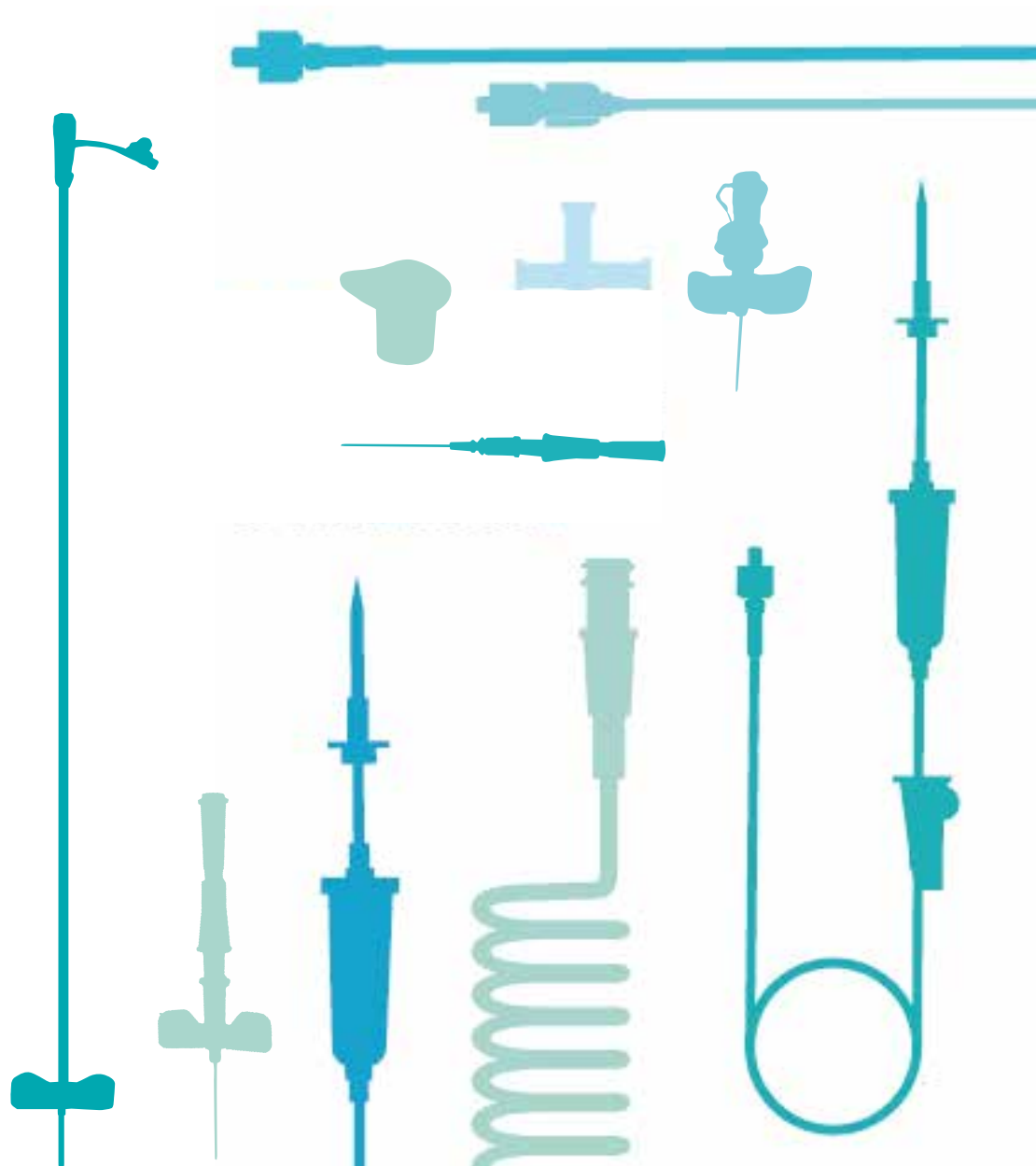




THE TOP IN QUALITY
for all areas of healthcare

TOP INFUSION LINE

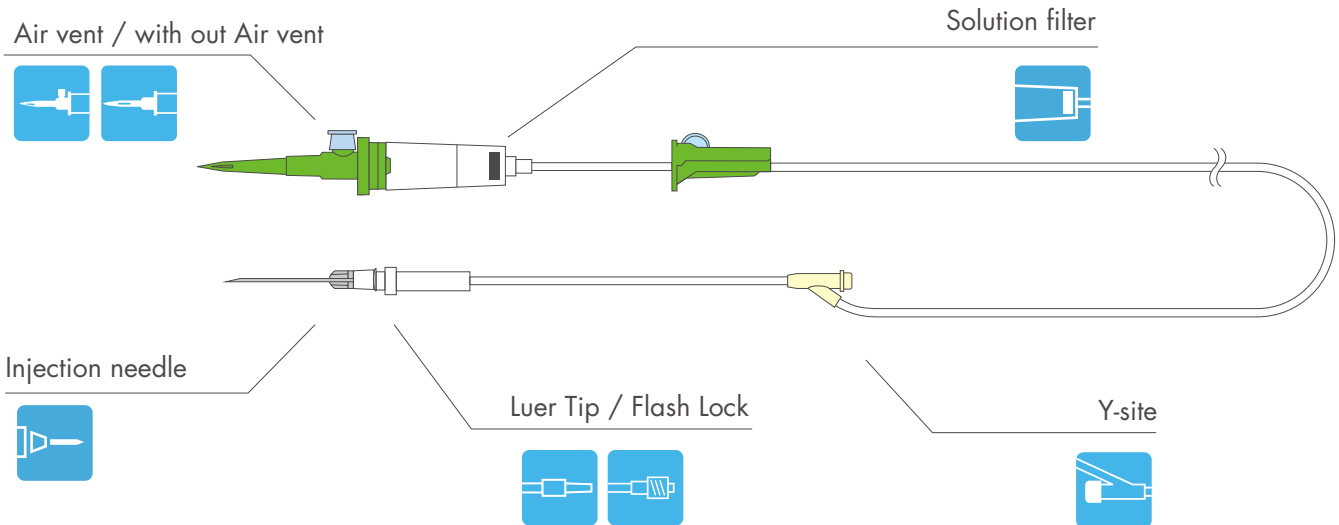
Extensive lineup that can meet various needs



TOP SOLUTION INFUSION SET

We place the top priority on the safety of healthcare professionals and patients.

Composition of the infusion set



Identification by Roller Clamp Color

With the clamp, it is easy to distinguish between products for general use and those for children.

■ Color



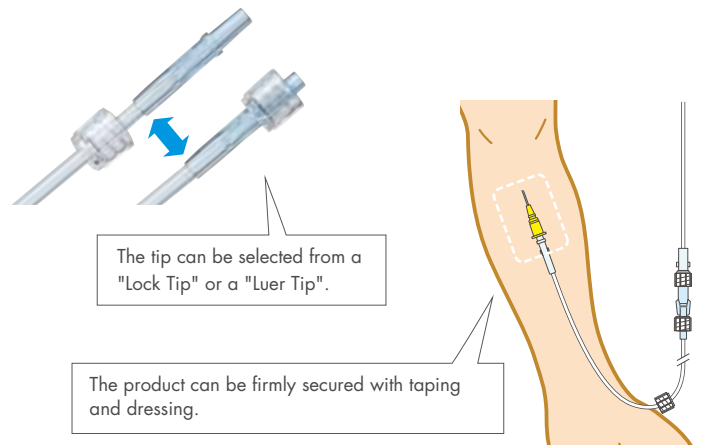
■ Drops

15 drops / mL
20 drops / mL

60 drops / mL

Flush Lock System

If it is difficult to secure the product with the lock adopter in patients such as underweight babies or infants, the lock section can be slid toward the tube side.



Infusion method using a pump

■ Drop control

A method for controlling the flow rate of the drug solution using a drop sensor. Although this method can be used also for ordinary infusion sets, it would be affected by factors such as the viscosity of the drug solution.








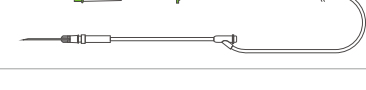






■ Volume control

A method for controlling the flow rate by using a drug solution delivery mechanism designed to deliver an accurate volume of the solution at constant speed. To ensure accurate drug solution delivery, a pump-based infusion set that is manufactured based on a strict standard is required.















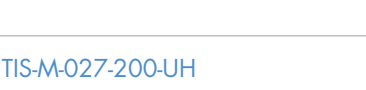





Supporting a volume control system (H series)

The inner diameter of the tube is specified more strictly than general-purpose products (comparison to our company's products), and highly-restorable material is used, enabling drug solution delivery with volume control.

