line check valve  
40400933

## Waste Collection System

Item No.	System	Bag size	Fitting	Check valve	Strap clip	Kit component	Pkg.
90500018	Collection station, 183 cm tubing	1,000 mL	Male			10500026; 10045242	25 per box
—	Collection station, 183 cm tubing	1,000 mL	Male	Yes		40400933	
64000925	Collection station, 122 cm tubing	1,000 mL	Female	Yes		40400906	10 per box
90500028	Collection system with drainage clamp, 183 cm tubing	1,500 mL	Male	Yes	Yes	40500028; 10045242	25 per box
90500040	Abscess drainage set	1,000 mL				40400940	10 per box
—	Snap clip	1,500 mL			Yes	10045242	5 per box
90500060	Filling station		Female			40400106; 10027052; 40427275	10 per box
90500065	Filling station plus	1,000 mL	Female			40400106; 10027052; 40427275; 10500026	10 per box

## Contrast Injection Lines

### Tubing types

	Pressure	Clarity	Flexibility
LPCIL	500 PSI	High	Medium
HPCIL	1,000 PSI	High	Low
flexCIL	1,200 PSI	Medium	High
clearaCIL	1,200 PSI	High	Medium

### ● LPCIL—Low-Pressure Contrast Injection Line

- ◆ 500 PSI
- ◆ Medium flexibility
- ◆ High clarity
- ◆ 4.04 mm outer diameter; 2.26 mm inner diameter
- ◆ Packaged 25 per case

#### Male–female Luer lock

Item No.	Length	Kit component
91021102	25 cm	41021102
91021202	51 cm	41021202
91021302	76 cm	41021302
91021482	122 cm	41021482
—	152 cm	41021602
—	183 cm	41021722

#### Male–male Luer lock

Item No.	Length	Kit component
—	51 cm	41022202
—	122 cm	41022482
—	183 cm	41022722

#### Rotating male adaptor–male

Item No.	Length	Kit component
—	25 cm	45632124

#### Rotating male adaptor–female

Item No.	Length	Kit component
—	25 cm	49000153
—	51 cm	45632116
—	122 cm	45632106



91021102

## HPCIL—High-Pressure Contrast Injection Line

- 1,000 PSI
- Low flexibility
- High clarity
- 4.78 mm outer diameter; 2.26 mm inner diameter
- Packaged 25 per case

### Male–female Luer lock

Item No.	Length	Kit component
91011102	25 cm	41011102
91011202	51 cm	41011202
91011302	76 cm	41011302
91011482	122 cm	41011482
91011602	152 cm	41011602
—	183 cm	41011722

### Male–male Luer lock

Item No.	Length	Kit component
—	152 cm	41012602

### Rotating male adaptor–female

Item No.	Length	Kit component
91001103	25 cm	41001103
91001203	51 cm	41001203
91001303	76 cm	41001303
91001483	122 cm	41001483
91001603	152 cm	41001603
—	183 cm	45632122
—	203 cm	41001803



91011482

## Contrast Injection Lines

### flexCIL High-Pressure Contrast Injection Line

- Made of braided polyurethane for extra strength and maximum flexibility
- Designed to withstand up to 1,200 PSI
- 3.58 mm outer diameter; 1.8 mm inner diameter



91051483

## flexCIL High-Pressure Contrast Injection Line

- ◆ 1,200 PSI
- ◆ High flexibility
- ◆ Medium clarity
- ◆ 3.6 mm outer diameter; 1.8 mm inner diameter
- ◆ Packaged 25 per case

### Male Luer lock–female

Item No.	Length	Kit component
—	10 cm	41051042
91051102	25 cm	41051102
91051202	51 cm	41051202
91051302	76 cm	41051302
91051482	122 cm	41051482
91051602	152 cm	41051602
91051722	183 cm	41051722

### Rotating male adaptor–female

Item No.	Length	Kit component
91051103	25 cm	41051103
91051203	51 cm	41051203
91051303	76 cm	41051303
91051483	122 cm	41051483
91051603	152 cm	41051603
91051723	183 cm	41051723

