CARDIOVASCULAR & CRITICAL CARE SOLUTIONS

PRODUCT CATALOGUE

CCC CARDIOVASCULAR & CRITICAL CARE

TABLE OF CONTENTS

IT ALL BEGAN
with the coronary
control syringe.
The rest is history.

In 1987, Merit Medical pioneered a clear-as-glass polycarbonate syringe to reduce the risk of a glass syringe breaking in the hand of a healthcare provider. Since our beginning, we've consistently prioritised solutions to your procedural challenges, with the goal of making your job safer, more accurate and more efficient. We believe that when you have the right tools to do your job well, it results in better patient care.

Coronary Control
Syringe
CCS100

Merit Medical's comprehensive Cardiovascular and Critical Care (CCC) product portfolio, presents these healthcare solutions. This includes custom kits that decrease set-up time and reduce waste, as well as products like blood pressure monitoring systems for the ICU and CICU that enhance the accuracy of patient care. Our products like the Futura® Safety Scalpels and Merit Advance® Safety Needles aim to prevent workplace injury, while our infection control solutions like the BackStop+™ Disposal System, the DualCap® Disinfection System, and the Safedraw® Closed Arterial Blood Sampling Kits reduce contaminant exposure for both you and your patients.

In addition to the benefits each of these products provide, partnering with Merit Medical will ensure that healthcare providers can rely on product consistency across the entire continuum of patient care.

PRESSURE MONITORING

MERITRANS DTXPLUS®, SAFEDRAW® AND RT2000™ TRANSDUCERS & TRANSDUCER SETS

MERITRANS® TRANSDUCERS, TRANSDUCER SETS & TRAM®/TRAM-P® MANIFOLDS WITH INTEGRATED TRANSDUCER

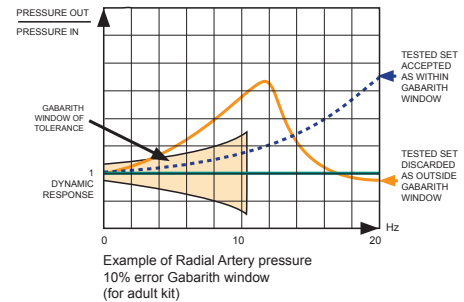# Meritrans DTXPlus® Disposable Pressure Transducer Set Overview
Designed for ease of use and minimal wavelength distortion

Haemodynamic monitoring information is used to manage the care of critically ill patients. It is essential that one is confident about the accuracy of the information generated.

Accuracy in pressure monitoring is not just dependent on the transducer, it is dependent on all the components in the pressure monitoring system; catheter, pressure tubing, monitor filter and stopcocks - the "total chain." The Gabarith™ test is a scientific technique that provides information about the dynamic response performance of the total chain pressure monitoring system.

Meritrans DTXPlus® pressure monitoring sets confirmed by the Gabarith test have a known level of accuracy. The Gabarith™ test exceeds the demands of the AAMI standard (Association for the Advancement of Medical Instrumentation).

Billiet E, Colardyn F. (1998) Pressure Measurement Evaluation and Accuracy: The Gabarith Test. Intensive Care Medicine 24:1323-1326

Example of Radial Artery pressure
10% error Gabarith window
(for adult kit)

MERITRANS DTXPLUS® DISPOSABLE PRESSURE TRANSDUCER SETS SPECIFICATIONS

DETAIL	DTXPLUS® SPECIFICATIONS
Environmental performance: a) storage temperatures b) operating temperatures c) humidity d) atmospheric pressure	-25ºC to 70ºC 15ºC to 40ºC 10% to 90% 425 to 850 torr
Pressure range: a) operating pressure b) overpressure withstand	-30 to 300 mmHg -700 to 7,755 mmHg
Mounting requirement:	Will meet performance requirements when mounted on any axis
Frequency response (Stand-alone Transducer):	15% bandwidth shall be >200 Hz
Transducer excitation:	DC to 5,000 Hz 4 to 8 V RMS
Phase shift:	<5°
Transducer excitation impedance (input impedance):	>200 ohms
Transducer signal impedance (output impedance):	<3,000 ohms
Transducer symmetry:	±5%
Nominal sensitivity (gain):	5 µV/V/mmHg
Unbalance (zero balance):	±40 mmHg
Accuracy:	The maximum error due to the total effects of nonlinearity, hysteresis and sensitivity variations shall be no more than 2% of the reading or ±1 mmHg, whichever is greater, over the operating range.
Risk current:	<2µA
Defibrillator withstand:	Withstand five repeated discharges in 5 minutes of 400J sinusoidal energy delivered into 50 ohms when all transducer wires are shorted and saline is in fluid column
Requirements for the cable: a) cable length stated b) transducer venting to atm. c) cable will withstand five repeated discharges in 5 minutes of 360J sinusoidal energy delivered into 50 ohms when all wires are shorted and foil surrounds the cable	Cable length stated Venting to atmosphere Withstand five repeated discharges in 5 minutes of 400J sinusoidal energy delivered into 50 ohms when all wires are shorted and foil surrounds the cable
Flow Rate, Meritrans DTXPlus® transducers:	2 – 4 cc/hr or 20 – 40cc/hr, depending on model, with an infusion pressure (difference) of 200mmHg.
Fast Flush Rate, Meritrans DTXPlus® transducers:	Min 50cc/min using a microdrip administration set with 60 inch of IV tubing with an infusion pressure (difference) of 200mmHg.
Meritrans DTXPlus® Transducer dimensions (inc Flush and Zero stopcock):	Max Length: 8.4cm (Inc zero stopcock and male luer fitting); Max Width: 3.2cm; Max Height: 3cm (Inc Easy Vent® Deadender on Zero stopcock). Length of Transducer electric cable: 34.5cm

DISPOSABLE PRESSURE TRANSDUCERS

Meritrans DTXPlus®
Disposable Pressure Transducers
Sterile, single use

PRODUCT CODE	DESCRIPTION	BOX/CASE CONTENT (UNITS)
682018	Disposable transducer with Critiflex™ integral flush device and stopcock (3cc/hr nominal flow rate)	10/100
682019	Disposable transducer for neonatal/paediatric uses, used in conjunction with a mechanical infusion pump (max. 30cc/hr flow rate)	10/100
682020	Disposable transducers with integral flush device without stopcock (3cc/hr nominal flow rate)	10/100
682021	Disposable transducer without integral flush device or stopcock, suitable for cardiology/neurology applications	10/100

STAND ALONE ADMINISTRATION SETS

PRODUCT CODE	DESCRIPTION	BOX/CASE CONTENT (UNITS)
682209	Single administration set with 15μ filter, angled cannula and roller clamp (red)	5/25
682210	Double administration set with 15μ filter, angled cannula and roller clamps (red/blue)	5/25
682211	Triple administration set with 15μ filter, angled cannula and roller clamps (red/blue/white)	5/25

Meritrans DTXPlus® Gabarith™-Tested
Disposable Transducer Sets
Sterile, single use

DISPOSABLE TRANSDUCER SETS FOR THE INVASIVE MONITORING OF HAEMODYNAMIC PRESSURE

PRODUCT CODE	NO. OF DISPOSABLE TRANSDUCERS	FLUSH/FLOW RATE mL/HR	TOTAL PRESSURE LINE LENGTH	PRESSURE LINE(S) COLOUR	ADDITIONAL INFORMATION	BOX/CASE CONTENT (UNITS)
682001	1	3	150cm	Clear	With R.O.S.E.	5/50
682002	1	3	150cm	Clear		5/50
682004/689006*	1	3	150cm	Red		5/50
682005	1	3	150cm	Blue	With R.O.S.E.	5/50
682006/689007*	1	3	150cm	Blue		5/50
682008	1	3	150cm	Yellow	Add-on set to set no. 682037, -38, -55	5/50
682009	1	3	175cm	Red	With R.O.S.E.	5/20
682010	1	3	175cm	Red		5/50
682011	1	3	25cm	Clear	Velcro strap for arm mount	5/50
682017	1	3	150cm	Clear	With non-shunting stopcock and extension set	5/25
682022	1	30	160cm small bore	Clear	For use with infusion pump	5/50
682025	1	30	35cm small bore	Clear	For use with infusion pump	5/50
682030	2	3	150/150cm	Red/Blue	With R.O.S.E. on blue line	5/25
682032	2	3	150/150cm	Red/Blue		5/25
682037	2	3	150/150cm	Red/Blue	With 3rd IV line for add-on set	5/25
682041	2	3	150/150cm	Blue/Yellow		5/25
682046	3	3	150/150/150cm	Red/Blue/Yellow		5/25

PRODUCT DESCRIPTION

• All sets have been verified by the unique Gabarith™ accuracy test

• A range of Single, Double and Triple Disposable Transducer Sets

• Safedraw® and Safedraw®-P closed loop arterial blood sampling system options available (please refer to next section)

• R.O.S.E.® (Resonance OverShoot Eliminator) included in selected sets

• Adult pressure sets include rotating male luer making it easier for the catheter connection

* DEHP-free Pressure Set

How Gabarith™ Sets can benefit you

• Unique Gabarith testing of sets, the total chain concept is designed for improved accuracy

• Merit sampling and zeroing stopcocks with on/off snap for confirmation of stopcock positioning

• Designed straight fluid pathway minimises the risk of air entrapment and the potential of subsequent damping of signal

• Robust monitor connection minimises water penetration and offers back pressure calibration facility

• Unique Easy Vent® zeroing deadender minimises the risk of touch contamination

• Transducer set configurations covering neonatal to adult pressure monitoring requirements

DISPOSABLE PRESSURE TRANSDUCER SETS

Safedraw® Safe Arterial Sampling
Meritrans DTXPlus®

Disposable Transducer Sets

Sterile, single use

Safedraw® safe arterial blood sampling systems are designed to reduce unnecessary blood discard and blood spillage. The system's easy-to-use, self-sealing, silicone septum facilitates easier blood sampling for clinical samples.

PRODUCT CODE	NO. OF DISPOSABLE TRANSDUCERS	FLUSH/ FLOW RATE (mL/HR)	TOTAL PRESSURE LINE LENGTH (CM)	PRESSURE LINE(S) COLOUR	ADDITIONAL INFORMATION	SAFEDRAW® SYRINGE VOLUME (mL)	BOX/CASE CONTENTS (UNITS)
682051	1	3	155cm (125/30)	Clear	Single Admin Set. Single Transducer Set with Integrated Safedraw® Septum (Red)	2cc	5/25
682053	2	3	A: 155cm (125/30) V: 150cm (125/25)	A: Clear V: Blue	Bifurcated Admin Set. Double Transducer Set with Integrated Safedraw® Septum (Red) and R.O.S.E on Venous Line	2cc	5/20
682054	2	3	A: 155cm (125/30) V: 150cm (125/25)	A: Clear V: Blue	Bifurcated Admin Set. Double Transducer Set with Integrated Safedraw® Septum (Red)	2cc	5/25
682055	2	3	A: 155cm (125/30) V: 150cm (125/25)	A: Clear V: Blue	Trifurcated Admin Set. Double Transducer Set with Integrated Safedraw® Septum (Red)	2cc	5/20
682056	3	3	A: 155cm (125/30) V: 150cm (125/25) PA: 150cm (125/25)	A: Clear V: Blue PA: Yellow	Trifurcated Admin Set. Triple Transducer Set with Integrated Safedraw® Septum (Red)	2cc	5/20
686337	1	3	190cm (160/30)	Red/Clear	Single Admin Set. Single 'Flexi' Transducer Set with Integrated Safedraw® Septum (Red)	2.5cc	5/25
686585/ 689369*	1	3	190cm (75/85/30)	Red/Clear	Single Admin Set. Single 'Flexi' Transducer Set with 2 x Integrated Safedraw® Septums (Red)	2.5cc	5/20
687714	1	3	190cm (160/30)	Red/Clear	No Admin Set. Single 'Flexi' Add-On Transducer Set with Integrated Safedraw® Septum (Red)	2.5cc	5/25
682052	1	30 (Paed Set)	135cm (125/10)	Clear	Single Paediatric Transducer Set with Integrated Safedraw® Septum (Red) **For use with Infusion Pump**	1cc	5/25
688077	1	3 (Paed Set)	135cm (125/10)	Clear	Single Paediatric Transducer Set with Integrated Safedraw® Septum (Red) **For use with Infusion Pump**	2.5cc	5/25
688849	1	3 (Paed Set)	29cm (22/7)	Clear	Single Paediatric Set with Integrated Safedraw® Septum (Red) **For use with Infusion Pump**	0.5cc	5/25

* Safedraw®-P DEHP-free sets

SAFEDRAW® ACCESSORIES

PRODUCT CODE	PRODUCT DESCRIPTION	MODEL	BOX/CASE CONTENT (UNITS)
682158	Safedraw® Vacutainer Transfer Device	TA-STV	25/125
682159	Safedraw® Luer-Lok Safe-Needle	TA-BPN	50/500
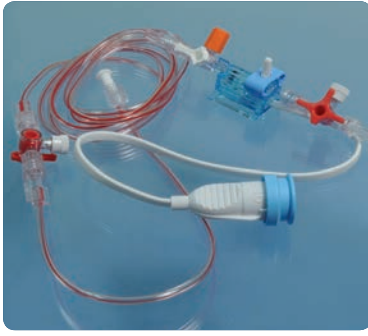
Meritrans DTXPlus® Flexi
Disposable Transducer Sets
Sterile, single use

Meritrans DTXPlus® Flexi Transducer Systems are a range of invasive pressure monitoring sets designed to maximise efficiency and ease of use by allowing the clinician to make line additions when needed. In the Flexi configuration, the Arterial disposable transducer system is used as the 'master' line. When clinically required, additional lines are connected to this 'master' line in a cascade. This is achieved via an additional stopcock positioned on the administration set side of the transducer, thereby having no impact on dynamic response.

This innovative Flexi solution, offers the adaptability of single or multiple transducer set configurations, and facilitates set selection, set-up time and minimises total cost.

Flexi sets are available in standard set format, Safedraw® or Safedraw®-P Closed-loop, arterial blood sampling formats.

PRODUCT CODE	NO. OF DISPOSABLE TRANSDUCERS	FLUSH/ FLOW RATE (mL/HR)	TOTAL PRESSURE LINE LENGTH (CM)	PRESSURE LINE(S) COLOUR	ADDITIONAL INFORMATION	SAFEDRAW® SYRINGE VOLUME (mL)	SEPTUM MODEL	BOX/CASE CONTENTS (UNITS)
686562	1	3	175cm (150/25)	Red	Single Admin Set. Single 'Flexi' Arterial Transducer Set	N/A	N/A	5/25
686495/ 689367*	1	3	175cm (160/15)	Blue	No Admin Set. Single 'Flexi' Add-On Venous Transducer Set	N/A	N/A	5/25
686496	1	3	175cm (175)	Yellow	No Admin Set. Single 'Flexi' Add-On PA Transducer Set	N/A	N/A	5/25
686572	1	3	175cm (160/15))	Clear	No Admin Set. Single 'Flexi' Add-On Universal Transducer Set	N/A	N/A	5/25
687715	1	3	175cm (160/15)	Blue	Single Admin Set. Single 'Flexi' Venous Transducer Set	N/A	N/A	5/25
686337	1	3	190cm (160/30)	Red/Clear	Single Admin Set. Single 'Flexi' Transducer Set with Integrated Safedraw® Septum (Red)	2.5cc	Safedraw® 1 x In-Line	5/25
686585/ 689369*	1	3	190cm (75/85/30)	Red/Clear	Single Admin Set. Single 'Flexi' Transducer Set with 2 x Integrated Safedraw® Septums (Red)	2.5cc	Safedraw® 2 x In-Line	5/20
687714	1	3	190cm (160/30)	Red/Clear	No Admin Set. Single 'Flexi' Add-On Transducer Set with Integrated Safedraw® Septum (Red)	2.5cc	Safedraw® 1 x In-Line	5/25
688396	1	3	193cm (163/30)	Red/Clear	Single Admin Set. Single 'Flexi' Transducer Set with non-shunting stopcock and Integrated Safedraw®-P Septum (Red)	2.5cc	Safedraw®-P 1 x In-Line	5/20
688389	1	3	193cm (163/30)	Red/Clear	Single Admin Set. Single 'Flexi' Transducer Set with Integrated Safedraw®-P Stopcock Septum (Red)	3cc	Safedraw®-P 1 x Stopcock	5/20
688420/ 689311*	1	3	213cm (183/30)	Red/Clear	Single Admin Set. Single 'Flexi' Transducer Set with Integrated Safedraw®-P Septum (Red)	2.5cc	Safedraw®-P 1 x In-Line	5/25
688406	1	3	203cm (53/120/30)	Red/Clear	Single Admin Set. Single 'Flexi' Transducer Set with 2 x Integrated Safedraw®-P Septums (Red)	2.5cc	Safedraw®-P 2 x In-Line	5/20
688513	1	3	193cm (73/90/30)	Red/Clear	Single Admin Set. Single 'Flexi' Transducer Set with 2 x Integrated Safedraw®-P Stopcock Septums (Red)	3cc	Safedraw®-P 2 x Stopcock	5/25

* DTX Flexi DEHP-free set

FLEXI SAFEDRAW® AND SAFEDRAW®-P ACCESSORIES

PRODUCT CODE	PRODUCT DESCRIPTION	BOX/CASE CONTENT (UNITS)
688446	Safedraw®-P Luer-lock Adapter System	50/500
682158	Safedraw® Vacutainer Transfer Device (TA-STV)	25/125
682159	Safedraw® Luer-Lok Safe-Needle (TA-BPN)	50/500

DISPOSABLE PRESSURE TRANSDUCER SETS

Safedraw®-P Safe Arterial Sampling Meritrans DTXPlus®

Disposable Transducer Sets

Sterile, single use

Safedraw®-P arterial blood sampling systems are a unique range of invasive pressure monitoring sets designed for closed loop, safe arterial blood sampling procedures.