TOP SOLUTION INFUSION SET for gravity feed

Model	Drop	Air vent	Y-site	Needle	Filter	Tip	Tube/Length
TIS5-0257NWSE 	15 Drops/mL						2000 mm
TIS5-0257NWFSE 	15 Drops/mL						2000 mm
TIS2-0257NWSE 	20 Drops/mL						2000 mm
TIS2-0257NWFSE 	20 Drops/mL						2000 mm
TISP-0257NWFSE 	60 Drops/mL						2000 mm

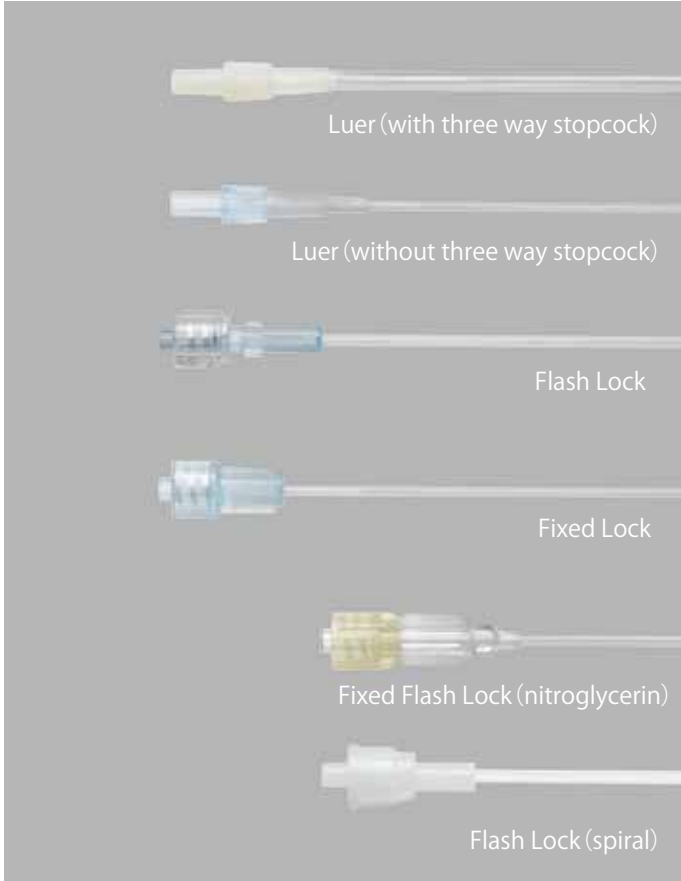
TOP SOLUTION INFUSION SET H series for TOP Infusion pumps

Model	Drop	Air vent	Y-site	Needle	Filter	Tip	Tube/Length
TIS2-027H 	20 Drops/mL						2000 mm
TIS2-026H 	20 Drops/mL						2000 mm
TIS2-026WH-220 	20 Drops/mL						2200 mm
TIS-M-0256W-UH 	MJ-200 Dedicated						1800 mm
TIS-M-026W-UH 	MJ-200 Dedicated						1800 mm
TIS-M-027-200-UH 	MJ-200 Dedicated						2000 mm