### Female–female Luer lock

Item No.	Length	Kit component
—	122 cm	41051481

## flexCIL High-Pressure Contrast Injection Line with Drape Clip

- ◆ Includes drape clip
- ◆ Packaged 25 per case

### Male Luer lock–female

Item No.	Length	Kit component
—	25 cm	41051102; 10045242
—	51 cm	41051202; 10045242
—	76 cm	41051302; 10045242
—	122 cm	41051482; 10045242
—	152 cm	41051602; 10045242
—	183 cm	41051722; 10045242

### Rotating male adaptor–female

Item No.	Length	Kit component
—	25 cm	41051103; 10045242
—	51 cm	41051203; 10045242
—	76 cm	41051303; 10045242
—	122 cm	41051483; 10045242
—	152 cm	41051603; 10045242
—	183 cm	41051723; 10045242



91051482

## Contrast Injection Lines

### ▶ **clearaCIL High-Pressure Contrast Injection Line**

- Clear and flexible for easy debubbling and positioning
- Dual-layer nylon and urethane for added strength and clarity
- Designed to withstand up to 1,200 PSI
- 3.58 mm outer diameter; 1.8 mm inner diameter



## clearaCIL High-Pressure Contrast Injection Line

- ◆ 1,200 PSI
- ◆ Medium flexibility
- ◆ High clarity
- ◆ 3.58 mm outer diameter; 1.8 mm inner diameter
- ◆ Packaged 25 per case

### Male–female Luer lock

Item No.	Length	Kit component
91031102	25 cm	41031102
91031202	51 cm	41031202
91031302	76 cm	41031302
91031482	122 cm	41031482

### Rotating male adaptor–female

Item No.	Length	Kit component
91031103	25 cm	41031103
91031203	51 cm	41031203
91031303	76 cm	41031303
91031483	122 cm	41031483



## clearaCIL High-Pressure Contrast Injection Line with Drape Clip

### Male–female Luer lock

Item No.	Length	Kit component
–	25 cm	41031102; 10045242
–	51 cm	41031202; 10045242
–	76 cm	41031302; 10045242
–	122 cm	41031482; 10045242

### Rotating male adaptor–female

Item No.	Length	Kit component
–	25 cm	41031103; 10045242
–	51 cm	41031203; 10045242
–	76 cm	41031302; 10045242
–	122 cm	41031483; 10045242



## Connectors and Adaptors

- Luer locks enable connections across a wide variety of components
- Clear polycarbonate

- ◆ Packaged 50 per case

Item No.	Fittings	Tubing	Kit component
70027180	Rotating male Luer lock–male		40027180
–	Rotating male Luer lock–female		40044103
90705101	Fixed female–female	5 cm	40705101
90705202	Fixed male–male	5 cm	40705202

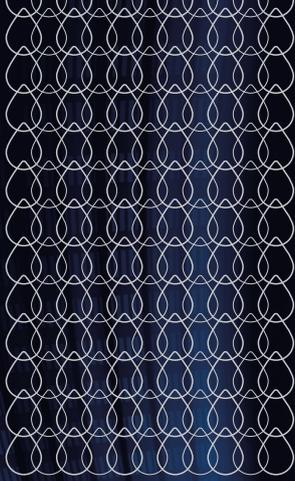


90705202



90705101





## PATIENT MONITORING

Disposable Transducers	56
Pressure Monitoring Lines	58
Arterial Line Kits	60
Transducer Accessories	61
Reusable Pressure Transducer Cables	62

## PATIENT MONITORING

# Deliver an enhanced patient experience.

A broad scope of innovative and outcome-driven solutions ensure waveform accuracy and blood pressure monitoring reliability for improved procedural efficiency.