Whole blood samples are collected via direct luer-slip access into the unique Safedraw®-P split-septum blood sampling port, thereby negating the need for blood sampling adapters. The Safedraw®-P blood sampling port is either integrated directly into the tubing, or as an integral part of the special three-way sampling stopcock.

Safedraw®-P safe arterial blood sampling systems are designed to reduce unnecessary blood discard and blood spillage. The system's direct luer-slip access design facilitates easier blood sampling.

Available in Single, Double, Triple and 'Flexi' Disposable Transducer configurations, with Adult and Paediatric options.

Product Codes are shown on next page

SAFEDRAW®-P ACCESSORIES

PRODUCT CODE	PRODUCT DESCRIPTION	BOX/CASE CONTENT (UNITS)
688446	Safedraw®-P Luer-slip Adapter System	50/500

DISPOSABLE PRESSURE TRANSDUCER SETS

Safedraw®-P Safe Arterial Sampling
Meritrans DTXPlus®

Disposable Transducer Sets

Sterile, single use

PRODUCT CODE	NO. OF DISPOSABLE TRANSDUCERS	FLUSH/ FLOW RATE (mL/HR)	TOTAL PRESSURE LINE LENGTH (CM)	PRESSURE LINE(S) COLOUR	ADDITIONAL INFORMATION	SAFEDRAW SYRINGE VOLUME (mL)	SEPTUM MODEL	BOX/CASE CONTENTS (UNITS)
688413	1	3	183cm (153/30)	Clear	Single Admin Set. Single Transducer Set with Integrated Safedraw®-P Septum (Red)	2cc	1 x Inline	5/20
688410	1	3	213cm (183/30)	Red/Clear	Single Admin Set. Single Transducer Set with Integrated Safedraw®-P Septum (Red)	2cc	1 x Inline	5/25
688457	1	3	223cm (133/90)	Red/Clear	Single Admin Set. Single Transducer Set with Integrated Safedraw®-P Septum (Red)	3cc	1 x Inline	5/20
688538	1	3	78cm (63/15)	Red/Clear	Single Admin Set. Single Transducer Set with Integrated Safedraw®-P Septum (Red) with Velcro Strap for Arm mounting	1.5cc	1 x Inline	5/20
688403/ 689314*	1	3	A: 213cm (183/30) V: 150	A: Red/Clear V: Blue	Single Admin Set. Single Transducer Set with non-shunting stopcock and Integrated Safedraw®-P Septum (Red) (with Separately Packaged 150cm Blue pressure line)	2.5cc	1 x Inline	5/25
688407	1	3	A: 183cm (153/30) V: 125	A: Red/Clear V: Blue	Single Admin Set. Single Transducer Set with R.O.S.E., non-shunting stopcock, and Integrated Safedraw®-P Septum (Red) (with Separately Packaged 125cm Blue pressure line)	2cc	1 x Inline	5/20
688496	1	3	A: 193cm (163/30) V: 150	A: Red/Clear V: Blue	Single Admin Set. Single Transducer Set with non-shunting stopcock (with 150cm Blue pressure line) and Integrated Safedraw®-P Septum (Red)	2.5cc	1 x Inline (Red)	5/20
688416	2	3	A: 183cm (153/30) V: 150cm (125/25)	A: Clear V: Blue	Bifurcated Admin Set. Double Transducer Set with Integrated Safedraw®-P Septum (Red)	2cc	1 x Inline	5/20
688401	2	3	A: 213cm (183/30) V: 186cm (183/3)	A: Red/Clear V: Blue/Clear	Bifurcated Admin Set. Double Transducer Set with Integrated Safedraw®-P Septum (Red) and Integrated Safedraw®-P Stopcock Septum (Blue)	2.5cc	1 x Inline (Red) 1 x Stopcock (Blue)	5/25
688604	2	3	A: 223cm (133/90) V: 216cm (183/33)	A: Red/Clear V: Blue/Clear	Bifurcated Admin Set. Double Transducer Set with Integrated Safedraw®-P Septum (Red) and Integrated Safedraw®-P Stopcock Septum (Blue)	3cc	1 x Inline (Red) 1 x Stopcock (Blue)	5/25
688452	2	3	A: 223cm (133/90) V: 90cm	A: Red/Clear V: Blue	Trifurcated Admin Set. Double Transducer Set with Integrated Safedraw®-P Septum (Red) and Integrated Stopcock (Blue)	3cc	1 x Inline (Red)	5/20
688528	2	3	A: 223cm (133/90) V: 211cm (183/28)	A: Red/Clear V: Blue/Clear	Trifurcated Admin Set. Double Transducer Set with Integrated Safedraw®-P Septum (Red) and Integrated Safedraw®-P Stopcock Septum (Blue)	3.5cc	1 x Inline (Red) 1 x Stopcock (Blue)	5/20
688572	2	3	A: 233cm (143/90) V: 205cm (180/25)	A: Red/Clear V: Blue/Clear	Trifurcated Admin Set. Double Transducer Set with Integrated Safedraw®-P Septum (Red) and 2 x Sampling Stopcocks (Blue)	3cc	1 x Inline (Red)	5/20
688481	3	3	A: 213cm (183/30) V: 126cm (123/3) PA: 120cm	A: Red/Clear V: Blue/Clear PA: Yellow	Trifurcated Admin Set. Triple Transducer Set with Integrated Safedraw®-P Septum (Red) and Integrated Safedraw®-P Stopcock Septum (Blue)	3cc	1 x Inline (Red) 1 x Stopcock (Blue)	5/20
688396	1	3	193cm (163/30)	Red/Clear	Single Admin Set. Single 'Flexi' Transducer Set with non-shunting stopcock and Integrated Safedraw®-P Septum (Red)	2.5cc	1 x Inline	5/20
688389	1	3	193cm (163/30)	Red/Clear	Single Admin Set. Single 'Flexi' Transducer Set with Integrated Safedraw®-P Stopcock Septum (Red)	3cc	1 x Stopcock	5/20
688420/ 689311*	1	3	213cm (183/30)	Red/Clear	Single Admin Set. Single 'Flexi' Transducer Set with Integrated Safedraw®-P Septum (Red)	2.5cc	1 x Inline	5/25
688406	1	3	203cm (53/120/30)	Red/Clear	Single Admin Set. Single 'Flexi' Transducer Set with 2 x Integrated Safedraw®-P Septums (Red)	2.5cc	2 x Inline	5/20
688513	1	3	193cm (73/90/30)	Red/Clear	Single Admin Set. Single 'Flexi' Transducer Set with 2 x Integrated Safedraw®-P Stopcock Septums (Red)	3cc	2 x Stopcock	5/25
688408/ 689423*	1	3 (Paed Set)	143cm (128/15)	Clear	Single Paediatric Transducer Set with Integrated Safedraw®-P Septum (Red) **For use with Infusion Pump**	2.5cc	1 x Inline	5/25
688550/ 689312*	1	3 (Paed Set)	158cm (153/5)	Clear	Single Paediatric Transducer Set with Integrated Safedraw®-P Septum (Red) **For use with Infusion Pump**	2cc	1 x Inline	5/25
688600	1	30 (Paed Set)	158cm (153/5)	Clear	Single Paediatric Transducer Set with Integrated Safedraw®-P Septum (Red) **For use with Infusion Pump**	2cc	1 x Inline	5/25

* Safedraw®-P DEHP-free sets

RT2000™ Reusable Transducer Systems Overview

RT2000™ Reusable Transducer and Disposable Domes and Dome Systems are engineered to improve cost efficiencies by reducing disposal costs and waste while maintaining pressure waveform accuracy and reliability.

With the RT2000™ system, only the sterile disposable dome components are discarded after each patient use, while the reusable transducer is retained ready for the next patient's use. This enables the cost-per-patient set-up to be lower than that of a disposable transducer system, and minimises the environmental impact by reducing the volume of hazardous waste.

The one-handed 'snap-on' dry coupling system for engagement of the disposable sterile dome set is simple and quick to perform, thereby minimising initial set-up time. The straight and visible fluid pathway is designed for the disposable dome to fill, bubble-free with minimal effort. The integrated flush device and venting EasyVent zeroing stopcock provide quick, effective fluid control.

RT2000™ systems are available in Flexi format and with the Safedraw® and Safedraw®-P safe arterial blood sampling systems. These systems are designed to reduce unnecessary blood discard and blood spillage. Whole blood samples are collected in the 'closed-loop' Safedraw® and Safedraw®-P sets either via the Safedraw® self-sealing silicone septum or via direct luer-slip access into the unique Safedraw®-P split-septum blood sampling port. The 'closed-loop' system design facilitates easier blood sampling.

Available in Standard and 'Flexi' Disposable Dome configurations, with Adult Safedraw® and Safedraw®-P options.

See product table on next page.

RT2000™ REUSABLE TRANSDUCER SPECIFICATIONS

DETAIL	RT2000™ TRANSDUCER SPECIFICATIONS
Operating pressure:	-30 to 300 mmHg
Overpressure withstand	-400 to 5.170mmHg
Nominal sensitivity (gain):	5 μV/V/mmHg
Linearity:	±1% over 0-50 mmHg
Hysteresis:	±3% over 50-300 mmHg
Unbalance (zero balance):	+40 mmHg
Thermal coefficient of sensitivity (typical):	+0.15%/ °C
Thermal coefficient of zero (typical):	±1.0% mmHg / °C
Leakage:	<5μA at 220V 50Hz
Defibrillator withstand:	Withstand five repeated discharges in 5 minutes of 400J sinusoidal energy delivered into 50 ohms when all transducer wires are shorted and saline is in fluid column
Maximum Excitation Voltage:	10V DC or AC

RT2000™ Reusable Transducer and Disposable Domes and Dome Systems

Sterile, single use

PRODUCT CODE	NO. OF DISPOSABLE DOMES	FLUSH/ FLOW RATE (mL/HR)	TOTAL PRESSURE LINE LENGTH (CM)	PRESSURE LINE(S) COLOUR	ADDITIONAL INFORMATION	SAFEDRAW SYRINGE VOLUME (mL)	MODEL	BOX/CASE CONTENTS (UNITS)
682266	N/A	N/A	N/A	N/A	RT2000™ reusable pressure transducer	N/A	RT2000™	10/100
682263	1	3	N/A	N/A	RT2000™ Disposable dome with integral flow/flush device (3cc/hr nominal flow rate) and Zeroing Stopcock	N/A	DD2003	10/100
682265	1	N/A	N/A	N/A	RT2000™ Disposable dome without integral flow/flush device or Zeroing Stopcock	N/A	DD2000	10/100
686958	1	3	175cm (150/25)	Clear	Single Admin Set. Single RT2000™ 'Universal' Dome Set	N/A	N/A	5/25
687886	1	3	175cm (150/25)	Red	Single Admin Set. Single 'Flexi' RT2000™ Arterial Dome Set with non-shunting stopcock	N/A	N/A	5/20
686961	1	3	175cm (150/25)	A: Red V: Blue	Single Admin Set. Single 'Flexi' RT2000™ Arterial Dome Set with non-shunting stopcock (with Separately Packaged 150cm Blue pressure line)	N/A	N/A	5/20
687887	1	3	175cm (160/15)	Blue	No Admin Set. Single 'Flexi' RT2000™ Add-On Venous Dome Set	N/A	N/A	5/25
687888	1	3	175cm (175)	Yellow	No Admin Set. Single 'Flexi' RT2000™ Add-On PA Dome Set	N/A	N/A	5/25
688397	1	3	193cm (163/30)	Red/Clear	Single Admin Set. Single 'Flexi' RT2000™ Arterial Dome Set with non-shunting stopcock and Integrated Safedraw®-P Septum (Red)	2.5cc	Safedraw®-P 1 x Inline	5/20
688546	1	3	A: 180cm (150/30) V: 150	A: Red/Clear V: Blue	Single Admin Set. Single RT2000™ Arterial Dome Set with non-shunting stopcock (with 150cm Blue pressure line) and Integrated Safedraw®-P Septum (Red)	2.5cc	Safedraw®-P 1 x Inline	5/20

RT2000™ SAFEDRAW® AND SAFEDRAW®-P ACCESSORIES

PRODUCT CODE	PRODUCT DESCRIPTION	BOX/CASE CONTENT (UNITS)
688446	Safedraw®-P Luer-lock Adapter System	50/500
682158	Safedraw® Vacutainer Transfer Device (TA-STV)	25/125
682159	Safedraw® Luer-Lok Safe-Needle (TA-BPN)	50/500

Meritrans DTXPlus® Paediatric and Neonatal

Disposable Transducer Sets
Sterile, single use

Meritrans DTXPlus® Paediatric and Neonatal Transducer Systems are a range of 'Standard' and 'Closed loop' Safedraw® and Safedraw®-P safe arterial blood sampling invasive pressure monitoring sets specifically designed with the Paediatric and Neonatal patient in mind. Whole blood samples are collected in the 'closed-loop' Safedraw® and Safedraw®-P sets either via the Safedraw® self-sealing silicone septum or via direct luer-slip access into the unique Safedraw®-P split-septum blood sampling port. Safedraw® and Safedraw®-P safe arterial blood sampling systems are designed to reduce unnecessary blood discard and facilitate the safe return of diluted blood back to the infant. These systems are configured for use with an Infusion Pump.

PRODUCT CODE	NO. OF DISPOSABLE TRANSDUCERS	FLUSH/ FLOW RATE (mL/HR)	TOTAL PRESSURE LINE LENGTH (CM)	PRESSURE LINE(S) COLOUR	ADDITIONAL INFORMATION	SAFEDRAW® SYRINGE VOLUME (mL)	SEPTUM MODEL	BOX/CASE CONTENTS (UNITS)
682022	1	30 (Paed Set)	160cm (150/10)	Clear	Single Paediatric Transducer Set **For use with Infusion Pump**	N/A	N/A	5/50
682025	1	30 (Paed Set)	35cm (25/10)	Clear	Single Paediatric Transducer Set **For use with Infusion Pump**	N/A	N/A	5/50
682052	1	30 (Paed Set)	135cm (125/10)	Clear	Single Paediatric Transducer Set with Integrated Safedraw® Septum (Red) **For use with Infusion Pump**	1cc	Safedraw® 1 x Inline	5/25
688077	1	3 (Paed Set)	135cm (125/10)	Clear	Single Paediatric Transducer Set with Integrated Safedraw® Septum (Red) **For use with Infusion Pump**	2.5cc	Safedraw® 1 x Inline	5/25
688849	1	3 (Paed Set)	29cm (22/7)	Clear	Single Paediatric Set with Integrated Safedraw® Septum (Red) **For use with Infusion Pump**	0.5cc	Safedraw® 1 x Inline	5/25
688408	1	3 (Paed Set)	143cm (128/15)	Clear	Single Paediatric Transducer Set with Integrated Safedraw-P Septum (Red) **For use with Infusion Pump**	2.5cc	Safedraw®-P 1 x Inline	5/25
688550/689312*	1	3 (Paed Set)	158cm (153/5)	Clear	Single Paediatric Transducer Set with Integrated Safedraw®-P Septum (Red) **For use with Infusion Pump**	2cc	Safedraw®-P 1 x Inline	5/25
688600	1	30 (Paed Set)	158cm (153/5)	Clear	Single Paediatric Transducer Set with Integrated Safedraw®-P Septum (Red) **For use with Infusion Pump**	2cc	Safedraw®-P 1 x Inline	5/25

SAFEDRAW® AND SAFEDRAW®-P ACCESSORIES

PRODUCT CODE	PRODUCT DESCRIPTION	BOX/CASE CONTENT (UNITS)
688446	Safedraw®-P Luer-lock Adapter System	50/500
682158	Safedraw® Vacutainer Transfer Device (TA-STV)	25/125
682159	Safedraw® Luer-Lok Safe-Needle (TA-BPN)	50/500

Catheter
Lab Set

Contrast
Saver Set
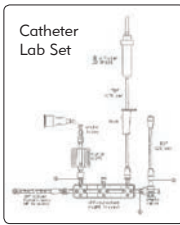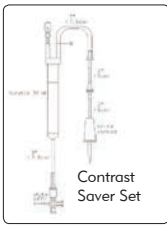
Meritrans DTXPlus® Cardiac Catheterisation Laboratory Transducer Set Configurations

Sterile, single use

With ease of priming and de-bubbling, with 'standard' and 106cm (42'') cable option and a choice of flush and no-flush versions, the Meritrans DTXPlus® transducer sets facilitate accurate pressure monitoring within the Cath Lab environment.

High pressure manifolds are supplied with a choice of 'Open' or 'Finger grip' (Block) design, 2, 3 or 4 ports, and having either a 'Left' or 'Right' rotating adapter to best meet specific procedural needs and physician preferences.

Available in clear, semi-rigid PVC and Flexible Braided Polyurethane with or without Rotating Adapter, High Pressure Injection Lines are designed to provide optimal flexibility, easy debubbling and secure connections and are rated up to 1200 psi.

Control Syringes are available with choice of 'Thumb Ring' or 'Palm Pad' design, 'Finger Ring' vs 'Finger Grip', and 10mL vs 12mL volume options to best suit most clinical needs and hand sizes.

Choice of syringe Palm Pad designs, including 'soft touch' options, allows for full force palm injections and thumb ring design facilitates aspirations and injections whilst choice of finger grip or ring style to meet most clinical needs. Contrast Saver Administration set options available to reduce contrast wastage and reduce risk of air entering the system.