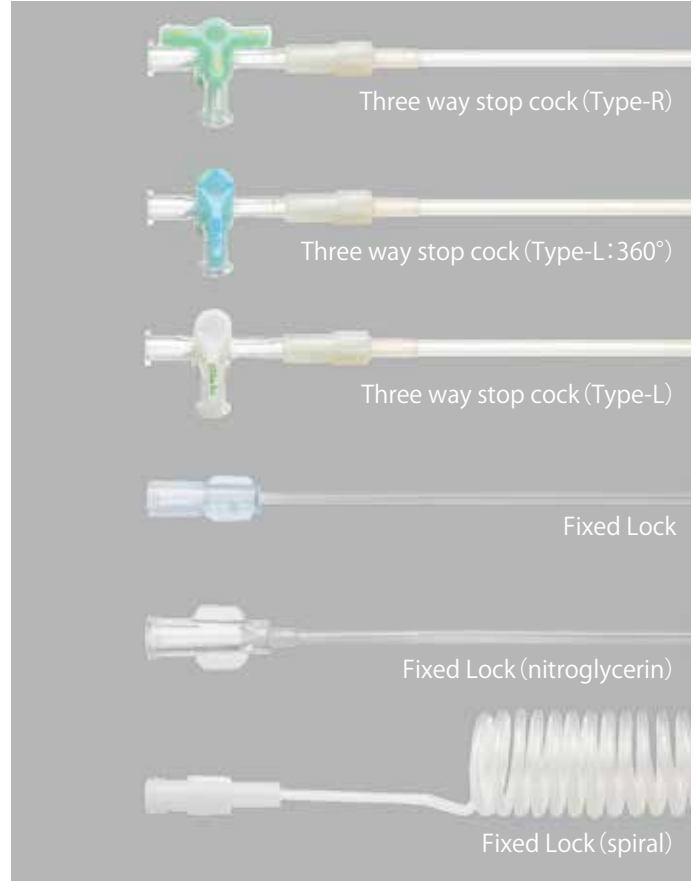
TOP EXTENTION TUBE

Extensive variations are available to meet various requests.

Male adaptor (patient side)



Female adaptor (drug side)

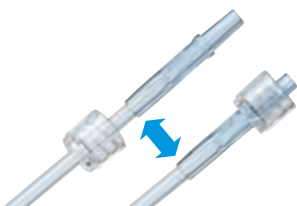


Tube diameter	Type	O.D.	ID
	X1	2.0mm	1.1mm
	X2	3.5mm	2.2mm
	X3	5.0mm	3.3mm
	N1	2.2mm	1.3mm

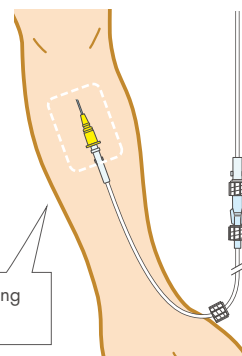


Flash Lock System

If it is difficult to secure the product with the lock adaptor in patients such as underweight babies or infants, the lock section can be slid toward the tube side.






The tip can be selected from a "Lock Tip" or a "Luer Tip".










The product can be firmly secured with taping and dressing.


Luer Type

Model	Type	Length
X1~3-WL50 	X1 X2 X3	500 mm
X1-WL70 	X1	700 mm
X1~2-WL100 	X1 X2	1,000 mm




Lock Type

Model	Type	Length
X1~3-L50 	X1 X2 X3	500 mm
X1~2-L75 	X1 X2	750 mm
X1~2-WL100 	X1 X2	1,000 mm
X1~2-WL120 	X1 X2	1,200 mm
X1-L150 	X1	1,500 mm
X1-LM25 	X1	250 mm
X1-LM50 	X1	500 mm



Spiral Type

Model	Type	Length
X1-100~500S 	X1	1,000mm 1,500mm 2,000mm 3,000mm 5,000mm

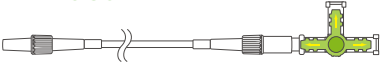
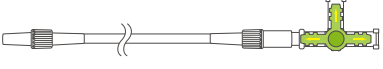


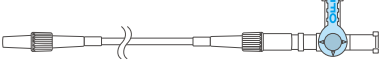
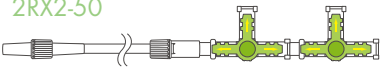
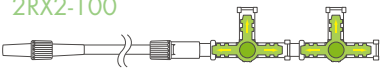
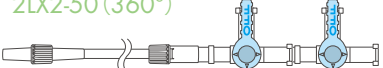
Flash Lock Type

Model	Type	Length
X1~2-FL50 	X1 X2	500 mm
X1~2-FL100 	X1 X2	1,000 mm
X1-FL200 	X1	2,000 mm

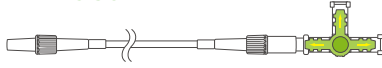
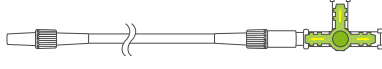


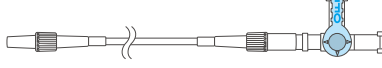
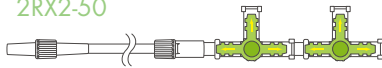
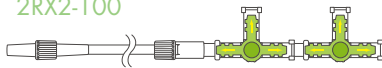
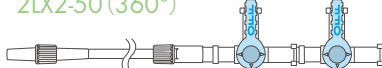
For Nitroglycerin Type