100%

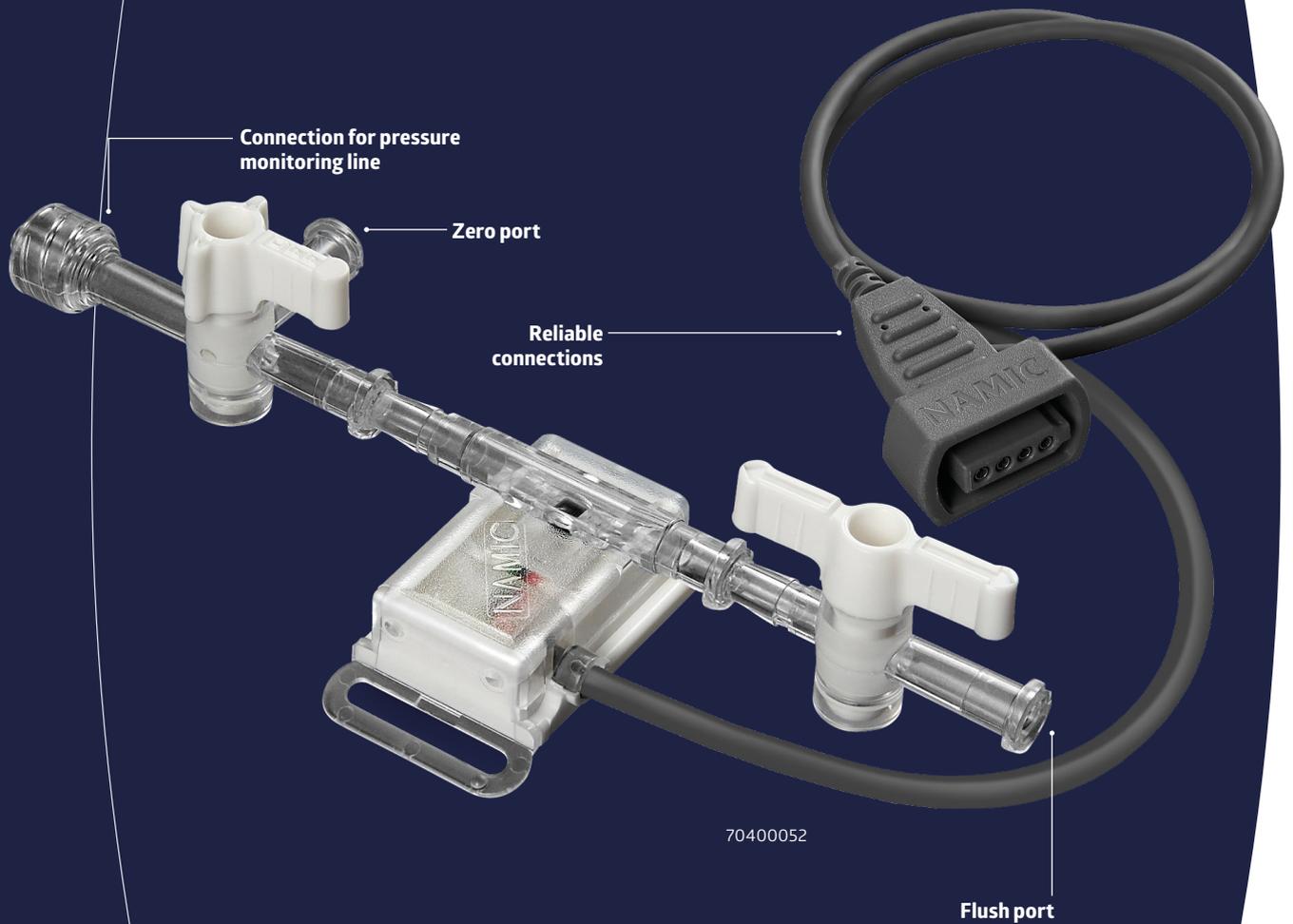
We test 100% of our transducers for leakage and accuracy.<sup>1</sup>



## Patient Monitoring

### ▶ Disposable Pressure Transducers

- Clear, visible fluid path makes it easy to flush and debubble the line
- Accurate and real-time internal pressure measurements