PRODUCT CODE	DISPOSABLE TRANSDUCER MODEL	FLUSH/ FLOW RATE (mL/HR)	MANIFOLD	PRESSURE LINE(S) COLOUR	ADDITIONAL INFORMATION	CHECK VALVES	CONTRAST SYRINGE	BOX/CASE CONTENTS (UNITS)
688759	Meritrans DTXPlus® TNF-R with 106cm transducer cable	No Flush	3-way, 360° 'off-directed', right orientated, block body, Rotating Adapter	25cm High Pressure braided	Cath Lab set with Meritrans DTXPlus® TNF-R transducer, 3-way 'off-directed' right orientated manifold with 25cm High pressure braided tubing, administration set (15 micron filter), Dual Check Valve and 12ml Contrast Syringe. (For use with Contrast Saver set P/N: 688758)	1 x Dual Check Valve	12ml with thumb/ finger rings and rotating adapter	5/20
688758	N/A	N/A	N/A	N/A	Contrast Saver Kit with 30ml burette and white stopcock. (For use with Meritrans DTXPlus® DT Manifold Cath Lab Kits)	N/A	N/A	5/25
686331	Meritrans DTXPlus® DT-XX	3cc/hr	2-way 'on-directed', right orientated, block body, Rotating Adapter	75cm Clear	Cath Lab set with Meritrans DTXPlus® DT-XX pressure transducer, 75cm Clear pressure line, 2-way 'on-directed' right orientated manifold with Contrast administration set (200 micron filter), 12ml Contrast Syringe and administration set (15 micron filter).	N/A	12ml with thumb/ finger rings and rotating adapter	5/20
686549	Meritrans DTXPlus® DT-XX	3cc/hr	N/A	150cm Red	Cath Lab set with Meritrans DTXPlus® DT-XX pressure transducer with administration set (15 micron filter), 150cm Red pressure line, stopcock and High Pressure Rotating Adapter. (FOR PAEDIATRIC CATHETERISATION PROCEDURES)	N/A	N/A	5/25
686132	Meritrans DTXPlus® TNF-R	No Flush	2-way 360° 'off-directed', right orientated, block body, Rotating Adapter	150cm Clear	Cath Lab set with Dual Check Valve, 2-way 'off-directed' right orientated manifold with 2 x Contrast administration sets (200 micron filter), 150cm Clear pressure tubing and 10ml Contrast Syringe. Separately packaged Meritrans DTXPlus® TNF-R transducer with tap and ROSE (Resonance OverShoot Device).	1 x Dual Check Valve	10ml with thumb ring/finger grips and 0.5ml 'stop' ring	5/20
686237	Meritrans DTXPlus® DT-XX	3cc/hr	N/A	25cm, 30cm and 75cm Clear	Cath Lab set with Meritrans DTXPlus® DT-XX pressure transducer with administration set (15 micron filter), 75cm Clear pressure line, High Presssure stopcock with 30cm Clear pressure line and 25cm Clear pressure line and High Pressure Rotating Adapter	N/A	N/A	5/25
688744	Meritrans DTXPlus® DT-XX	3cc/hr	2-way 'on-directed', right orientated, block body, Rotating Adapter	150cm Clear	Cath Lab set with Meritrans DTXPlus® DT-XX pressure transducer with administration set (15 micron filter), 150cm Clear pressure line and 2-way 'on-directed' right orientated manifold.	N/A	N/A	5/25
688709	Meritrans DTXPlus® TNF-R	No Flush	3-way 'on-directed', right orientated, block body, Rotating Adapter	130cm Clear, 120cm High Pressure	Cath Lab set with Meritrans DTXPlus® TNF-R transducer with tap, 130cm Clear pressure tubing, 3-way 'on-directed' right orientated manifold with administration set (15 micron filter) with tap, 120cm High Pressure tubing and 12ml Contrast Syringe. (For use with Contrast Saver set P/N: 688758)	N/A	12ml with thumb/ finger rings and rotating adapter	5/20
688143	Meritrans DTXPlus® TNF-R	No Flush	N/A	130cm Clear	Cath Lab set with Meritrans DTXPlus® TNF-R pressure transducer with 3 way stopcock, 130cm Clear pressure line, 2 x 3 way stopcocks and administration set (15 micron filter).	N/A	N/A	5/25
687699	Meritrans DTXPlus® DT-XX	3cc/hr	N/A	100cm Clear	Cath Lab set with 10ml Contrast Syringe. Separately packaged Meritrans DTXPlus® DT-XX pressure transducer with administration set (15 micron filter), 100cm Clear pressure line, 3 way stopcock with High Pressure Rotator Adapter and Dual Check Valve with contrast administration set (15 micron filter).	1 x Dual Check Valve	10ml with thumb ring/finger grips	5/20

Meritrans DTXPlus® Accessories
Sterile, single use

PRODUCT CODE	MALE/FEMALE OR MALE/MALE LINE CONNECTION	TUBING LENGTH	LINE COLOUR CODING	BOX/CASE CONTENT (UNITS)	PRIMING VOLUME (CM³/CM)	TUBE DIAMETER INNER (MM)	OUTER (MM)
PRESSURE LINES (PVC)							
682226	M/F	25cm	Clear	25/125	0.019	1.575 (± 0.076)	3.175 (± 0.051)
682229	M/F	100cm	Clear	25/125	0.019	1.575 (± 0.076)	3.175 (± 0.051)
682230	M/F	150cm	Clear	25/125	0.019	1.575 (± 0.076)	3.175 (± 0.051)
682232	M/F	200cm	Clear	25/125	0.019	1.575 (± 0.076)	3.175 (± 0.051)
682234	M/M	100cm	Clear	25/125	0.019	1.575 (± 0.076)	3.175 (± 0.051)
682079	M/M	150cm	Clear	25/125	0.019	1.575 (± 0.076)	3.175 (± 0.051)
682236	M/M	200cm	Clear	25/125	0.019	1.575 (± 0.076)	3.175 (± 0.051)
682237	M/F	100cm	Red	25/125	0.019	1.575 (± 0.076)	3.175 (± 0.051)
685185	M/F	150cm	Red	25/125	0.019	1.575 (± 0.076)	3.175 (± 0.051)
685190	M/M	125cm	Blue	25/125	0.019	1.575 (± 0.076)	3.175 (± 0.051)
685171	M/M	150cm	Blue	25/250	0.019	1.575 (± 0.076)	3.175 (± 0.051)
686619	M/F	150cm	Yellow	25/125	0.019	1.575 (± 0.076)	3.175 (± 0.051)
CONNECTA PE PRESSURE MONITORING LINES (POLYETHYLENE)							
682194	M/F	15cm	Clear (Red/Blue Stickers)	25/250	0.011	1.20 (± 0.05)	2.50 (+ 0.1/- 0.05)
682185	M/F	50cm	Clear (Red/Blue Stickers)	25/250	0.011	1.20 (± 0.05)	2.50 (+ 0.1/- 0.05)
682189	M/F	100cm	Clear (Red/Blue Stickers)	25/250	0.011	1.20 (± 0.05)	2.50 (+ 0.1/- 0.05)
682191	M/F	150cm	Clear (Red/Blue Stickers)	25/250	0.011	1.20 (± 0.05)	2.50 (+ 0.1/- 0.05)
682192	M/F	200cm	Clear (Red/Blue Stickers)	25/250	0.011	1.20 (± 0.05)	2.50 (+ 0.1/- 0.05)
682186	M/M	50cm	Clear (Red/Blue Stickers)	25/250	0.011	1.20 (± 0.05)	2.50 (+ 0.1/- 0.05)
682190	M/M	100cm	Clear (Red/Blue Stickers)	25/250	0.011	1.20 (± 0.05)	2.50 (+ 0.1/- 0.05)
682193	M/M	200cm	Clear (Red/Blue Stickers)	25/250	0.011	1.20 (± 0.05)	2.50 (+ 0.1/- 0.05)

PRODUCT CONTENTS
- Pressure Lines (PVC) for accurate transmission of the pressure waveform
- PVC Pressure Lines maximum pressure tolerance (fluid filled) 200 psi
- Connecta PE (PolyEthylene) lines as a non PVC alternative
- Colour coded stickers supplied with Connecta PE to facilitate line identification
- Connecta PE Pressure Lines maximum pressure tolerance (fluid filled) 43 psi

PRESSURE ACCESSORIES (NON-STERILE)

PRODUCT CODE	MODEL	DESCRIPTION	BOX/CASE CONTENT (UNITS)
682093	TBG	Transducer BackGround for pole mounting (up to 4 transducers)	10/100
682274	TMM	Snap-On TMM Cable Organiser	5/50
682275	TMM/TBG	TBG with Snap-On TMM Cable Organiser (P/Ns 682093, 682274)	5/50
10026379	'O' Ring	Replacement 'O' Ring for Interface Cable	50
684003	Cable Checker	Transducer tester for monitor calibration	1
682104	UMM	Universal Manifold Mount	5/50

Meritrans DTXPlus®
Transducer Interface Cables

Merit supplies compatible interface cables for the majority of currently available blood pressure monitors.
Below are listed the most common interface cables for use with Merit's Meritrans DTXPlus® transducers.
If your requirements are not listed, please contact your local Merit office for assistance.

When purchasing cables, please specify:
1. Monitor type.
2. Model number and/or serial number.

PRODUCT CODE	MONITOR	MODEL
684078 / 684266	Datascope / Mindray	All Models (Passport, Accutorr, CS100/CS300 IABP)
684081 / 684267	Mindray	BeneView T5, T8, T1; IPM (8, 10, 12); BeneHeart D6
684081 / 684267	Philips	78341A, 78342A, etc. / 78354C, 78205A-D, 12-pin / 78352, CMS (Merlin line), M1006A/B, M1026A / M1166A / Viridia / HP Scop Eurelie 24C, CMS2001, V24, V26, M2, M3, M4, Intelivue
684082 / 684268	Dräger / Siemens	400 Series, 960, 961, Sirecust 4041, 700, 1260, 342, 732, SC7000, SC8000), SC9000), Infinity Gamma, Infinity Delta, Infinity Kappa, Infinity Vista all with 10 pin connector
684085 / 684269	Tektronics	400 Series
684085 / 684269	Vitalert	2000
684085 / 684269	Vitatek	Series 400, 500
684085 / 684269	Welch Allyn	1500
684085 / 684269	Zoll	Zoll Defibrillators
684085 / 684269	Spacelabs	Series 400, 500, 90308/11/31, MOD-CD
684085 / 684269	Protocol Propaq	Protocol Propaq series; Propaq 106EL
684085 / 684269	Nellcor	Escort 300 MDE
684085 / 684269	Criticon / GE Marquette	Dynamap
684085 / 684269	Mindray	PM8000, PM7000, PM9000, Spectrum; MEC Series; Passport/Spectrum
684090 / 684277	Nihon Kohden	MFV1100,1200,1230A; Lifescope 8, 9, 11, 12, 14,BSM-8300J/K, 3000, BSM4100
684096	Marquette (GE)	7000 Series, 7010 Mod 7200
684102 / 684270	GE / Marquette	GE Monitor with Marquette 'front end': 7009 / Tramscope Series(600SL) - Eagle-Solar 8000, Solar 9000, Eagle3000/1000, Mab Lab 6Fx3F, Tram 450SL, 6200, Tram600A, EK36, Dash 3000, Dash 4000, Dash 5000
684104 / 684271	GE / Datex Ohmeda	GE Monitor with Datex-Ohmeda 'front end': SYS 800, MOD 8641, SIVA 3000, Cardiocap, Cardiocap II, AS3, S5, Aestiva, ADU(S5) and Aisys
684109 / 684272	No Monitor Connection	(Flying Leads) Shield: Dependent on Monitor. Black: + Signal; White: - Signal. Green: + Excitation; Red: - Excitation
684128	Dräger	PM8040, PM8060, Dräger Cato, Cicero & Julian Anes. Machine, Vitara
684128	E for M	RM300 (E for M/Honeywell)
684129 / 684278	Kontron, Arrow	Minimon 7131 etc., 7132 etc., K2000, 7272 / Supermon 7210 / Cart 2 Plus Balloon Pump, Oxford ACAT1
684138	Jostra	
684178 / 684273	Dräger / Siemens	SC6000P, 6002, 5000, 6004, 7000, Infinity Gamma, Infinity Delta, Infinity Kappa, Infinity Vista all with 7 pin connector
684181	Prucka Eng. Inc.	Cardiolab II / 1.1, AMP II
684188	Stöckert (Sorin)	S3 / S5
684227	Spacelabs (Vitatek) / BCI	400, 500, 90485, Alpha-PC, 90603A, BCI 9100, 90303B-Mod90470-05, CD-CV, 90369, 90385, 90470, 90496, Ultraview 1600
684230	Physiocontrol/Medtronic	Lifepack 12 (6 pin)
684236	Dräger / Siemens	Hemo Pod Adapter (One adapter for each Hemo2 Pod and two for each Hemo4/HemoMed Pod)
684243	Stöckert (Sorin)	Heart Lung Machine
JP-900P	Nihon Kohden	NK9000

ACCESSORIES
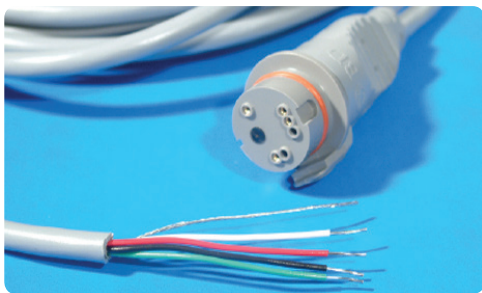
684109 / 684272 – Pin N/A - LF

No Monitor Connection *('flying lead')*
Wiring Guide:
 (+) Excitation Voltage
 (-) Excitation Voltage
 (+) Signal
 (-) Signal
 Dependant on monitor specification

684078 / 684266 - 6 Pin F - LF

Datascope/Mindray - *All Models*
Passport, Accutorr, CS100/CS300 IABP

684082 / 684268 – 10 Pin M - LF

Dräger/Siemens
400 Series, 960, 961, Sirecust 4041,700,1260, 342,
732, Sirecust 342, 4XX, 7XX, 9XX, 12XX

SC7000, SC8000, SC9000, Infinity Gamma, Delta,
Kappa, Vista all with 10 pin connector

684085 / 684269 – 6 Pin M - LF

Criticon/GE Marquette - *Dynamap*
Mindray - *PM/MEC Series, Spectrum*
Nellcor - *Escort 300 MDE*
Physiocontrol (Medtronic) - *Lifepack12*
Protocol Propaq - *Protocol Propaq series; Propaq 106EL;*
Spacelabs - *Series 400, 500, 90308/11/31,*
MOD-CD, CD-CV Tektronics - 400 Series
Vitalert - *2000*
Vitatek - *Series 400, 500*
Welch Allyn -*1500*
Zoll - *Zoll Defibrillators*

684128 – 10 Pin M - LF

E for M/Honeywell
RM300
Dräger
PM8040, PM8060, Dräger Vitara, Cato,
Cicero & Julian Anes. machine
Philips
CM140

684178 / 684273 – 7 Pin M - LF
Dräger/Siemens
SC6000P, 6002, 5000, 6004, 7000, Infinity Gamma,
Delta, Kappa, Vista all with 7 pin connector
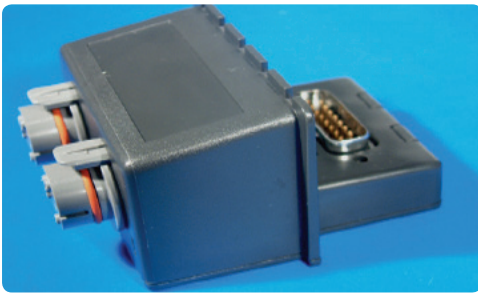
684236 – 15 Pin M

Dräger/Siemens
*Hemo Pod Adapter (One adapter for each Hemo2 Pod
& two for each Hemo4/HemoMed Pod)*

684104 / 684271 – 10 Pin F - LF

GE / Datex-Ohmeda
*GE Monitor with Datex-Ohmeda 'front end':
SYS 800, MOD 8641, SIVA 3000, Cardiocap,
Cardiocap II, AS3, S5, Aestiva, ADU(S5) and Aisys*

684102 / 684270 - 11 Pin M - LF

GE / Marquette
*GE Monitor with Marquette 'front end': 7009 / Tramscope
Series(600SL), Eagle-Solar 8000, 9000, 3000/1000, Mab
Lab 6Fx3F, Tram 450SL, 6200, Tram600A, EK36, Dash
3000, Dash 4000, Dash 5000, Carescape B650*

684138 – 5 Pin M

Jostra
(Heart pump)

684129 / 684278 – 12 Pin M - LF

Kontron, Arrow
*Minimon 7131, 7132 etc, K2000, 7272 / Supermon 7210
/ Cart 2 Plus, Balloon Pump, Oxford ACAT1*

684096 – 8 Pin M - LF

GE / Marquette
7000 series, 7010, Mod 7200

684090 / 684277 – 5 Pin M - LF

Nihon Kohden
*MFV1100,1200,1230A; Lifescope 8, 9, 11, 12, 14,
BSM-8300J/K, 3000, BSM4100*

JP - 900P (OTCN KB559)

Nihon Kohden
NK9000

ACCESSORIES

684081 / 684267 – 12 Pin M - LF

Philips
*CMS (Merlin line), M1006A/B, M1026A /
M1166A / Viridia / HP Scop Eurelie 24C,
CMS2001, V24, V26, M2, M3, M4, Intelivue*
Mindray
*BeneView T5, T8, T1; IPM (8, 10, 12);
BeneHeart D6*

684181 – 8 Pin M

Prucka Eng Inc.
CARDIOLAB II / 1.1, AMP II

684227 – 6 Pin M - LF
(identical to P/N 684085)

Spacelabs (Vitatek)
*BCI - 400, 500, 90485, Alpha-PC, 90603A, BCI 9100,
90303B-Mod90470-05, CD-CV, 90369, 90385, 90470,
90496, Ultraview 1600*

684188 - 4 Pin M

Stöckert (Sorin)
S3, S5

684243 – 4 Pin M - LF

Stöckert (Sorin)
Heart Lung Machine

684056 Model: SP4042

In-Line Injectate Sensor Cable
For use with Abbott Oximetrix, Arrow, Baxter, Edwards 9520A or Com1, Mennen Horizon 2000 series (Cable 800-030-200), Spacelebs Alpha PC or PCMS (bifurcated cable model 306655-001), Datex AS3 and Critikit Injectate Set or SP5045 Sensor Housing

684062 Model: SP4045

In-Line Injectate Sensor Cable
For use with Nihon Kohden, Spacelabs (bifurcated cable model 306655-002), Fukuda Denshi IB5006 (DSCP), Dynascope DS3300 and Critikit Injectate Set or SP5045 Sensor Housing

684057 Model: SP4043

In-Line Injectate Sensor Cable
For use with Siemens bifurcated cable, Siemens Pod system (model 8419145) and Critikit Injectate Set or SP5045 Sensor Housing

684063 Model: SP4046

In-Line Injectate Sensor Cable
For use with Philips Cardiac Output module (trifurcated cable M1641A or M1642A) and Critikit Injectate Set or SP5045 Sensor Housing

DISPOSABLE PRESSURE TRANSDUCER SETS

Meritrans® Pressure Transducer Sets with Cardiac Catheterisation Kit Configuration

MERITRANS® PRESSURE TRANSDUCERS

With reliable precision, customised configurations, and a clear fluid path, Meritrans® pressure transducers can be customised to fit the needs of your physicians and labs. Our transducers are available in both hand-held and Paley setups; Meritrans® can also be configured with a broad range of Merit accessories.