Model	Type	Length
N1-FL50 	N1	500 mm
N1-FL100 	N1	1,000 mm


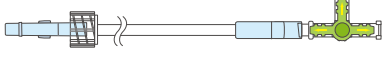

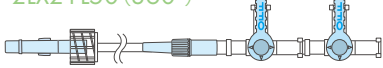
With three way stopcock (Luer Type)

Model	Type	Length
RX1~3-50 	X1 X2 X3	500 mm
RX2-100 	X2	1,000 mm
LX1~3-50 	X1 X2 X3	500 mm
LX1~3-50 (360°) 	X1 X2 X3	500 mm
LX1~2-100 (360°) 	X1 X2	1,000 mm
2RX2-50 	X2	500 mm
2RX2-100 	X2	1,000 mm
2LX2-50 (360°) 	X2	500 mm


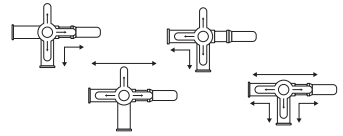

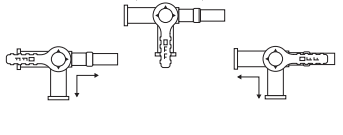

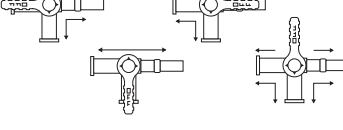
With three way stop cock (Lock Type)

Model	Type	Length
RX1~3-50 	X1 X2 X3	500 mm
RX2-100 	X2	1,000 mm
LX1~3-50 	X1 X2 X3	500 mm
LX1~3-50 (360°) 	X1 X2 X3	500 mm
LX1~2-100 (360°) 	X1 X2	1,000 mm
2RX2-50 	X2	500 mm
2RX2-100 	X2	1,000 mm
2LX2-50 (360°) 	X2	500 mm

With three way stopcock (Flash Lock Type)

Model	Type	Length
RX2-FL50 	X2	500 mm
RX3-FL70 	X3	700 mm
LX1~2-FL50 (360°) 	X1 X2	500 mm
2LX2-FL50 (360°) 	X2	500 mm







Direction of the flow of three way stopcock

Type	Direction of the flow
Type-R 	
Type-L 	
Type-L (360°) 	

TOP THREE WAY STOPCOCK

Designed to inject precious medicine safely and reliably.

TOP three way stopcock (RUPLA)

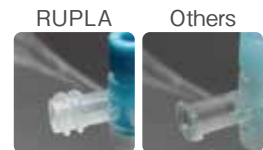
Model	Type	Adapter
RUPLA R-FL 	 R Type	 FL
RUPLA L(360°) FL 	 L Type	 FL

Point 1

RUPLA will not crack even if it is used for drugs with which conventional three way stopcocks are subject to cracking.

Point 2

The female luer part is thread-shaped to improve connectivity.



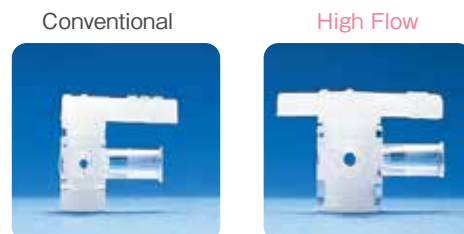
Point 3

A white cap is attached to the bottom of the handle, making it easy to distinguish RUPLA from conventional three-way stopcocks.



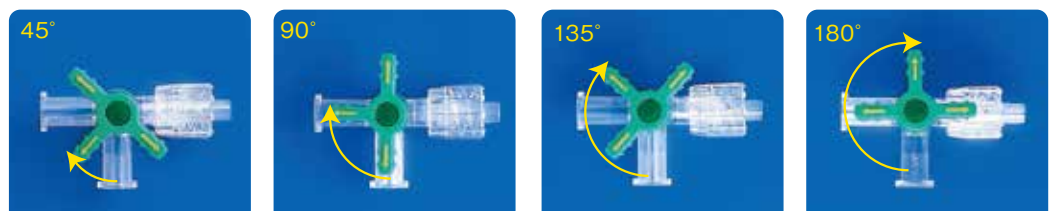
High Flow

With a straight inner geometry, a flow rate 1.6 times that of our previous model is secured.



Click Type







Tactile feel of clicking is surely transmitted every 45 degrees.