## Disposable Pressure Transducers

Item No.	Stopcocks	Flush device	Cable length	Pkg.	Kit component
70030013	None	No	61 cm	10 per box	40030013
70030014	None	No	122 cm	10 per box	40030014
70400057	1-way	No	122 cm	20 per box	40400057
70400052	1-way and 3-way	No	61 cm	20 per box	40400052
70036001	3-way	3 mL/hour	61 cm	10 per box	40400050
70400055	3-way and 1-way	No	61 cm	20 per box	40400055
70030020	3-way horizontal	No	122 cm	20 per box	40030020
70030021	3-way vertical	No	122 cm	20 per box	40030021

## Patient Monitoring

### ▶ Pressure Monitoring Lines

- Compatible with manifolds, tubing, stopcocks and other components
- Effective transmission of internal blood pressure from the patient to the transducer
- High-quality waveforms with improved fidelity



90701482

## Adult Pressure Monitoring Lines

### Male–female Luer lock

- ◆ Packaged 25 per box
- ◆ Inner diameter 1.50 mm; outer diameter 3.25 mm

Item No.	Tubing length	Kit component
90701062	15.24 cm	40701062
90701122	30.5 cm	40701122
90701242	61 cm	40701242
90701362	91 cm	40701362
90701482	122 cm	40701482
90701602	152 cm	40701602
90701722	183 cm	40701722
90701842	213 cm	40701842
90701962	244 cm	40701962

### Male–male Luer lock

- ◆ Packaged 25 per box
- ◆ Inner diameter 1.50 mm; outer diameter 3.25 mm

Item No.	Tubing length	Kit component
–	15.24 cm	40702062
90702122	30.5 cm	40702122
90702242	61 cm	40702242
90702362	91 cm	40702362
90702482	122 cm	40702482
90702602	152 cm	40702602
90702722	183 cm	40702722
90702842	213 cm	40702842
90702962	244 cm	40702962

## Paediatric Pressure Monitoring Lines

### Male–female Luer lock

- ◆ Packaged 25 per box
- ◆ Inner diameter 1.12 mm; outer diameter 2.50 mm

Item No.	Tubing length	Kit component
90711062	15.24 cm	40711062
90711122	30.5 cm	40711122
90711242	61 cm	40711242
90711362	91 cm	40711362
90711482	122 cm	40711482
90711722	183 cm	40711722

### Male–male Luer lock

- ◆ Packaged 25 per box
- ◆ Inner diameter 1.12 mm; outer diameter 2.50 mm

Item No.	Tubing length	Kit component
–	15.24 cm	40712062
90712122	30.5 cm	40712122
90712242	61 cm	40712242
90712362	91 cm	40712362
90712482	122 cm	40712482
90712722	183 cm	40712722



# Patient Monitoring

## Arterial Line Kits

- Disposable transducer features a 3 mL/hour flush device
- 185 cm administration set with micron-filtered drip chamber
- 122 cm and 30 cm pressure monitoring lines
- Two 3-way stopcocks