MERITRANS® BLOOD PRESSURE TRANSDUCERS with winged housing.
Packaged 25 units per box, 4 boxes per case.
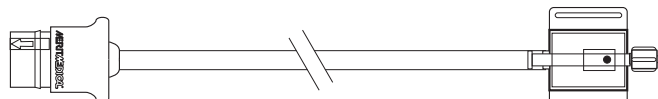
12" (30 cm) Pigtail Cable	48" (122 cm) Pigtail Cable
CATALOGUE NUMBER MER100	MER148

MERITRANS® BLOOD PRESSURE TRANSDUCER with non-winged housing. Packaged 25 units per box, 4 boxes per case.
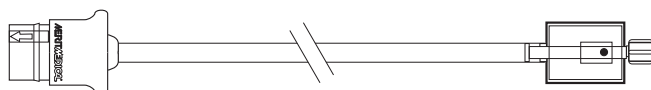
	12" (30 cm) Pigtail Cable	48" (122 cm) Pigtail Cable
CATALOGUE NUMBER	MER212	MER200

MERITRANS® MER100 with bonded standard pressure 1-way and 3-way Marquis® stopcocks. Packaged 25 kits per box, 4 boxes per case.
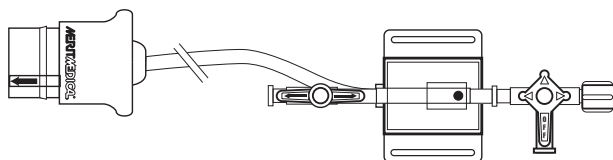
	12" (30 cm) Pigtail Cable
CATALOGUE NUMBER	K11-00096

MERITRANS® MER100 with two bonded standard pressure 1-way Marquis stopcocks. Packaged 15 kits per box, 4 boxes per case.
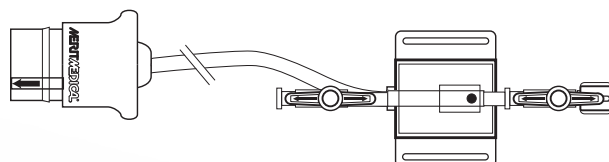
	12" (30 cm) Pigtail Cable
CATALOGUE NUMBER	K11-00098

Meritrans® Pressure Transducers

MERITRANS® MER100 with two bonded standard pressure 3-way Marquis® stopcocks. Packaged 15 kits per box, 4 boxes per case.
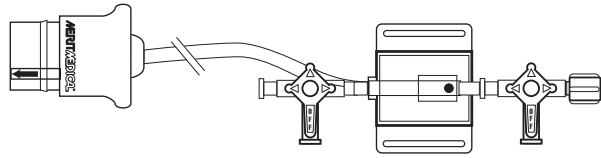
12" (30 cm) Pigtail Cable

CATALOGUE NUMBER	K11-00099

MERITRANS® MER100 with bonded standard pressure 3-way and 1-way Marquis stopcocks. Packaged 15 kits per box, 4 boxes per case.
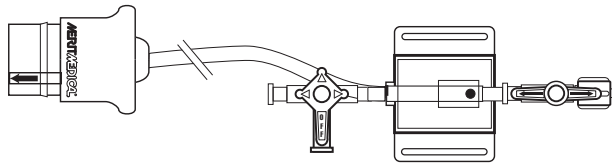
12" (30 cm) Pigtail Cable

CATALOGUE NUMBER	K11-00100

MERITRANS® MER200 with bonded standard pressure 1-way Marquis stopcock. Packaged 25 kits per box, 4 boxes per case.
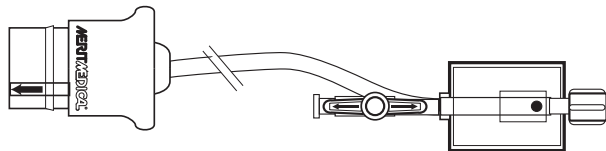
48" (122 cm) Pigtail Cable

CATALOGUE NUMBER	K11-00137

MERITRANS® MER200 with a 3-way Marquis stopcock bonded to both ends. Packaged 15 kits per box, 4 boxes per case.
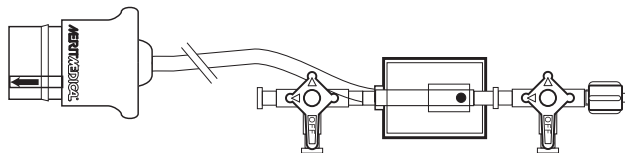
48" (122 cm) Pigtail Cable

CATALOGUE NUMBER	K11-00144

Meritrans® Pressure Transducers

MERITRANS® MER100 with 3-way Marquis® stopcocks bonded to the female luer, flush device and 72" (183 cm) small bore fluid administration line with vented/filtered drip chamber. Packaged 15 kits per box, 4 boxes per case.
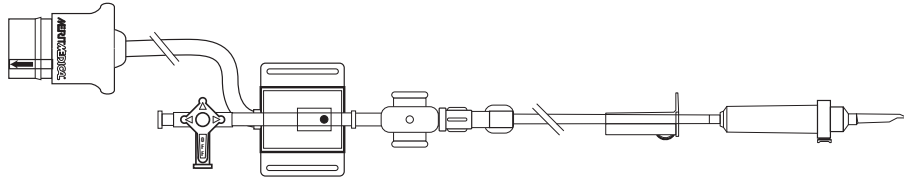
12" (30 cm) Pigtail Cable

CATALOGUE NUMBER	K11-00280

MERITRANS® MER200 with a 3-way Marquis Stopcock (medium pressure, rotating male adapter) and a 1-way Marquis stopcock. Packaged 15 kits per box, 4 boxes per case.
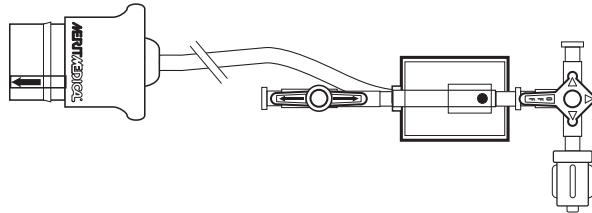
48" (122 cm) Pigtail Cable

CATALOGUE NUMBER	K11-00392

MERITRANS® MER200 with a 3-way Marquis stopcock and a 1-way Marquis stopcock. Packaged 15 kits per box, 4 boxes per case.
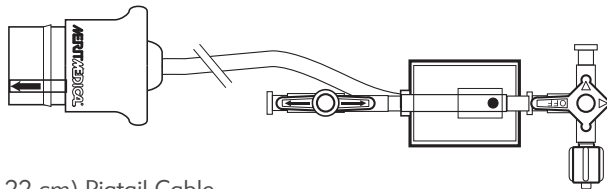
48" (122 cm) Pigtail Cable

CATALOGUE NUMBER	K11-00202

MERITRANS® MER100 with a 1-way Marquis stopcock. Packaged 15 kits per box, 4 boxes per case.
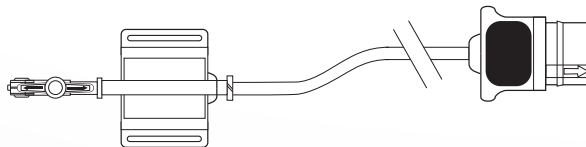
48" (122 cm) Pigtail Cable

CATALOGUE NUMBER	K11-01321

Meritrans® Pressure Transducers

MERITRANS® MER200 with a 3-way Marquis® Stopcock and a 1-way Marquis stopcock. Packaged 15 kits per box, 4 boxes per case.

48" (122 cm) Pigtail Cable

CATALOGUE NUMBER	K11-00419

TRAM® Manifolds with Integrated Transducer

The TRAM® Manifold with Integrated Transducer gives a single operator the convenience to de-bubble, zero and rezero within the sterile field. The TRAM® has optimised clinician comfort by reducing hand fatigue with low torque, easy-to-turn wide-spaced handles, even when utilising higher injection pressures. The Devos™ TRAM® manifold has a check relief valve. Packaged 10 units per box, 4 boxes per case.

	1 Port	2 Port	3 Port	4 Port
200 PSI (14 BAR)				
ON Handles Wide				
Standard	201LTPHN-R		203LTPHN-R	
OFF Handles Wide		202LTPHWF-R	203LTPHWF-R	204LTPHWF-R
Devos				2V4LTPHWF-R
Devos with 360° handle				2V4LTPHWF-RT
Standard			203LTPHF-R	
500 PSI (34 BAR)				
ON Handles Wide		502LTPHWN-R	503LTPHWN-R	504LTPHWN-R
Standard	501LTPHN-R		503LTPHN-R	
OFF Handles Wide		502LTPHWF-R	503LTPHWF-R	504LTPHWF-R
Standard			503LTPHF-R	

Tram-P™ Manifolds with Integrated Transducer

The TRAM-P™ features a pressure transducer on the first port. By positioning the compensation line on an IV pole rather than on a table, the TRAM-P™ maintains a constant calibrated reading. With this configuration, the manifold can be moved to any position without affecting the accuracy of the pressure reading. Comfortable wide-spaced finger grip option. The Devos™ TRAM-P™ manifold has a check relief valve. Packaged 10 units per box, 4 boxes per case.

	1 Port	2 Port	3 Port	4 Port

200 PSI (14 BAR)

		1 Port	2 Port	3 Port	4 Port
ON Handles	Wide		202LTCHWN-R	203LTCHWN-R	204LTCHWN-R
	Standard	201LTCHN-R		203LTCHN-R	
OFF Handles	Wide		202LTCHWF-R	203LTCHWF-R	204LTCHWF-R
	Devos				22V4LTCHWF-R
	Devos with 360° handle				2V4LTCHWF-RT
	Standard			203LTCHF-R	

500 PSI (34 BAR)

		1 Port	2 Port	3 Port	4 Port
ON Handles	Wide		502LTCHWN-R	503LTCHWN-R	504LTCHWN-R
	Standard	501LTCHN-R		503LTCHN-R	
OFF Handles	Wide		502LTCHWF-R	503LTCHWF-R	504LTCHWF-R
	Standard	501LTCHF-R		503LTCHF-R	

TRAM-P™
Transducer and Manifold

Meritrans® Accessories

MERITRANS® ORGANIZER
Plate with coloured labels. Packaged 5 units per box.
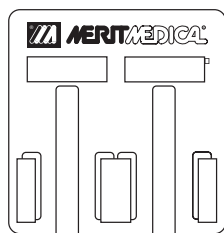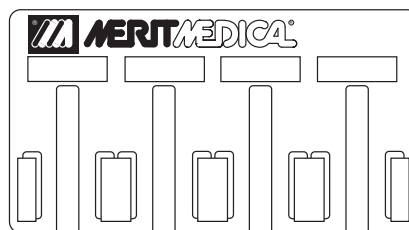
	2 Port	4 Port
CATALOGUE NUMBER	MER110	MER111

CLIPPER POLE MOUNT
Packaged 1 unit per box.
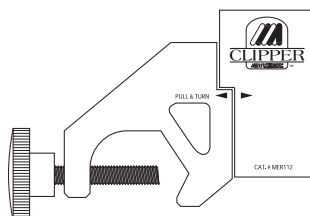
	Rotates to Vertical or Horizontal Position	Fixed Position
CATALOGUE NUMBER	MER112	MER113
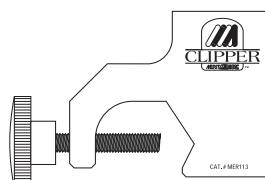
NOTE: Autoclavable Clipper® (MER113A) is available upon special request. Please allow six weeks lead time for delivery.

MERITRANS® REUSABLE CABLE SERIES
Includes 19 standard cables for use with most monitor configurations. Compatible cables for your monitoring system available through your Merit representative.
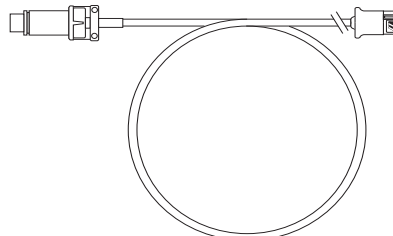
Meritrans® Cables

MERITRANS® REUSABLE CABLE SERIES

Includes 19 standard cables for use with most monitor configurations. Compatible cables for your monitoring system available through your Merit representative.
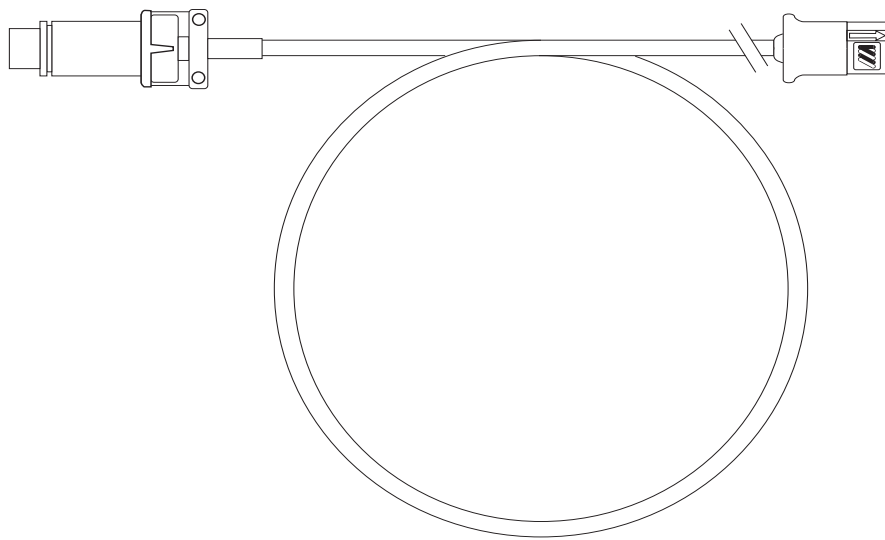
The Mentor™ Pressure Transducer Simulator/Tester

Accuracy:
±1% of Reading or ±1mmHg, whichever is greater

Sensor Overpressure:
1000mmHg

Mentor Working Pressure Range:
+300 mmHg, displays "OPr" when outside this range

Transducer Simulator:

- Sensitivity: 5 µV/V/mmHg, +/- 1%
- Excitation: 2 to 10 vdc, or vac rms to 5 khz
- Input Impedance: 2300 Ω, 330 Ω with Reusable Cable
- Output Impedance: 300 Ω
- Asymmetry: Less than 1%

Electronic, hand-held simulator to help you
troubleshoot your haemodynamic system

MER500

With 0.2 Micron Microbiological Filter

MER555

THERMODILUTION & PULMONARY ARTERY CATHETERS

Exacta® Percutaneous Sheath Introducer Sets

Sterile, single use

PERCUTANEOUS SHEATH INTRODUCERS FOR THE INTRODUCTION OF PULMONARY ARTERY CATHETERS

PRODUCT CODE	SIZE*	INTRODUCER LENGTH	CANNULA INTRODUCER		NEEDLE INTRODUCER		GUIDEWIRE OD & LENGTH	CONTAMINATION SHIELD LENGTH	HIGH-FLOW STOPCOCK	SYRINGE	SCALPEL	OBTURATOR	BOX/CASE CONTENT (UNITS)
			GAUGE	LENGTH	GAUGE	LENGTH							
680128**	6Fr	100mm	16G	70mm	17G	70mm	0.9 x 450mm	800mm	Yes	Yes	Yes	Yes	5/50
680140**	7Fr	100mm	16G	70mm	17G	70mm	0.9 x 450mm	800mm	Yes	Yes	Yes	Yes	5/50
680126**	8Fr	100mm	16G	70mm	17G	70mm	0.9 x 450mm	800mm	Yes	Yes	Yes	Yes	5/50
680132	Link Kit 8.5Fr	100mm	16G	70mm	17G	70mm	0.9 x 450mm	-	Yes	Yes	Yes	Yes	5/50
680124**	8.5Fr	100mm	16G	70mm	17G	70mm	0.9 x 450mm	800mm	Yes	Yes	Yes	Yes	5/50

* For introduction of 1Fr smaller size catheters

** Exacta® – latex free

PRODUCT DESCRIPTION

• Radiopaque FEP sheath with integral sidearm

• Tuohy Borst adapter and haemostasis valve

• Matched dilator with luer lock collar

• Exacta® sets include a contamination shield with Tuohy Borst lock

• Two separately packaged sterile obturators supplied per box of 5 Exacta® sheath systems

How Merit percutaneous introducers can benefit you

• Radiopaque FEP sheath is designed to reduce the risk of thrombus

• Flexible hub minimises potential for kinking of introducers

• Suture point facilitates skin fixation

• Profiled sheath tip and matched dilator is designed to facilitate a smooth atraumatic insertion