With three way stopcock (Luer Type)

	Model	Type	Adapter
L-1			
L1-L			
R-1			
R1-L			
R1-FL			
L(360°)-1			
L(360°) 1-L			
L(360°) 1-FL			













TOP three way stopcock (High-Flow)

	Model	Adapter
High Flow		
High Flow-FL		
Super Flow		

TOP three way stopcock (Color)

	Model	Type	Adapter
R-1 Red			
R-1 Yellow			
R-1 Blue			

TOP three way stopcock (Click Type)

	Model	Type	Adapter
R-Click Type			
R-Click Type FL			
L(360°) Click Type			
L(360°) Click Type FL			

TOP three way stopcock (Chemical-resistant)

	Model	Type	Adapter
R1-V			
R1-FL-V			
R-1 VR			
R-1 FL-VR			
L(360°) 1-V			
L(360°) 1-FL-V			

TOP three way stopcock (Coupling)

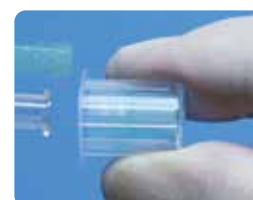
	Model	Type	Adapter
L-2			
R-2			
PR-2			
L-3			
R-3			
PR-3			
L2-L			
R2-L			
PR-4			
PL-3			
R-3-L			
PR-5			

TOP PROTECTION CAP


Intended for the prevention of hospital-acquired infection.





The user can operate the protective plug cleanly without directly touching it.




ML-KS installation procedure.

- 1** 

Peel off the firm (lid) of the case containing the protective plug.
- 2** 

With the protective plug contained, connect the case to the side inlet of the three-way stopcock.
- 3** 

Rotate the case right (clockwise) to install the protective plug.
- 4** 

Pull out the case to remove it.

Model	Purpose	Adapter	Air vent
TOP Protection cap Lock Type 	For preventing terminal contamination		
TOP Protection cap Luer Type 	For preventing terminal contamination		
TOP protection cap F type 	For protective caps for syringe etc.		

TOP WINGED INFUSION SET



TOP Winged Infusion Set

- Needle tip shape minimizes danger of vein damage.
- Large needle bore makes infusion easy.

Gauge/Color	O.D. of Needle	Tube Length	Needle Length
18G	1.27mm	300mm	19mm (3/4")
19G	1.10mm		
20G	0.90mm		
21G	0.80mm		
22G	0.70mm		
23G	0.63mm		
24G	0.55mm		
25G	0.50mm		
27G	0.40mm		

TOP I.V. CATHETER



Luer Lock

Gauge/Color	O.D.	Needle length	Flow
18G	1.3mm	1 3/4" (45mm)	80mL/min
20G	1.0mm	1 1/4" (33mm)	39mL/min
22G	0.9mm	1" (25mm)	28mL/min
24G	0.7mm	3/4" (19mm)	15mL/min

Luer Lock Radio-opaque

Gauge/Color	O.D.	Needle length	Flow
18G	1.3mm	1 3/4" (45mm)	80mL/min
20G	1.0mm	1 1/4" (33mm)	39mL/min
22G	0.9mm	1" (25mm)	28mL/min
24G	0.7mm	3/4" (19mm)	15mL/min



SS

Type	Gauge/Color	O.D.	Needle length	Flow
SS-1	16G	1.7mm	2" (51mm)	203mL/min
SS-2	18G	1.3mm	2" (51mm)	92mL/min
SS-2	18G	1.3mm	1 1/2" (32mm)	107mL/min
SS-5	20G	1.0mm	2" (51mm)	53mL/min
SS-5	20G	1.0mm	1 1/2" (32mm)	60mL/min
SS-6	22G	0.8mm	1 1/2" (32mm)	35mL/min
SS-6	22G	0.8mm	1 (25mm)	35mL/min
SS-7	24G	0.7mm	1 (25mm)	20mL/min
SS-7	24G	0.7mm	3/4" (19mm)	20mL/min