### Pressure Monitoring Line 1

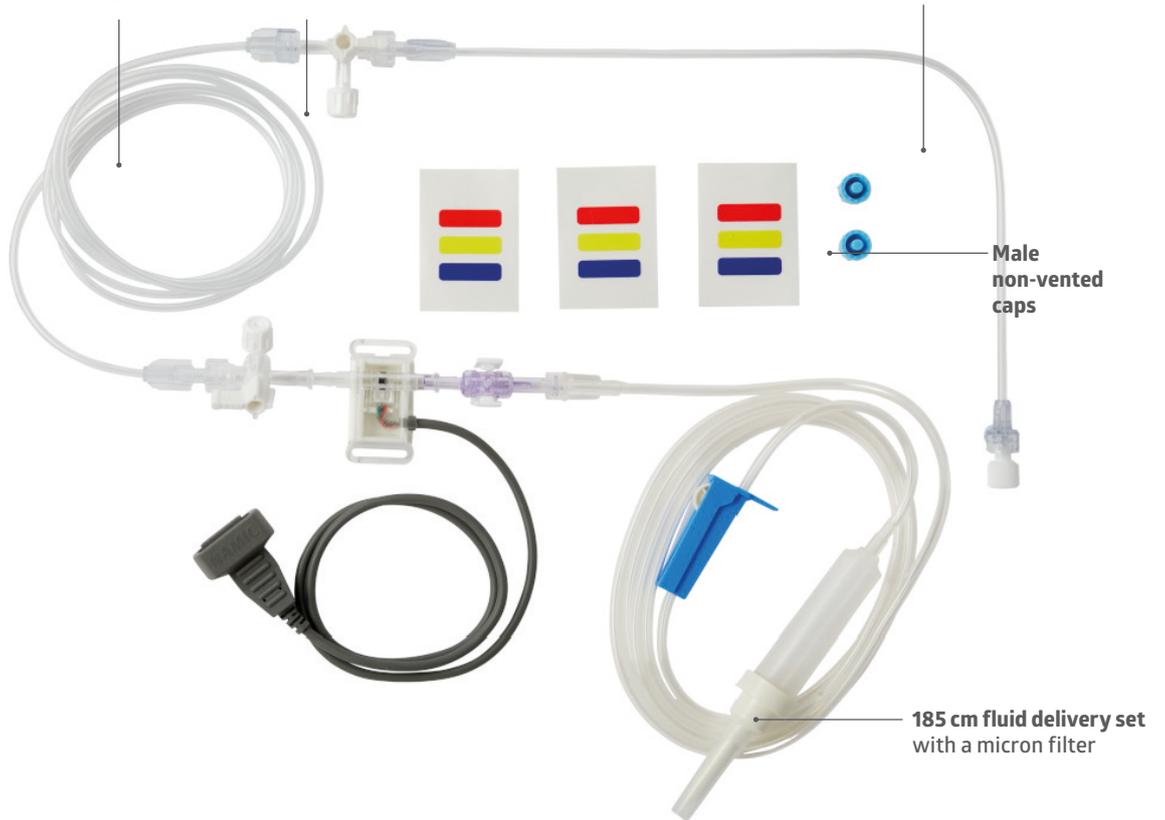
Item No.	Description	Pkg.
70036148	122 cm male-female Luer lock	10 per box
70036160	152 cm male-female Luer lock	10 per box

Available in additional configurations

Pressure monitoring line 1 available in 122 cm or 152 cm male-female

Three-way low pressure stopcock used as an access port

Pressure monitoring line 2 30 cm male-female



Male non-vented caps

185 cm fluid delivery set with a micron filter

## Transducer Accessories

- Designed to safely hold transducers in place for accurate readings
- Fully reusable for long-term savings
- Only compatible with NAMIC disposable transducers



70030152 and 70030051

### Mounting Plates

Item No.	Transducer slots	Pkg.
70030152	2	Packaged individually
64000153	4	Packaged individually

### Pole Clamps

Item No.	Material	Transducer position	Pkg.
64000270	Metal	Vertical	Packaged individually
70030051	Plastic	Vertical	Packaged individually
70030053	Metal	Vertical	Packaged individually
70030054	Metal	Horizontal	Packaged individually



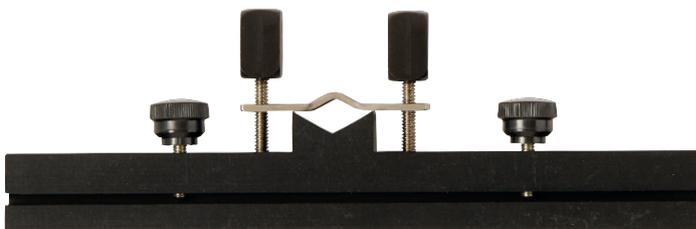
70030053 and 64000153



70030051



70030152



70030054

## Patient Monitoring

### Reusable Pressure Transducer Cables

- Reusable hemodyNAMIC cables
- Connects the transducer to the hemody NAMIC system
- Durable design to ensure a firm connection