• Dilator luer locking collar secures dilator to sheath hub during insertion

• Latex free, self-sealing haemostasis valve is designed to minimise the risk of blood loss

• Exacta® sets include the Venaguide™ Seldinger wire advancing device, which allows single-handed wire insertion
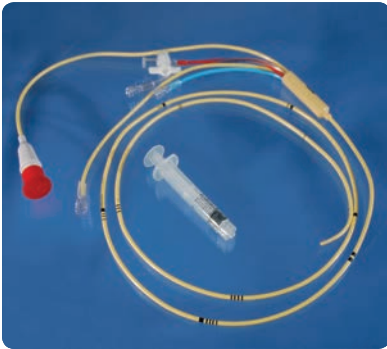
Criticath® Pulmonary Artery Catheters
Sterile, single use

PULMONARY ARTERY CATHETERS FOR MONITORING RIGHT HEART PRESSURES AND CARDIAC OUTPUT MEASUREMENT

PRODUCT CODE	MODEL	SIZE	LENGTH	NO. OF LUMENS	PA WEDGE PRESSURE	CV PRESSURE	CARDIAC OUTPUT	CVP MEDIC. PORT	ADDITIONAL INFORMATION	BOX/CASE CONTENT (UNITS)
680349	SP5105	5Fr	80cm	4	Yes	Yes	Yes		PVC Catheter Material	5/20
680103	SP5107U	7Fr	110cm	4	Yes	Yes	Yes			5/20
680381	SP5107U-14	7Fr	110cm	4	Yes	Yes	Yes		Pre-mounted Luer-Lok™ AC shield	5/20
680382	SP5107U+SP5045	7Fr	110cm	4	Yes	Yes	Yes		Pre-mounted In-Line Inject, sensor	5/20
680378	SP5507U	7.5Fr	110cm	5	Yes	Yes	Yes	Yes		5/20
680379	SP5507U-14	7.5Fr	110cm	5	Yes	Yes	Yes	Yes	Pre-mounted Luer-Lok™ AC shield	5/20
680380	SP5507U+SP5045	7.5Fr	110cm	5	Yes	Yes	Yes	Yes	Pre-mounted In-Line Inject, sensor	5/20

MONITORING CATHETER

PRODUCT CODE	MODEL	SIZE	LENGTH	NO. OF LUMENS	PA WEDGE PRESSURE	CV PRESSURE	CARDIAC OUTPUT	CVP MEDIC. PORT	ADDITIONAL INFORMATION	BOX/CASE CONTENT (UNITS)
680372	SP5325	5Fr	80cm	2	Yes	No	No	No	Monitoring Catheter	5/20
680373	SP5325L	5Fr	110cm	2	Yes	No	No	No	Monitoring Catheter	5/20
680374	SP5327	7Fr	110cm	2	Yes	No	No	No	Monitoring Catheter	5/20
680375	SP5337	7Fr	110cm	3	Yes	Yes	No	No	Monitoring Catheter	5/20
680376	SP5337-13	7Fr	110cm	3	Yes	Yes	No	No	Monitoring Catheter with Pre-mounted push fit A/C shield	5/20
680377	SP5337-14	7Fr	110cm	3	Yes	Yes	No	No	Monitoring Catheter with Pre-mounted Luer Lok A/C shield	5/20

PRODUCT DESCRIPTION

- A range of flow directed, balloon tipped catheters for both adult and (7F/7.5F) and paediatric use (5F)
- 7Fr and 7.5Fr catheter sizes with polyurethane body catheter material
- Use for monitoring right heart pressures and obtaining venous blood samples
- Thermodilution technique used to measure Cardiac Output
- Individually packed, sterile and non-pyrogenic

How Criticath® can benefit you
- Rounded catheter tip design allows for smooth insertion and is designed to reduce the risk of vessel trauma
- Strong circular lumen feature is designed to reduce kinking and enhance pressure signal transfer
- Catheter depth markings facilitate accurate placement and catheter manipulation
- Smooth balloon/catheter junction is designed to reduce the risk of balloon rupture and thrombus formation
- Some models have a pre-mounted in-line injectate sensor housing or an anticontamination (AC) sheath on the catheter for user convenience

THERMODILUTION & PULMONARY ARTERY CATHETERS

Critikit™ Ice/Room Temperature Injectate Systems and Accessories

Sterile, single use

CLOSED LOOP IN-LINE INJECTATE SYSTEMS FOR IMPROVED ACCURACY OF CARDIAC OUTPUT MEASUREMENT

PRODUCT CODE	MODEL	DESCRIPTION	STERILE	BOX/CASE CONTENT (UNITS)
680000*	SP4500**	Ice/Room temperature Injectate Critikit (with in-line sensor, control syringe & cooling coil)	Yes	4/8
680178*		Ice/Room temperature Injectate Critikit (with in-line sensor and control syringe, without cooling coil)	Yes	5/20
680006*	SP5045	In-line injectate sensor housing	Yes	25/250
682252*	SY10-RP	10 mL control syringe	Yes	10/50

PRODUCT DESCRIPTION

• Available in both iced and room temperature injectate options
• Closed circuit design offers an aseptic approach to cardiac output measurement
• Set comprises an injectate sensor housing with three-way stopcock, one-way check valve, cooling coil, delivery tubing and IV spike
* Latex free
** DEHP-free Critikit™

How Critikit™ can benefit you
• Closed loop system is designed to reduce the risk of line contamination
• Insulated volume-restricted syringe facilitates precise and reproducible injectate
• In-line injectate sensor optimises accuracy of temperature readings
• Syringe design allows smooth injectate action improving data validity

NON-STERILE ACCESSORIES

PRODUCT CODE	MODEL	DESCRIPTION	STERILE	BOX/CASE CONTENT (UNITS)
684056	SP4042	In-line injectate sensor cable. For use with Abbott Oximetrix, Arrow, Baxter Edwards 9520A or Com1, Mennen Horizon 2000 Series (cable 800-030-200), Spacelabs Alpha PC or PCMS (bifurcated cable model 306655-001), Datex AS3 and Critikit™ Injectate set or SP5045 sensor housing.	No	1
684057	SP4043	In-line injectate sensor cable. For use with Siemens bifurcated cable, Siemens Pod system (Model 8419145) and Critikit™ Injectate® set or SP5045 sensor housing.	No	1
684062	SP4045	In-line injectate sensor cable. For use with HemoPro (SP1445), Nikon Kohden, Spacelabs (bifurcated cable model 306655-002), Fukuda Denshi IB5006 (DSCP), Dynascope DS3300 and Critikit™ Injectate set or SP5045 sensor housing.	No	1
684063	SP4046	In-line injectate sensor cable. For use with Hewlett Packard Cardiac Output Module (HP trifurcated cable M1641A or M1642A) and Critikit™ Injectate set or SP5045 sensor housing.	No	1

CENTRAL VENOUS CATHETERS

Floswitch®
Sterile, single use

- Floswitch® acts as an ON/OFF device on infusion lines, stopping the flow in order to carry out line procedures in closed circuit.
- Designed to reduce risk of patient emboli and contamination of hospital staff to blood.
- The Floswitch® is designed to increase safety.
- Floswitch® can be connected to any catheter fitted with a Luer connector.
- Winged to facilitate attachment.

Floswitch® closed
External compression of the extension tubing by means of a steel ball, provides risk-free unambiguous opening and closing of the infusion line.

Floswitch® open

ORDERING INFORMATION

PRODUCT CODE	DESCRIPTION	BOX/CASE CONTENT (UNITS)
681033	Floswitch®	25/250

Latex free

CE marked

Class IIa according to the European Medical Devices Directive 93/42/EEC as amended by Directive 2007/47/EC Shelf life: 5 years

Sterilisation method: Ethylene Oxide
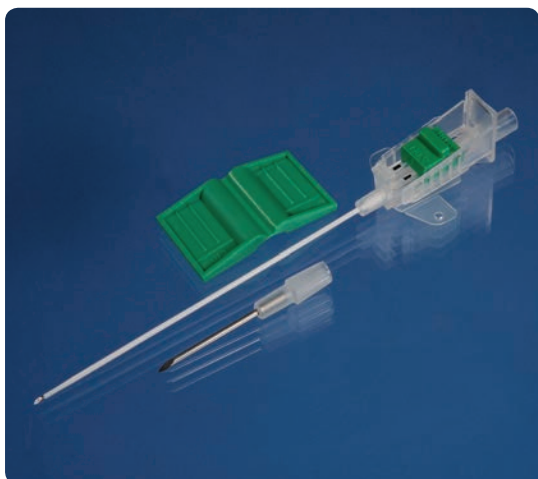
Secalon-T™

Sterile, single use

- Secalon-T™ emergency catheter designed for high flow rate infusions.
- PTFE (Polytetrafluoroethylene) material construction and incorporating a Floswitch®, Secalon-T™ is ideal for rapid short-term insertion into central veins or large peripheral vessels.
- Complete kit contains pre-puncture stylus and stabilising wing.

ORDERING INFORMATION

PRODUCT CODE	GAUGE	LENGTH	CATHETER EXTERNAL DIAMETER	COLOUR	BOX/CASE CONTENT (UNITS)	FLOW RATE (ML/MIN)
681000	18G	90mm	1.2mm	Green	25/250	55
681002	16G	130mm	1.7mm	Grey	25/250	139
681004	16G	160mm	1.7mm	Grey	25/250	128
681006	14G	160mm	2.0mm	Orange	25/250	206

CENTRAL VENOUS CATHETERS

Careflow™ Central Venous Catheters
Single Lumen without Extension
Sterile, single use

- Careflow™ is a range of paediatric and adult polyurethane central venous catheters designed for catheterisation via the Seldinger technique.
- Range of sets contains a Nitinol guidewire and the Venaguide™ Seldinger wire-advancing device facilitating single-handed guidewire insertion.
- Tapered atraumatic catheter tip designed to reduce the risk of venous damage while improving catheter insertion.
- The streamlined junction hub enables ease of catheter suture and comfortable positioning on the patient's skin.
- Careflow™ catheters offer 1cm and 5cm interval depth markings to facilitate catheter placement and clear lumen size and hub colour coding indication.
- Floswitch® and Floswitch® Introducer Catheter options available throughout range.
- Pressure rated with a maximum pressure tolerance of 45 psi.

CAREFLOW™ SINGLE LUMEN SETS WITHOUT EXTENSION

CODE WITHOUT FLOSWITCH®	CODE WITH FLOSWITCH®	EXTERNAL DIAMETER	LENGTH	CANNULA INTRODUCER		FLOSWITCH® INTRODUCER		NEEDLE INTRODUCER		GUIDEWIRE OD & LENGTH	SECONDARY FIXATION (SFD)	BOX/CASE CONTENT (UNITS)	FLOW RATE (ML/MIN)
				GAUGE	LENGTH	GAUGE	LENGTH	GAUGE	LENGTH				
681614	681623	2.5Fr (22G)	100mm	N/A	N/A	20G	45mm	22G	40mm	0.5 x 350mm		10/100	10
681639	681640≠	3Fr (20G)	150mm	N/A	N/A	20G	45mm	22G	40mm	0.5 x 350mm		10/100	16
681643	681644	3Fr (20G)	200mm	N/A	N/A	20G	45mm	22G	40mm	0.5 x 450mm		10/100	15
681649	681650	4Fr (18G)	200mm	N/A	N/A	18G	60mm	17G	70mm	0.6 x 450mm		10/100	36
681669	681670	5Fr (16G)	150mm	N/A	N/A	15G	70mm	17G	70mm	0.9 x 450mm	Yes	10/100	71
681672	681673	5Fr (16G)	200mm	N/A	N/A	15G	70mm	17G	70mm	0.9 x 450mm	Yes	10/100	63
681706	681707	7Fr (14G)	150mm	N/A	N/A	14G	70mm	17G	70mm	0.9 x 450mm	Yes	10/100	190
681709	681710	7Fr (14G)	200mm	N/A	N/A	14G	70mm	17G	70mm	0.9 x 450mm	Yes	10/100	136

PRODUCT CONTENTS

Single lumen Careflow™ with Floswitch® set contents:

Careflow™ Polyurethane catheter, steel needle introducer, Floswitch® overneedle introducer, vessel dilator, Venaguide™ Seldinger wire-advancing device with Nitinol guidewire, Floswitch® revolving Luer-Lok™ system, luer lock plug and secondary fixation device (where shown).

Single lumen Careflow™ without Floswitch® set contents:

Careflow™ Polyurethane catheter, steel needle introducer, vessel dilator, Venaguide™ Seldinger wire-advancing device with Nitinol guidewire and secondary fixation device (where shown).

≠ Note: Part number 681640 contains 0.5 x 450mm guidewire.
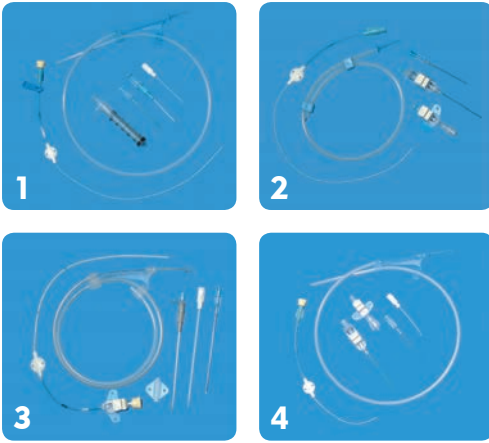
Careflow™ Central Venous Catheter Sets

Single Lumen

Sterile, single use

CODE WITHOUT FLOSWITCH®	CODE WITH FLOSWITCH®	EXTERNAL DIAMETER	LENGTH	CANNULA INTRODUCER		FLOSWITCH® INTRODUCER		NEEDLE INTRODUCER		GUIDEWIRE OD & LENGTH	SECONDARY FIXATION (SFD)	BOX/CASE CONTENT (UNITS)	FLOW RATE (ML/MIN)
				GAUGE	LENGTH	GAUGE	LENGTH	GAUGE	LENGTH				
1. CAREFLOW™ SINGLE LUMEN SETS WITH EXTENSION													
681612		2.5Fr (22G)	60mm	22G	38mm	N/A	N/A	22G	40mm	0.5 x 350mm		5/50	12
681622		2.5Fr (22G)	100mm	22G	38mm	N/A	N/A	22G	40mm	0.5 x 350mm		5/50	10
681634		2.5Fr (22G)	200mm	22G	38mm	N/A	N/A	22G	40mm	0.5 x 650mm		5/50	7
681647		3Fr (20G)	150mm	20G	45mm	N/A	N/A	22G	40mm	0.5 x 450mm		5/50	18
681638		3Fr (20G)	200mm	20G	45mm	N/A	N/A	22G	40mm	0.5 x 650mm		5/50	15
681624		4Fr (18G)	60mm	20G	45mm	N/A	N/A	22G	40mm	0.5 x 350mm		5/50	47
681658		4Fr (18G)	200mm	20G	45mm	N/A	N/A	22G	40mm	0.5 x 650mm		5/50	35
681662		5Fr (16G)	150mm	16G	70mm	N/A	N/A	17G	70mm	0.9 x 450mm	Yes	5/50	65
681666		5Fr (16G)	200mm	16G	70mm	N/A	N/A	17G	70mm	0.9 x 700mm	Yes	5/50	60
681679		5Fr (16G)	300mm	16G	70mm	N/A	N/A	17G	70mm	0.9 x 700mm	Yes	5/50	46
681698		7Fr (14G)	150mm	16G	70mm	N/A	N/A	17G	70mm	0.9 x 450mm	Yes	5/50	159
681699		7Fr (14G)	200mm	16G	70mm	N/A	N/A	17G	70mm	0.9 x 700mm	Yes	5/50	149
681701		7Fr (14G)	300mm	16G	70mm	N/A	N/A	17G	70mm	0.9 x 700mm	Yes	5/50	136
2. CAREFLOW™ SINGLE LUMEN SET WITH FLOSWITCH®													
	681633	2.5Fr (22G)	200mm	N/A	N/A	20G	45mm	22G	40mm	0.5 x 450mm		10/100	7
3. CAREFLOW™ SINGLE LUMEN WITH INTEGRAL FLOSWITCH®													
	681660	5Fr (16G)	150mm	N/A	N/A	15G	70mm	17G	70mm	0.9 x 450mm	Yes	10/100	65
	681664	5Fr (16G)	200mm	N/A	N/A	15G	70mm	17G	70mm	0.9 x 700mm	Yes	10/100	60
	681678	5Fr (16G)	300mm	N/A	N/A	15G	70mm	17G	70mm	0.9 x 700mm	Yes	10/100	46
4. CAREFLOW™ SINGLE LUMEN WITH EXTENSION AND FLOSWITCH®													
	681615	2.5Fr (22G)	60mm	N/A	N/A	20G	45mm	22G	40mm	0.5 x 350mm		5/50	12
	681625	4Fr (18G)	60mm	N/A	N/A	20G	45mm	22G	40mm	0.5 x 350mm		5/50	47

PRODUCT CONTENTS

1. Single lumen Careflow™ set with extension contents[†]:

Careflow™ Polyurethane catheter with clear extension, extension slide clamp, cannula introducer, steel needle introducer, vessel dilator, Venaguide™ Seldinger wire-advancing device with Nitinol guidewire, Luer-Lok™ plug, secondary fixation device (where shown) and 5ml syringe.

2. Single lumen Careflow™ set with Floswitch® contents:

Careflow™ Polyurethane catheter with clear extension, steel needle introducer, Floswitch® overneedle introducer, PTFE coated soft-tip straight guidewire and Floswitch® revolving Luer-Lok system, luer lock plug.