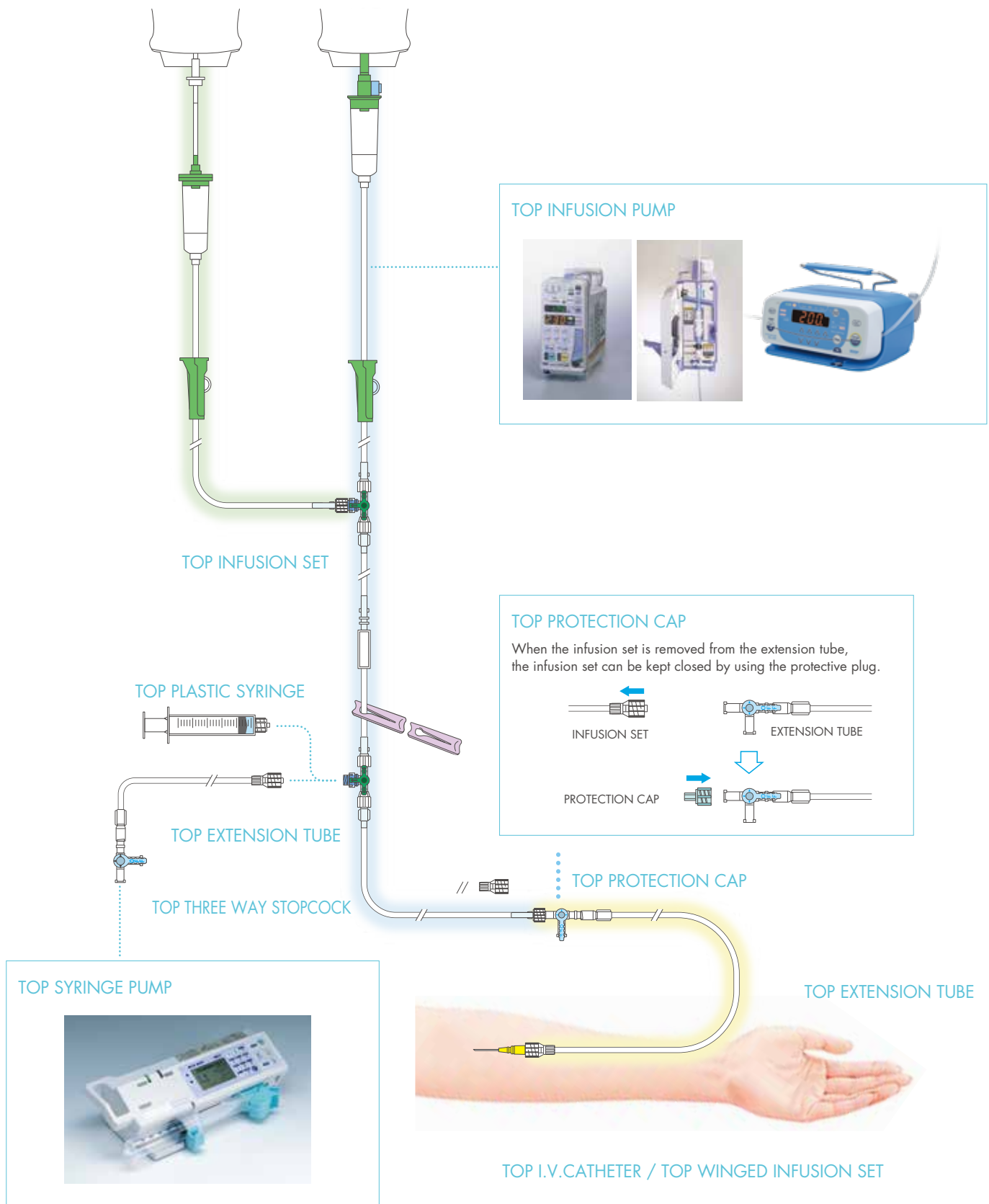


SW

Type	Gauge/Color	O.D.	Needle length	Flow
SW-5	20G	1.0mm	2" (51mm)	53mL/min
SW-5	20G	1.0mm	1 1/2" (32mm)	60mL/min
SW-5	20G	1.0mm	1 (25mm)	61mL/min
SW-6	22G	0.8mm	1 1/2" (32mm)	35mL/min
SW-6	22G	0.8mm	1 (25mm)	35mL/min
SW-7	24G	0.7mm	1 (25mm)	20mL/min
SW-7	24G	0.7mm	3/4" (19mm)	20mL/min
SW-7	24G	0.7mm	2/3" (16mm)	21mL/min
SW-7	24G	0.7mm	1/2" (13mm)	23mL/min

Various Line-up

Extensive variations are available to meet all needs.



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