◆ **Packaged Individually**

Additional  
cables  
available

#### Camtronics/Emageon/Merge/ Amicas/Medcon/Mckesson

##### Popular models include

Physiolog PDM  
3.X PB100 TCS Symphony/Windsurfer

Item No.	Length	Shape	Number of pins
64042051	183 cm	Round	4
64042050	366 cm		



#### Camtronics/Emageon/Merge/ Amicas

##### Popular model includes

PDM V2

Item No.	Length	Shape	Number of pins
64042061	366 cm	Round	4



## Phillips/Hewlett Packard

### Popular models include

Rifle Shot, Intellivue, Haemosphere, HP70, XPER Flex, MP5, MP30

Item No.	Length	Shape	Number of pins
70040613	183 cm	Round	12
70041203	366 cm		



## Marquette/GE

### Popular models include

Tram Series (X00), Maclab 7000, Dash 4000, Innova

Item No.	Length	Shape	Number of pins
64040633	183 cm	Rectangular	11
70041223	366 cm		



## Marquette/GE

### Popular models include

Tram 7000, 7200, 2000 Series

Item No.	Length	Shape	Number of pins
70040624	183 cm	Round	7
70041214	366 cm		



## Nihon Kohden

### Popular models include

Lifescope Series

Item No.	Length	Shape	Number of pins
70040625	183 cm	Round	5
70041215	366 cm		



# Patient Monitoring

## Reusable Transducer Cables CONTINUED

### Prucka/Cardiolab

**Popular models include**

CLAB II, Art-1, Art-2

Item No.	Length	Shape	Number of pins
64042029	366 cm	Round	5

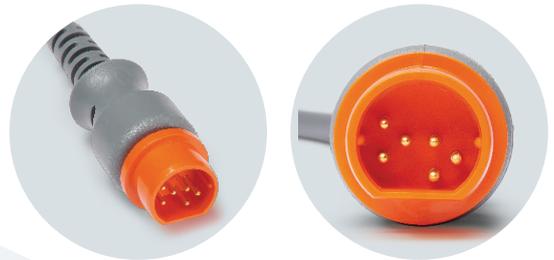


### Siemens/Drager/Infinity

**Popular models include**

Physiolog PDM Sensis, Infinity, Hemomed/Hemopod, Artis, Delta

Item No.	Length	Shape	Number of pins
70040614	183 cm	Round	6
70041204	366 cm		



### Bard Siemens/Drager/Infinity Space Lab/Tektonix

**Popular models include**

CPS Transak System 8000, North American Models, Mindray PM9000

Item No.	Length	Shape	Number of pins
70040621	183 cm	Round	6
70041211	366 cm		



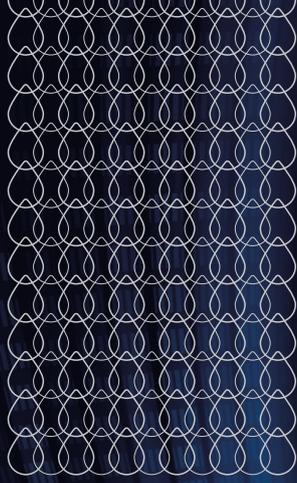
### Witt Biomedical/Phillips

**Popular models include**

Series IV Digital Front End, Xper IM

Item No.	Length	Shape	Number of pins
64042053	183 cm	Rectangular	5
64042054	366 cm		





## INTERVENTIONAL ESSENTIALS

Y-Adaptors	68
Tri-Adaptors	71
Insertion Tools	71
Torque Devices	71

## INTERVENTIONAL ESSENTIALS

# Innovations to simplify interventions

Our advanced medical devices  
simplify complex procedures and  
common clinical challenges.