3. Single lumen Careflow™ set with integral Floswitch® contents:

Careflow™ Polyurethane catheter with clear extension and integral Floswitch®, Floswitch® overneedle introducer, steel needle introducer, vessel dilator, Venaguide™ Seldinger wire-advancing device with Nitinol guidewire, Luer-Lok plug and secondary fixation device.

4. Single lumen Careflow set with extension and Floswitch® contents:

Careflow™ Polyurethane catheter with clear extension, steel needle introducer, Floswitch® overneedle introducer, vessel dilator, Venaguide™ Seldinger wire-advancing device with Nitinol guidewire, Floswitch® revolving Luer-Lok system and luer lock plug.
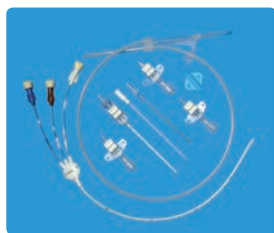
Careflow™ Central Venous Catheter Sets
Double & Triple Lumen
Sterile, single use

CAREFLOW™ DOUBLE LUMEN SETS

CODE WITHOUT FLOSWITCH®	CODE WITH FLOSWITCH®	EXTERNAL DIAMETER	LENGTH	CANNULA INTRODUCER		FLOSWITCH® INTRODUCER		NEEDLE INTRODUCER		GUIDEWIRE OD & LENGTH	SECONDARY FIXATION (SFD)	BOX/CASE CONTENT (UNITS)	FLOW RATE (ML/MIN)		
				GAUGE	LENGTH	GAUGE	LENGTH	GAUGE	LENGTH				D	M	P
681616	681617	4Fr (20G, 22G)	60mm	20G	45mm	20G	45mm	22G	40mm	0.5 x 350mm		5/50	20		8
681626	681627	4Fr (20G, 22G)	100mm	20G	45mm	20G	45mm	22G	40mm	0.5 x 350mm		5/50	19		6
681653	681652	4Fr (20G, 22G)	150mm	20G	45mm	20G	45mm	22G	40mm	0.5 x 450mm		5/50	16		4
681656≠	681655	4Fr (20G, 22G)	200mm	20G	45mm	20G	45mm	22G	40mm	0.5 x 450mm		5/50	17		4
681619	681628	5Fr (18G, 20G)	60mm	18G	60mm	18G	60mm	17G	70mm	0.6 x 450mm	Yes	5/50	40		10
681683	681682	5Fr (18G, 20G)	150mm	18G	60mm	18G	60mm	17G	70mm	0.6 x 450mm	Yes	5/50	29		6
681687	681686	5Fr (18G, 20G)	200mm	18G	60mm	18G	60mm	17G	70mm	0.6 x 650mm	Yes	5/50	30		6
681703	681702	7Fr (16G, 18G)	150mm	16G	70mm	15G	70mm	17G	70mm	0.9 x 450mm	Yes	5/50	74		24
681714	681713	7Fr (16G, 18G)	200mm	16G	70mm	15G	70mm	17G	70mm	0.9 x 700mm	Yes	5/50	73		21
681718	681717	7Fr (16G, 18G)	300mm	16G	70mm	15G	70mm	17G	70mm	0.9 x 700mm	Yes	5/50	61		19

PRODUCT CONTENTS

Double lumen Careflow™ with Floswitch® set contents:

Careflow™ double lumen Polyurethane catheter with clear extensions, steel needle introducer, Floswitch® overneedle introducer, vessel dilator, Venaguide™ Seldinger wire-advancing device with Nitinol guidewire, Floswitch® revolving Luer-Lok system, luer lock plugs and secondary fixation device (where shown).

Double lumen Careflow™ without Floswitch® set contents:

Careflow™ double lumen Polyurethane catheter with clear extensions, cannula introducer, steel needle introducer, vessel dilator, Venaguide™ Seldinger wire-advancing device with Nitinol guidewire, extension slide clamps, 5ml syringe, luer lock plugs and secondary fixation device (where shown). ≠ Note: Part number 681656 contains 0.5 x 650mm guidewire.

CAREFLOW™ TRIPLE LUMEN SETS

CODE WITHOUT FLOSWITCH®	CODE WITH FLOSWITCH®	EXTERNAL DIAMETER	LENGTH	CANNULA INTRODUCER		FLOSWITCH® INTRODUCER		NEEDLE INTRODUCER		GUIDEWIRE OD & LENGTH	SECONDARY FIXATION (SFD)	BOX/CASE CONTENT (UNITS)	FLOW RATE (ML/MIN)		
				GAUGE	LENGTH	GAUGE	LENGTH	GAUGE	LENGTH				D	M	P
681620	681629	5Fr (18G, 20G, 20G)	60mm	18G	60mm	18G	60mm	17G	70mm	0.6 x 450mm	Yes	5/50	40	10	12
681630	681618	5Fr (18G, 20G, 20G)	100mm	18G	60mm	18G	60mm	17G	70mm	0.6 x 450mm	Yes	5/50	32	7	8
681691	681690	5Fr (18G, 20G, 20G)	150mm	18G	60mm	18G	60mm	17G	70mm	0.6 x 450mm	Yes	5/50	29	5	6
681695	681694	5Fr (18G, 20G, 20G)	200mm	18G	60mm	18G	60mm	17G	70mm	0.6 x 650mm	Yes	5/50	26	5	5
681721	681720	7Fr (16G, 18G, 18G)	150mm	16G	70mm	15G	70mm	17G	70mm	0.9 x 450mm	Yes	5/50	66	22	23
681725	681724	7Fr (16G, 18G, 18G)	200mm	16G	70mm	15G	70mm	17G	70mm	0.9 x 700mm	Yes	5/50	59	16	17
681729	681728	7Fr (16G, 18G, 18G)	300mm	16G	70mm	15G	70mm	17G	70mm	0.9 x 700mm	Yes	5/50	53	11	9

PRODUCT CONTENTS

Triple lumen Careflow™ with Floswitch set contents:

Careflow™ triple lumen Polyurethane catheter with clear extensions, steel needle introducer, Floswitch® overneedle introducer, vessel dilator, Venaguide™ Seldinger wire-advancing device with Nitinol guidewire, Floswitch® revolving Luer-Lok system, luer lock plugs and secondary fixation device.

Triple lumen Careflow™ without Floswitch set contents:

Careflow™ triple lumen Polyurethane catheter with clear extensions, cannula introducer, steel needle introducer, vessel dilator, Venaguide™ Seldinger wire-advancing device with Nitinol guidewire, extension slide clamps, 5ml syringe, luer lock plugs and secondary fixation device.

CENTRAL VENOUS CATHETERS
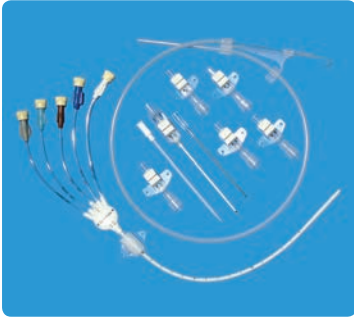
Careflow™ Central Venous Catheter Sets
Quad & Quint Lumen
Sterile, single use

CAREFLOW™ QUAD LUMEN SETS

CODE WITHOUT FLOSWITCH®	CODE WITH FLOSWITCH®	EXTERNAL DIAMETER	LENGTH	CANNULA INTRODUCER		FLOSWITCH® INTRODUCER		NEEDLE INTRODUCER		GUIDEWIRE OD & LENGTH	BOX/CASE CONTENT (UNITS)	FLOW RATE (ML/MIN)				
				GAUGE	LENGTH	GAUGE	LENGTH	GAUGE	LENGTH			D	M1	M2	P1	P2
681731	681732	8.5Fr (14G, 16G, 16G, 18G)	150mm	16G	70mm	15G	70mm	17G	70mm	0.9 x 450mm	5/50	64	82	57	20	
681733	681734	8.5Fr (14G, 16G, 16G, 18G)	200mm	16G	70mm	15G	70mm	17G	70mm	0.9 x 700mm	5/50	58	76	45	19	

PRODUCT CONTENTS

Quad lumen Careflow™ with Floswitch® set contents:

Careflow™ quad lumen Polyurethane catheter with clear extensions, steel needle introducer, Floswitch® overneedle introducer, vessel dilator, Venaguide™ Seldinger wire-advancing device with Nitinol guidewire, Floswitch® revolving Luer-Lok™ system, scalpel, luer lock plugs and secondary fixation device.

Quad lumen Careflow™ without Floswitch® set contents:

Careflow™ quad lumen Polyurethane catheter with clear extensions, cannula introducer, steel needle introducer, vessel dilator, Venaguide™ Seldinger wire-advancing device with Nitinol guidewire, extension slide clamps, 5ml syringe, scalpel, luer lock plugs and secondary fixation device.

CAREFLOW™ QUINT LUMEN SETS

CODE WITHOUT FLOSWITCH®	CODE WITH FLOSWITCH®	EXTERNAL DIAMETER	LENGTH	CANNULA INTRODUCER		FLOSWITCH® INTRODUCER		NEEDLE INTRODUCER		GUIDEWIRE OD & LENGTH	BOX/CASE CONTENT (UNITS)	FLOW RATE (ML/MIN)				
				GAUGE	LENGTH	GAUGE	LENGTH	GAUGE	LENGTH			D	M1	M2	P1	P2
681735	681736	9.5Fr (14G, 16G, 16G, 18G, 18G)	150mm	16G	70mm	15G	70mm	17G	70mm	0.9 x 450mm	5/50	73	61	65	19	21
681737	681738	9.5Fr (14G, 16G, 16G, 18G, 18G)	200mm	16G	70mm	15G	70mm	17G	70mm	0.9 x 700mm	5/50	68	58	60	13	12

PRODUCT CONTENTS

Quint lumen Careflow™ with Floswitch® set contents:

Careflow™ quint lumen Polyurethane catheter with clear extensions, steel needle introducer, Floswitch® overneedle introducer, vessel dilator, Venaguide™ Seldinger wire-advancing device with Nitinol guidewire, Floswitch® revolving Luer-Lok system, scalpel, luer lock plugs and secondary fixation device.

Quint lumen Careflow™ without Floswitch® set contents:

Careflow™ quint lumen Polyurethane catheter with clear extensions, cannula introducer, steel needle introducer, vessel dilator, Venaguide™ Seldinger wire-advancing device with Nitinol guidewire, extension slide clamps, 5ml syringe, scalpel, luer lock plugs and secondary fixation device.

CENTRAL VENOUS CATHETERS

Careflow™ Central Venous Catheter Sets with Guiding Syringe
Single & Multi Lumen
Sterile, single use

PRODUCT CODE	EXTERNAL DIAMETER	LENGTH	CANNULA INTRODUCER		NEEDLE INTRODUCER		GUIDEWIRE OD & LENGTH	SECONDARY FIXATION DEVICE (SFD)	BOX/CASE CONTENT (UNITS)	FLOW RATE (ML/MIN)					WITH GUIDING SYRINGE
			GAUGE	LENGTH	GAUGE	LENGTH				D	M1	M2	P1	P2	
CAREFLOW™ SINGLE LUMEN SETS WITH GUIDING SYRINGE															
681788	5Fr (16G)	150mm	16G	70mm	17G	70mm	0.9 x 450mm	Yes	5/50	65					Yes
681789	5Fr (16G)	200mm	16G	70mm	17G	70mm	0.9 x 600mm	Yes	5/50	60					Yes
681790	5Fr (16G)	300mm	16G	70mm	17G	70mm	0.9 x 700mm	Yes	5/50	46					Yes
681791	7Fr (14G)	150mm	16G	70mm	17G	70mm	0.9 x 500mm	Yes	5/50	159					Yes
681792	7Fr (14G)	200mm	16G	70mm	17G	70mm	0.9 x 600mm	Yes	5/50	149					Yes
681793	7Fr (14G)	300mm	16G	70mm	17G	70mm	0.9 x 700mm	Yes	5/50	136					Yes
CAREFLOW™ DOUBLE LUMEN SETS WITH GUIDING SYRINGE															
681781	5Fr (18G, 20G)	60mm	18G	60mm	17G	70mm	0.6 x 450mm	Yes	5/50	40			10		Yes
681782	5Fr (18G, 20G)	150mm	18G	60mm	17G	70mm	0.6 x 450mm	Yes	5/50	29			6		Yes
681783	5Fr (18G, 20G)	200mm	18G	60mm	17G	70mm	0.6 x 650mm	Yes	5/50	30			6		Yes
681771	7Fr (16G, 18G)	150mm	16G	70mm	17G	70mm	0.9 x 500mm	Yes	5/50	74			24		Yes
681772	7Fr (16G, 18G)	200mm	16G	70mm	17G	70mm	0.9 x 600mm	Yes	5/50	73			21		Yes
681773	7Fr (16G, 18G)	300mm	16G	70mm	17G	70mm	0.9 x 700mm	Yes	5/50	61			19		Yes
CAREFLOW™ TRIPLE LUMEN SETS WITH GUIDING SYRINGE															
681784	5Fr (18G, 20G, 20G)	60mm	18G	60mm	17G	70mm	0.6 x 450mm	Yes	5/50	40	10		12		Yes
681785	5Fr (18G, 20G, 20G)	100mm	18G	60mm	17G	70mm	0.6 x 450mm	Yes	5/50	32	7		8		Yes
681786	5Fr (18G, 20G, 20G)	150mm	18G	60mm	17G	70mm	0.6 x 450mm	Yes	5/50	29	5		6		Yes
681787	5Fr (18G, 20G, 20G)	200mm	18G	60mm	17G	70mm	0.6 x 650mm	Yes	5/50	26	5		5		Yes
681774	7Fr (16G, 18G, 18G)	150mm	16G	70mm	17G	70mm	0.9 x 500mm	Yes	5/50	66	22		23		Yes
681775	7Fr (16G, 18G, 18G)	200mm	16G	70mm	17G	70mm	0.9 x 600mm	Yes	5/50	59	16		17		Yes
681776	7Fr (16G, 18G, 18G)	300mm	16G	70mm	17G	70mm	0.9 x 700mm	Yes	5/50	53	11		9		Yes
CAREFLOW™ QUAD LUMEN SETS WITH GUIDING SYRINGE															
681777	8.5Fr (14G, 16G, 16G, 18G)	150mm	16G	70mm	17G	70mm	0.9 x 500mm	Yes	5/50	64	82	57	20		Yes
681778	8.5Fr (14G, 16G, 16G, 18G)	200mm	16G	70mm	17G	70mm	0.9 x 600mm	Yes	5/50	58	76	45	19		Yes
CAREFLOW™ QUINT LUMEN SETS WITH GUIDING SYRINGE															
681779	9.5Fr (14G, 16G, 16G, 18G, 18G)	150mm	16G	70mm	17G	70mm	0.9 x 500mm	Yes	5/50	73	61	65	19	21	Yes
681780	9.5Fr (14G, 16G, 16G, 18G, 18G)	200mm	16G	70mm	17G	70mm	0.9 x 600mm	Yes	5/50	68	58	60	13	12	Yes

PRODUCT CONTENTS

Single and Multi Lumen Careflow™with Guiding Syringe set contents:

Careflow™ Polyurethane catheter with clear extensions and pinch clamps, cannula introducer, steel needle introducer, vessel dilator, Venaguide™ Seldinger wire-advancing device with Nitinol guidewire, 5ml Guiding Syringe, luer lock plugs and secondary fixation device.

CENTRAL VENOUS CATHETERS

Hydrocath Assure™ Central Venous Catheter Sets

Antimicrobial-Coated

Sterile, single use

Hydrocath Assure™ is a range of single, double and triple lumen polyurethane central venous catheters, designed for catheterisation by the Seldinger technique.

Every catheter is coated with a hydrophilic substance activated by biological fluids, and is designed to facilitate catheter insertion.

In addition, the Hydromer hydrophilic matrix is impregnated with the antimicrobial agent Benzalkonium Chloride (BZC).

CODE WITHOUT FLOSWITCH®	CODE WITH FLOSWITCH®	EXTERNAL DIAMETER	LENGTH	CANNULA INTRODUCER		FLOSWITCH® INTRODUCER		NEEDLE INTRODUCER		GUIDEWIRE OD & LENGTH	SECONDARY FIXATION (SFD)	BOX/CASE CONTENT (UNITS)	FLOW RATE (ML/MIN)		
				GAUGE	LENGTH	GAUGE	LENGTH	GAUGE	LENGTH				D	M2	P2
HYDROCATH ASSURE™ SINGLE LUMEN SETS															
681161		5Fr (16G)	200mm	16G	70mm	N/A	N/A	17G	70mm	0.9 x 700mm		5/50	56		
HYDROCATH ASSURE™ DOUBLE LUMEN SETS															
681152	681150	7Fr (16G, 18G)	200mm	16G	70mm	15G	70mm	17G	70mm	0.9 x 700mm	Yes	5/50	69		22
681153	681151	7Fr (16G, 18G)	300mm	16G	70mm	15G	70mm	17G	70mm	0.9 x 700mm	Yes	5/50	61		17
HYDROCATH ASSURE™ TRIPLE LUMEN SETS															
681157	681154	7Fr (16G, 18G, 18G)	150mm	16G	70mm	15G	70mm	17G	70mm	0.9 x 450mm	Yes	5/50	68	22	24
681158	681155	7Fr (16G, 18G, 18G)	200mm	16G	70mm	15G	70mm	17G	70mm	0.9 x 700mm	Yes	5/50	58	18	19
681159	681156	7Fr (16G, 18G, 18G)	300mm	16G	70mm	15G	70mm	17G	70mm	0.9 x 700mm	Yes	5/50	50	13	13

PRODUCT CONTENTS

All of the above sets contain:

All sets without Floswitch® contain a cannula introducer, needle introducer, sliding clamps and 5ml syringe.

All Floswitch® sets include an Floswitch® revolving Luer-Lok™ system, Floswitch® cannula introducer and needle introducer.