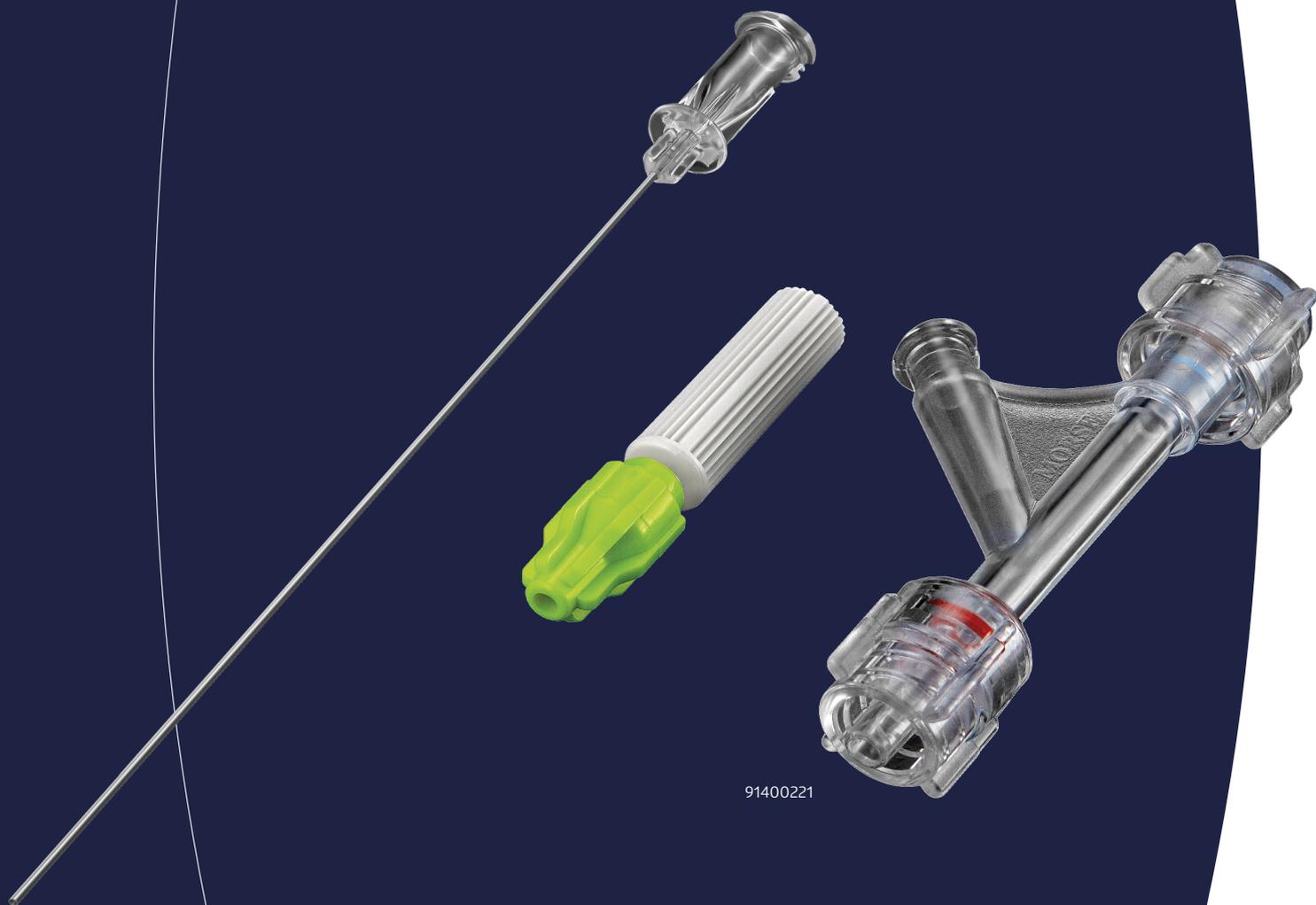
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## Interventional Essentials

### ▶ Y-Adaptor Kits

- For a secure haemostasis seal with the capability to use interventional components
- Y-adaptor enables 2 access ports
- Complete with NAMIC torque device and insertion tool
- Choose a fine threaded Y-adaptor for accuracy and control; an intermediate threaded Y-adaptor offers a fine balance between speed and control



91400221

### Option 125 Y-Adaptor

- ◆ 3.18 mm
- ◆ Intermediate threading
- ◆ NAMIC insertion tool with a maximum wire diameter of 0.4 mm
- ◆ 200 PSI 14 bar pressure rating
- ◆ Packaged 5 per case