Moss MA, Tebbs SE, Faroqui MH, Herbst T, Isaac JL, Brown J, Elliott TSJ, "A central venous catheter coated with Benzalkonium Chloride for the prevention of catheter- related microbial colonisation". Eur J Anaesth 2000, 17, 680-687.

CENTRAL VENOUS CATHETERS

Hydrocath Assure™ Central Venous Catheter Sets with Guiding Syringe

Antimicrobial-Coated

Sterile, single use

Hydrocath Assure™ central venous catheter sets are also available with a guiding syringe, designed for catheterisation by the Seldinger technique.

Every catheter is coated with a hydrophilic substance activated by biological fluids, and is designed to facilitate catheter insertion.

In addition, the Hydromer hydrophilic matrix is impregnated with the antimicrobial agent Benzalkonium Chloride (BZC).

PRODUCT CODE	EXTERNAL DIAMETER	LENGTH	CANNULA INTRODUCER		NEEDLE INTRODUCER		GUIDEWIRE OD & LENGTH	SECONDARY FIXATION (SFD)	BOX/CASE CONTENT (UNITS)	FLOW RATE (ML/MIN)			WITH GUIDING SYRINGE
			GAUGE	LENGTH	GAUGE	LENGTH				D	M2	P2	
HYDROCATH ASSURE™ DOUBLE LUMEN SETS WITH GUIDING SYRINGE													
681924	7Fr (16G, 18G)	150mm	16G	70mm	17G	70mm	0.9 x 500mm	Yes	5/50	71		23	Yes
681925	7Fr (16G, 18G)	200mm	16G	70mm	17G	70mm	0.9 x 600mm	Yes	5/50	69		22	Yes
681926	7Fr (16G, 18G)	300mm	16G	70mm	17G	70mm	0.9 x 700mm	Yes	5/50	61		17	Yes
HYDROCATH ASSURE™ TRIPLE LUMEN SETS WITH GUIDING SYRINGE													
681934	7Fr (16G, 18G, 18G)	150mm	16G	70mm	17G	70mm	0.9 x 500mm	Yes	5/50	68	22	24	Yes
681935	7Fr (16G, 18G, 18G)	200mm	16G	70mm	17G	70mm	0.9 x 600mm	Yes	5/50	58	18	19	Yes
681936	7Fr (16G, 18G, 18G)	300mm	16G	70mm	17G	70mm	0.9 x 700mm	Yes	5/50	50	13	13	Yes

PRODUCT CONTENTS

Multi Lumen Hydrocath Assure™ with Guiding Syringe set contents:
Hydrocath Assure™ BZC impregnated and hydrophilic coated Polyurethane catheter with clear extensions and pinch clamps, cannula introducer, steel needle introducer, vessel dilator, Venaguide™ Seldinger wire-advancing device with Nitinol guidewire, 5ml Guiding Syringe, luer lock plugs and secondary fixation device.

Moss MA, Tebbs SE, Faroqui MH, Herbst T, Isaac JL, Brown J, Elliott TSJ, "A central venous catheter coated with Benzalkonium Chloride for the prevention of catheter- related microbial colonisation". Eur J Anaesth 2000, 17, 680-687.

CATHETERS AND HAEMOSTASIS

Careflow™ Arterial Catheters
Sterile, single use

Merit Careflow™ Polyurethane catheters are designed for access to radial or femoral arteries, for the determination of blood parameters or monitoring blood pressure.

CAREFLOW™ ARTERIAL CATHETER SETS

PRODUCT CODE	PRODUCT	CATHETER		NEEDLE INTRODUCER		GUIDEWIRE OD & LENGTH	BOX/CASE CONTENT (UNITS)	PRIMING VOLUME (ML)	FLOW RATE (ML/MIN)
		EXTERNAL DIAMETER	LENGTH	GAUGE	LENGTH				
681631	Radial artery set	2.5Fr (22G)	60mm	22G	40mm	0.5 x 250mm	10/100	0.08	12.4
681646	Radial artery set	3Fr (20G)	60mm	22G	40mm	0.5 x 250mm	10/100	0.08	24.0
681642	Femoral artery set	3Fr (20G)	200mm	22G	40mm	0.5 x 450mm	10/100	0.14	15.4
681648	Femoral artery set	4Fr (18G)	200mm	17G	70mm	0.6 x 450mm	10/100	0.24	35.8

Merit Careflow™ Polyurethane catheter set contents:

Merit Careflow™ radiopaque polyurethane catheter, introducer needle, metal guidewire and Luer Lok™ plug.

PreludeSYNC™ Radial Compression Device
The Next Generation of Radial Compression
Sterile, single use

Not just a product, an experience.

The PreludeSYNC™ is a next generation Radial Compression Device that is personal, effective, comfortable, and secure. The PreludeSYNC™ was designed to address the market need for improved patient comfort without compromising safety. This innovative radial compression device comes packaged with creative designs printed directly on the bands to personalise the patient experience.

COMPRESSION DEVICE WITH SYRINGE	PRELUDESYNC™ COMPRESSION DEVICE SIZE/DESCRIPTION	UNITS/BOX
SRB24AC	24 cm 20 mL (Specialised Connection)	5
SRB29AC	29 cm 20 mL (Specialised Connection)	5
STAND ALONE SYRINGES	SYRINGE PRELUDESYNC™	UNITS/BOX
SRB20AC	20 mL (Specialised Connection)	10

Clo-sur P.A.D.™

The Clo-Sur P.A.D.™ is a non-woven topical pad made with a proprietary polyprolate, a positively-charged material that reacts with negatively-charged red blood cells to accelerate clotting. The Clo-Sur P.A.D.™ promotes haemostasis and the Clo-Sur PLUS P.A.D.™ promotes haemostasis and is indicated as an antimicrobial barrier.

Catalogue Number	Description	Quantity
MVP44	Clo-sur P.A.D.™	10 per box
SCV22P-AB	Clo-sur Plus P.A.D.™	10 per box
HPAD22	Clo-sur P.A.D.™ w/Tegaderm	10 per box

ARTERIAL CATHETERS

SafeGuard® Pressure Assisted Device

The SafeGuard® pressure assisted device delivers passive compression and enables immediate pressure adjustment. It also maintains consistent pressure on the site when obtaining haemostasis with manual compression, and during patient recovery, positioning and transport. The SafeGuard® pressure assisted device reduces demands on the clinical staff, maximises valuable resources, and enhances patient comfort.

82000

82050

Catalogue Number	Size	Description
82000	24 cm	SafeGuard® Pressure Assisted Device
82050	12 cm	SafeGuard® Pressure Assisted Device

Packaged 10 units per box.

SafeGuard® Radial™ Compression Device

The SafeGuard® Radial™ compression device is a 26 cm long, self-adhesive wristband that provides focused compression and assists patent haemostasis at the conclusion of radial procedures.

Catalogue Number	Description	Quantity
SGR26	SAFEGUARD® Radial™	10 per box

Band length = 26 cm

FLUID MANAGEMENT

Merit® Manifolds

Merit® Manifolds have been designed to meet numerous clinician preferences. The clear polycarbonate material allows easy visibility for de-bubbling and the handles have been designed for ease of torque. In addition, options include one to five ports, 200 psi or 500 psi, 6" (15 cm) extension tubing and rotating luer, with block body or half body styles. Packaged 25 units per box, 4 boxes per case.

MANIFOLDS WITH RIGHT PORT ORIENTATION AND ROTATING LUER

	2 Port Half Body	3 Port Half Body	4 Port Half Body	4 Port Block Body	3 Port Block Body	2 Port Block Body	1 Port Block Body

200 PSI (14 BAR)
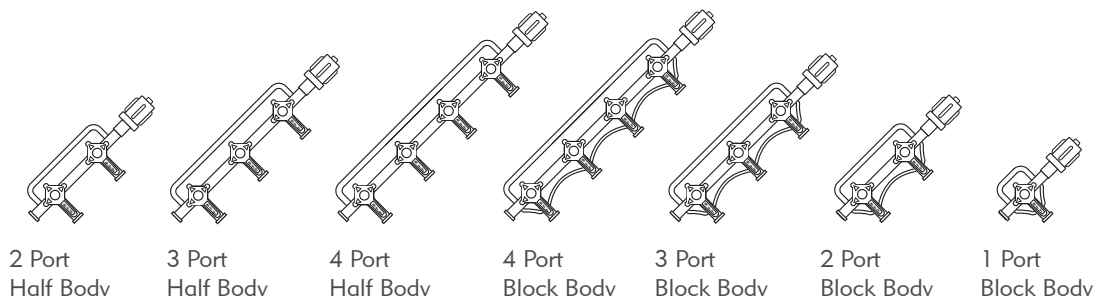
	2 Port Half Body	3 Port Half Body	4 Port Half Body	4 Port Block Body	3 Port Block Body	2 Port Block Body	1 Port Block Body
ON Handles	202HN-R	203HN-R	204HN-R	204BN-R	203BN-R	202BN-R	
Wide Port	202LHWN-R	203LHWN-R	204LHWN-R				
OFF Handles	202HF-R	203HF-R	204HF-R	204BF-R	203BF-R	202BF-R	
Wide Port	202LHWF-R	203LHWF-R	204LHWF-R				
360/OFF Handles				204BF-RT	203BF-RT		
360/ON Handles					203BN-RT		

500 PSI (34 BAR)

	2 Port Half Body	3 Port Half Body	4 Port Half Body	4 Port Block Body	3 Port Block Body	2 Port Block Body	1 Port Block Body
ON Handles	502HN-R	503HN-R	504HN-R	504BN-R	503BN-R	502BN-R	501BN-R
Wide Port	502LHWN-R	503LHWN-R	504LHWN-R				
360/ON Handles		503HN-RT					
OFF Handles	502HF-R	503HF-R	504HF-R	504BF-R	503BF-R	502BF-R	501BF-R
Wide Port	502LHWF-R	503LHWF-R	504LHWF-R				
360/OFF Handles	502HF-RT				503BF-RT		

MANIFOLDS WITH LEFT PORT ORIENTATION AND ROTATING LUER

Packaged 25 units per box, 4 boxes per case.

	2 Port Half Body	3 Port Half Body	3 Port Block Body

200 PSI (14 BAR)
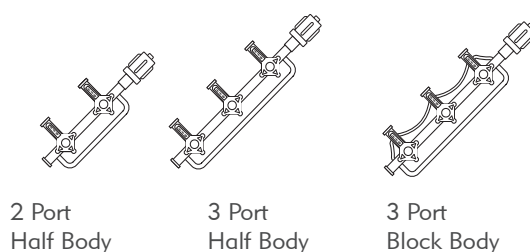
	2 Port Half Body	3 Port Half Body	3 Port Block Body
ON Handles			203BN-L
OFF Handles	202HF-L	203HF-L	
			203BF-L

500 PSI (34 BAR)

	2 Port Half Body	3 Port Half Body	3 Port Block Body
OFF Handles	502HF-L	503HF-L	

FLUID MANAGEMENT

MANIFOLDS WITH ALL FEMALE PORTS
Packaged 25 units per box, 4 boxes per case.
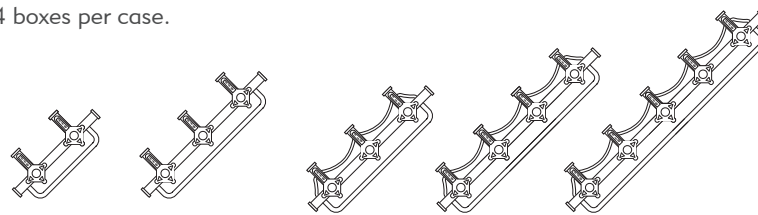
	2 Port Half Body	3 Port Half Body	3 Port Block Body	4 Port Block Body	5 Port Block Body
200 PSI (14 BAR)					
ON Handles			203BN-F		
OFF Handles	202HF-F	203HF-F			205BF-F
360/OFF Handles			203BF-FT	204BF-FT	205BF-FT
500 PSI (34 BAR)					
OFF Handles			503BF-F		
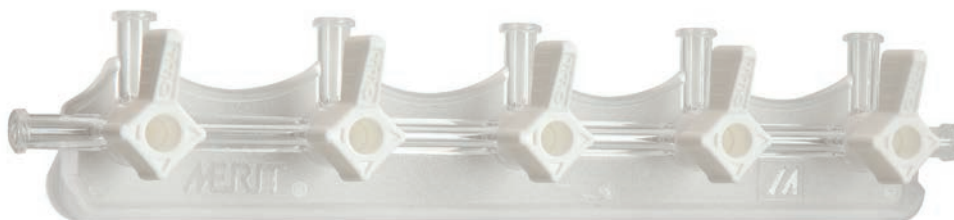
205BF-F

MANIFOLDS WITH RIGHT PORT ORIENTATION, 6" (15 CM) TUBING EXTENSION AND ROTATING LUER
Packaged 25 units per box, 4 boxes per case.
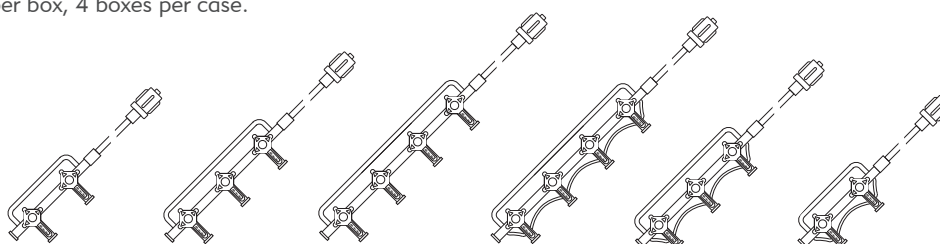
	2 Port Half Body	3 Port Half Body	4 Port Half Body	4 Port Block Body	3 Port Block Body	2 Port Block Body
200 PSI (14 BAR)						
ON Handles	202HN-RX	203HN-RX				
OFF Handles	202HF-RX	203HF-RX	204HF-RX		203BF-RX	
360/OFF Handles					203BF-RXT	
500 PSI (34 BAR)						
ON Handles		503HN-RX				502BN-RX
OFF Handles	502LHWF-R	503HF-RX	504HF-RX		503BF-RX	502BF-RX
360/OFF Handles					503BF-RXT	

Devos™ Manifolds

Devos™ Manifolds with check relief valve, right port orientation and rotating luer. TRAM® and TRAM-P™ manifold ports have the added benefit of an integrated transducer on the port closest to the rotating adapter with comfortable wide-spaced finger grips. Packaged 25 units per box, 4 boxes per case. TRAM® and TRAM-P™ manifolds packaged 10 units per box, 4 boxes per case.
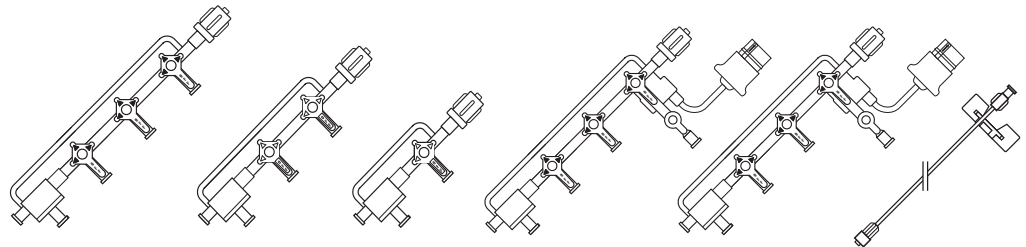
	4 Port Half Body	3 Port Half Body	2 Port Half Body	4 Port TRAM	4 Port TRAM-P*
200 PSI (14 BAR)					
OFF Handles	2V4LHWF-R	2V3HF-R	2V2HF-R	2V4LTPHWF-R	2V4LTCHWF-R
Tubing Extension	2V4LHWF-RXT				
360/OFF Handles	2V4LHWF-RT	2V3HF-RT	2V2HF-RT	2V4LTPHWF-RT	2V4LTCHWF-RT

*TRAM-P™ includes 48" (122 cm) Compensation Line and Clip

2V3HF-R

FLUID MANAGEMENT

TRAM® Manifolds with Integrated Transducer

The TRAM® Manifold with Integrated Transducer gives a single operator the convenience to de-bubble, zero and rezero within the sterile field. The TRAM® has optimised clinician comfort by reducing hand fatigue with low torque, easy-to-turn wide-spaced handles, even when utilising higher injection pressures. The Devos™ TRAM® manifold has a check relief valve. Packaged 10 units per box, 4 boxes per case.

	1 Port	2 Port	3 Port	4 Port
200 PSI (14 BAR)				
ON Handles Wide				
Standard	201LTPHN-R		203LTPHN-R	
OFF Handles Wide		202LTPHWF-R	203LTPHWF-R	204LTPHWF-R
Devos™				2V4LTPHWF-R
Devos™ with 360° handle				2V4LTPHWF-RT
Standard			203LTPHF-R	
500 PSI (34 BAR)				
ON Handles Wide		502LTPHWN-R	503LTPHWN-R	504LTPHWN-R
Standard	501LTPHN-R		503LTPHN-R	
OFF Handles Wide		502LTPHWF-R	503LTPHWF-R	504LTPHWF-R
Standard			503LTPHF-R	

Tram-P™ Manifolds with Integrated Transducer

The TRAM-P™ features a pressure transducer on the first port. By positioning the compensation line on an IV pole rather than on a table, the TRAM-P™ maintains a constant calibrated reading. With this configuration, the manifold can be moved to any position without affecting the accuracy of the pressure reading. Comfortable wide-spaced finger grip option. The Devos™ TRAM-P™ manifold has a check relief valve. Packaged 10 units per box, 4 boxes per case.