91400225

Item No.	Torque device	Kit component
91400025	No	41400025, 10045075
91400225	0.25 – 0.46 mm	41400025, 10045075, 41400303

### Gateway Y-Adaptor

- ◆ 2.99 mm internal through lumen
- ◆ Intermediate threading
- ◆ 200 PSI 14 bar pressure rating
- ◆ Packaged 10 per case



H74904494102

Item No.	Insertion tool	Torque device	Kit component
H74904494102	0.46 mm	0.25 – 0.46 mm	48500002, 48500004, 48500003

### Original Y-Adaptor

- ◆ 2.54 mm straight-through lumen
- ◆ Intermediate and fine threading available
- ◆ NAMIC insertion tool with a maximum wire diameter of 0.4 mm
- ◆ 200 PSI 14 bar pressure rating
- ◆ Packaged 5 per case



64000122

Item No.	Threading	Adaptor extension	Torque device	Kit component
91400021	Fine	No	No	41400021, 10045075
91400221	Fine	No	0.25 – 0.46 mm	41400021, 10045075, 41400303
91400023	Fine	20.32 cm	No	41400023, 10045075
64000122	Intermediate	No	No	41400122, 10045075
64000222	Intermediate	No	0.25 – 0.46 mm	41400122, 10045075, 41400303

## Interventional Essentials

### Y-Adaptor Kits CONTINUED

#### Large Bore Y-Adaptor

- ◆ 2.87 mm straight-through lumen
- ◆ Fine threading
- ◆ NAMIC insertion tool with a maximum wire diameter of 0.4 mm
- ◆ 200 PSI 14 bar pressure rating
- ◆ Packaged 5 per case

Item No.	Adaptor extension	Torque device	Kit component
64000123	No	No	41400123, 10045075
64000223	No	0.25 – 0.46 mm	41400123, 10045075, 41400303
64000124	25.40 cm	No	41400124, 10045075
64000224	25.40 cm	0.25 – 0.46 mm	41400124, 10045075, 41400303



### Tri-Adaptor Kits

- For a secure haemostasis seal with the capability to use interventional components
- Tri-adaptor for dual wire placement
- Complete with NAMIC torque device and insertion tool

#### Option 125 Tri-Adaptor

- ◆ 3.18 mm main lumen, 2.79 mm side lumen
- ◆ Intermediate threading
- ◆ NAMIC insertion tool with a maximum wire diameter of 0.4 mm
- ◆ 200 PSI 14 bar pressure rating
- ◆ Packaged 5 per case

Item No.	Torque device	Kit component
91400035	No	41400035, 10045075
91400235	0.25 – 0.46 mm	41400035, 10045075, 41400303



## Original Tri-Adaptor

- 2.54 mm main lumen, 2.36 mm side lumen
- Intermediate threading
- NAMIC insertion tool with a maximum wire diameter of 0.4 mm
- 200 PSI 14 bar pressure rating
- Packaged 5 per case

91400231



Item No.	Torque device	Kit component
91400031	No	41400031, 10045075
91400231	0.25 – 0.46 mm	41400031, 10045075, 41400303

## Insertion Tools

- Designed for quick and easy placement of the guidewire through a Y-adaptor
- Helps protect delicate guidewire tips

Item No.	Colour	Maximum wire used	Pkg.	Kit component
91400400	Clear hub	0.46 mm	10 per box	10045075
H74904490202	Yellow hub	0.46 mm	10 per box	48500004

91400400



H74904490202

## Torque Devices

- Large textured handle for easy gripping
- Exceptional torque control

Item No.	Colour	Wire size accepted	Pkg.	Kit component
91400300	Neon yellow	0.25 – 0.46 mm	10 per box	41400303
H74904487202	Yellow body/white tip	0.25 – 0.46 mm	20 per box	48500003
H74902470012	Blue/teal and white	0.36 – 0.46 mm	10 per box	—

91400300



H74904487202



H74902470012





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