	1 Port	2 Port	3 Port	4 Port

200 PSI (14 BAR)

		1 Port	2 Port	3 Port	4 Port
ON Handles	Wide		202LTCHWN-R	203LTCHWN-R	204LTCHWN-R
	Standard	201LTCHN-R		203LTCHN-R	
OFF Handles	Wide		202LTCHWF-R	203LTCHWF-R	204LTCHWF-R
	Devos				22V4LTCHWF-R
	Devos with 360° handle				2V4LTCHWF-RT
	Standard			203LTCHF-R	

500 PSI (34 BAR)

		1 Port	2 Port	3 Port	4 Port
ON Handles	Wide		502LTCHWN-R	503LTCHWN-R	504LTCHWN-R
	Standard	501LTCHN-R		503LTCHN-R	
OFF Handles	Wide		502LTCHWF-R	503LTCHWF-R	504LTCHWF-R
	Standard	501LTCHF-R		503LTCHF-R	

TRAM-P™
Transducer and Manifold

FLUID MANAGEMENT

Merit Medical is a global company. Not all goods in this catalogue are available in every country. Terms and conditions may vary. Contact your local Sales Representative for more details.

Marquis® Series Stopcocks

Merit Medical's large, easy-grip handle makes a Marquis Stopcock effortless to grip and turn. Available in pressure ratings of 200, 500 and 1050 psi with easy-turning handles. Luer options include rotating, swivel nut, fixed and slip. Packaged 50 units per box, 4 boxes per case.

H1RC
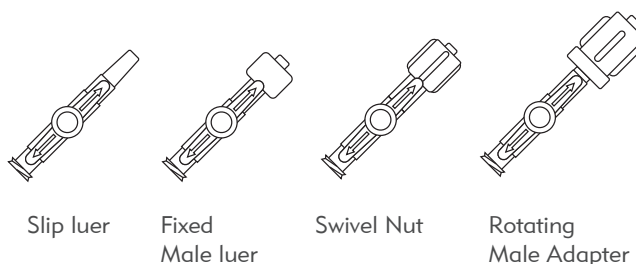
	Slip luer	Fixed Male luer	Swivel Nut	Rotating Male Adapter
200 PSI (14 BAR)				
1-way (white handle)	S1SLC	S1FLC	S1SNC	
500 PSI (34 BAR)				
1-way (light blue handle)	M1SLC	M1FLC	M1SNC	
1050 PSI (72 BAR)				
1-way (dark blue handle)		H1FLC	H1SNC	H1RC
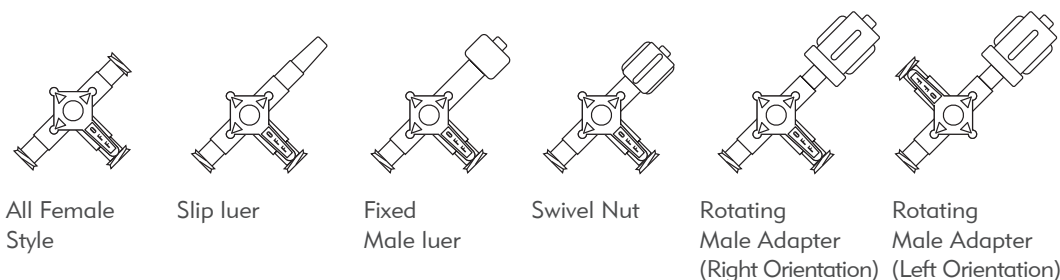
	All Female Style	Slip luer	Fixed Male luer	Swivel Nut	Rotating Male Adapter (Right Orientation)	Rotating Male Adapter (Left Orientation)
50 PSI (3.5 BAR)						
3-way Large Bore			L3SNC			
4-way Large Bore				L4SNC		
200 PSI (14 BAR)						
3-way (white handle)	S3FC	S3SLC	S3FLC	S3SNC		
4-way (white handle)		S4SLC	S4FLC	S4SNC		
500 PSI (34 BAR)						
3-way (light blue handle)		M3SLC	M3FLC	M3SNC	M3RRC	M3RLC
3-way (red handle)					M3RRC-R	
4-way (light blue handle)			M4FLC	M4SNC	M4RRC	
1050 PSI (72 BAR)						
3-way (dark blue handle)			H3FLC	H3SNC	H3RRC	H3RLC
4-way (dark blue handle)			H4FLC	H4SNC	H4RRC	
1200 PSI (83 bar)						
3-way (red handle)					U3RRC	

Airless Rotating Adapters

Used as connectors between two devices. Luer rotates a full 360° preventing torque transfer between the two attaching devices. Enhances patient safety by minimising the possibility of trapped air. Packaged 25 units per box, 4 boxes per case.

	Male-Female Rotating Adapter	Male-Male Rotating Adapter
Catalogue Number	MFA100	MMA100

FLUID MANAGEMENT

Fluid Administration Sets

Merit offers a large variety of products for fluid delivery, including simple, single-line spike systems, complex multiple-line drip chambers with bifurcated or trifurcated lines, and large and small bore tubing with roller clamps or slide clamps. Products are available with micro- or macro-drip chambers, and with or without a micro filter. Custom fluid administration sets available.

FLUID ADMINISTRATION SET with user-selectable vented macro-drip chamber and small bore tubing. Packaged 25 units per box, 4 boxes per case.
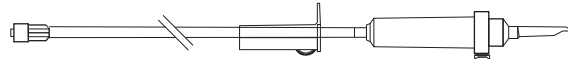
	48" Length (122 cm)	60" Length (152 cm)	72" Length (183 cm)	108" Length (274 cm)
Catalogue Number for without Micro Filter	FAS1048	FAS1060	FAS1072	FAS1108
Catalogue Number for with Micro Filter		FAS1160	FAS1172	

FLUID ADMINISTRATION SET with non-vented macro-drip chamber, micro filter and small bore tubing. Packaged 25 units per box, 4 boxes per case.
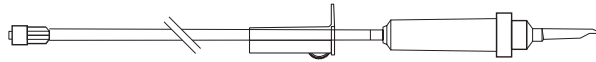
	60" Length (152 cm)	72" Length (183 cm)
Catalogue Number	FAS1260	FAS1272

FLUID ADMINISTRATION SET with user-selectable vented spike. Packaged 25 units per box, 4 boxes per case.

	48" Length (122 cm)	60" Length (152 cm)	72" Length (183 cm)	108" Length (274 cm)
Catalogue Number for Small Bore Tubing	FAS4048	FAS4060	FAS4072	FAS4108
Catalogue Number for Large Bore Tubing	FAS5048	FAS5060	FAS5072	FAS5108

FLUID ADMINISTRATION SET with spike and large bore tubing. Packaged 25 units per box, 4 boxes per case.
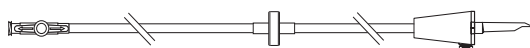
	20" Length (51 cm) With single disk check valve and user-selectable vented spike	48" Length (122 cm) with pinch clamp and non-vented spike
Catalogue Number	K08-02181	FAS5248

FLUID ADMINISTRATION SETS

FLUID ADMINISTRATION SPIKE with user-selectable vent, 1" (2.5 cm) small bore tubing and port protectors. Packaged 25 units per box, 4 boxes per case.
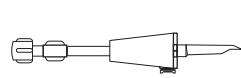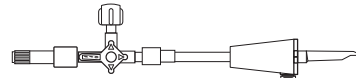
	Female luer	3-way Marquis® Stopcock
Catalogue Number	CAS100	CAS200

FLUID ADMINISTRATION SET with vented macro-drip chamber with ball, 72" large bore tubing. Single-patient use for fluid or contrast management. Packaged 25 units per box, 4 boxes per case.

	72" Length (183 cm)
Catalogue Number	K08-02385

FLUID MANAGEMENT TUBE 20" (50 cm) small bore tubing with small bore male slip luer. Packaged 15 units per box, 4 boxes per case.
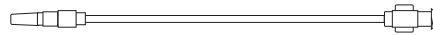
Catalogue Number	K08-01859

FLUID ADMINISTRATION SET with user-selectable vented macro-drip chamber, micro filter, roller clamps and small bore tubing. Packaged 25 units per box, 4 boxes per case.
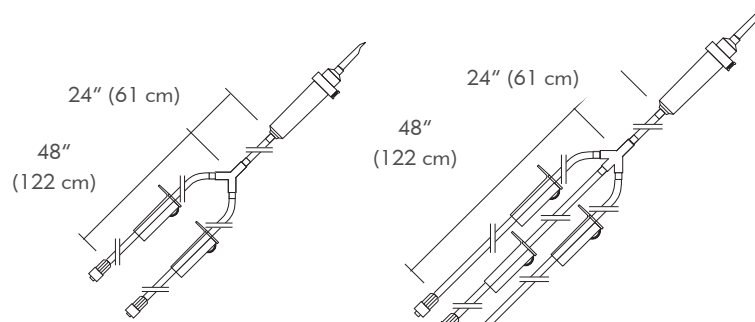
	Bifurcated 72" Length (183 cm)	Trifurcated 72" Length (183 cm)
Catalogue Number	FAS2572	FAS3072

FLUID MANAGEMENT

FLUID ADMINISTRATION SET with user-selectable vented spike, roller clamps and small bore tubing. Packaged 25 units per box, 4 boxes per case.

24" (61 cm)

48" (122 cm)
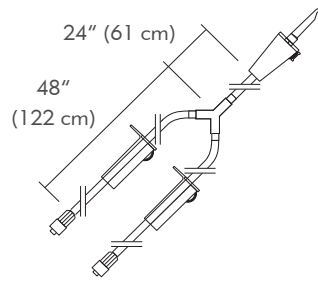
Bifurcated
72" Length (183 cm)

Catalogue Number	FAS6072
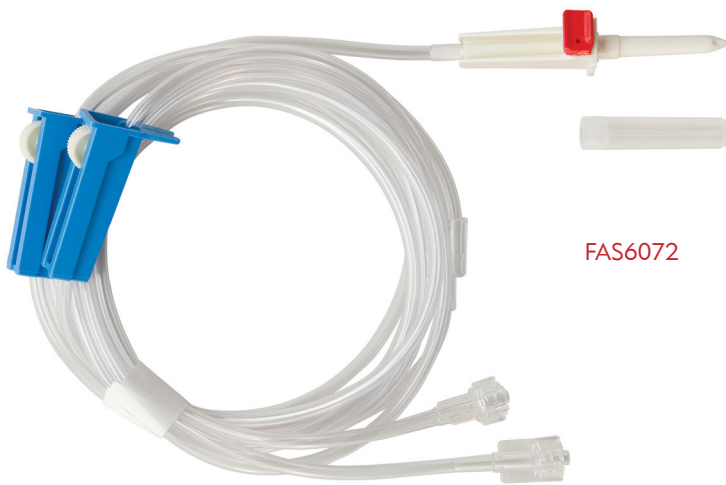
FAS6072

Pressurised Contrast Administration Systems

Features one-way piercing Sosa spike and large bore tubing. Packaged 15 units per box, 4 boxes per case.
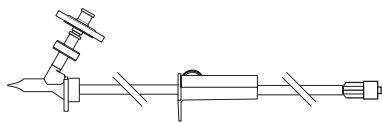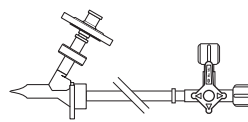
	72" Length (183 cm)	6.5" Length (17 cm)
Catalogue Number	K08-00006	K08-00685A

Contrast Management Systems

Spike with large bore tubing, bonded Marquis® Stopcock and vented sideport protectors. Packaged 25 units per box, 4 boxes per case.

Catalogue Number

K08-02438

Vented spike, large bore with user-selectable vent.
1" large bore tubing, 1-way stopcock with
distal female luer.
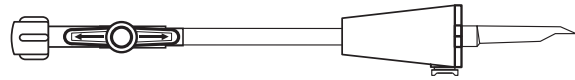
Catalogue Number

K08-02384

Vented spike, large bore with user-selectable vent.
2" large bore tubing, 3-way stopcock with distal
female luer.
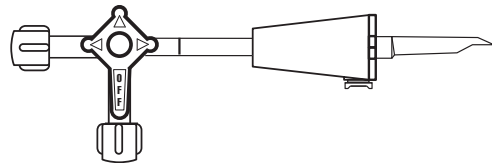
Catalogue Number

K08-00417B

Vented spike, large bore with user-selectable vent.
6.5" large bore tubing, 3-way stopcock with distal
female luer.
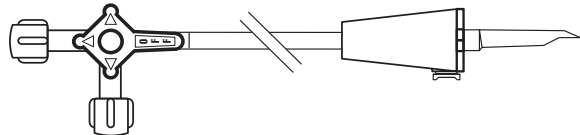
Catalogue Number

K08-00077B

Vented spike, large bore with user-selectable vent.
2" large bore tubing, 1-way stopcock with distal
male luer.
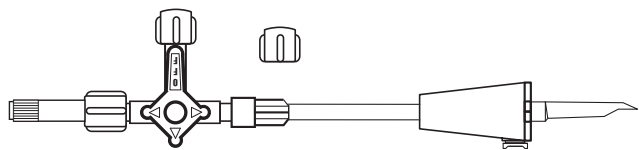
Catalogue Number

K08-00078A

Vented spike, large bore with user-selectable vent.
2" large bore tubing, 3-way stopcock with distal
male luer.

FLUID MANAGEMENT
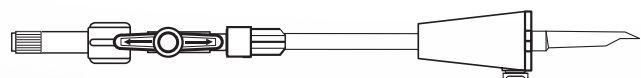
Contrast Management Systems

Catalogue Number

K08-00577

Macro Drip Chamber with filter, large bore, with 6.5" large bore tubing, 3-way stopcock with distal female luer.
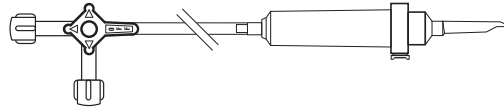
Catalogue Number

K08-01878B

Merit CT Contrast Management spike with 20" (50 cm) large bore tubing, large bore vented spike, dual check valve, and fixed male luer. Packaged 20 units per box, 4 boxes per case.

Catalogue Number

K08-00719

Vented spike, large bore with vent. 1" large bore tubing, 3-way stopcock with distal female luer.
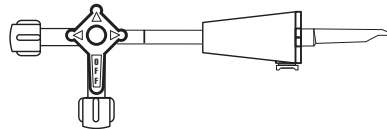
CT Transfer Sets

Catalogue Number

K08-01961B

Vented, valved spike with 20" (50 cm) small bore tubing and nexus Luer. Packaged 25/box, 4 boxes/case.
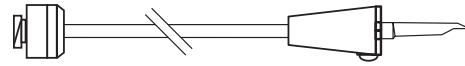
Catalogue Number

K08-02195A

Vented, valved spike with 20" (50 cm) small bore blue stripe tubing and nexus Luer. Packaged 25/box, 4 boxes/case.
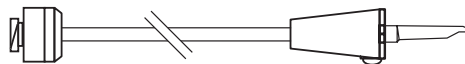
Miser® Contrast Management Systems

The Miser® Contrast Management System's exclusive orange ball and burette design prevents air from entering fluid lines during angiography, ensuring patient safety. The dual one-way check valve's microbial barrier blocks cross contamination. Automatic refill during each contrast withdrawal allows for quick and easy preparation.

MISER CONTRAST MANAGEMENT SYSTEM

Includes 72" (183 cm) distal tubing, 2 one-way check valves, 30 mL burette, air-inlet valve. Configurations available with and without a distal stopcock and with large or small bore distal tubing. Packaged 10 units per box, 4 boxes per case.

CATALOGUE NUMBER	DESCRIPTION
MISER1	Large Bore Tubing without Stopcock
MISER2	Large Bore Tubing with Stopcock
MISER3	Small Bore Tubing without Stopcock
MISER4	Small Bore Tubing with Stopcock

MISER1

MISER® CONTRAST MANAGEMENT BURETTE SPIKE

Includes large bore piercing spike, 30 mL burette, air-inlet valve, large bore distal 3-way stopcock with female luers. MUST BE USED IN CONJUNCTION WITH K08-00422D (shown below). Packaged 10 units per box, 4 boxes per case.

CATALOGUE NUMBER MISER5

MERIT IN-LINE CONTRAST MANAGEMENT SYSTEM

Includes 54" (137 cm) large bore tubing, 2 one-way check valves, standard pressure 3-way stopcock and fixed male luers. Packaged 10 units per box, 4 boxes per case.

CATALOGUE NUMBER K08-00422D

Flow Control Switch

The Merit Medical Flow Control Switch gives you the confidence you need when stopping and starting flow during critical procedures. This feature-rich, integrated, one-handed, single-channel device is designed with clinician and patient safety in mind. Merit's High Pressure Flow Control Switch can be used with any application that involves liquid flow and requires inline shut off capability.

- Audible switch ensures ease of use and confirmation of open/close
- High pressure capable of pressures up to 1200 psi in dynamic (ON) applications
- On/Off slider switch one-handed actuation
- Customisation options available

CATALOGUE NUMBER	DESCRIPTION	SLIDER COLOUR	BOX QUANTITY
U1SHC	Flow Control Switch	Blue	24
U1SHC-W	Flow Control Switch	White	24
U1SHC-R	Flow Control Switch	Red	24
U1SHC-Y	Flow Control Switch	Yellow	24
U1SHC-G	Flow Control Switch	Green	24

Pressure Rating: Open 1200 psi, Closed 150 psi

Lumen I.D.: 0.065 inches

Connectors: Male to Female

Body Material:
Polycarbonate

Valve:
Silicone

Slider Switch:
Acetal

Collar:
ABS

TUBING

High Pressure Tubing

Merit offers three specific material configurations ranging from highly flexible polyurethane to clear PVC to meet your specific pressure needs. Merit's high pressure tubing configurations offer both a fixed male connector and a rotating adapter connector.

CONTRAST INJECTION TUBING, POLYURETHANE, FLEXIBLE BRAIDED

Rated at 1200 psi (83 bar). Packaged coiled, 25 units per box, 4 boxes per case.
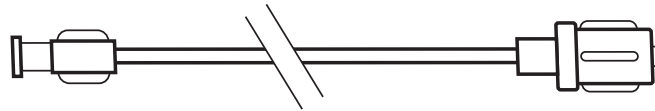
Male to Female	10" Length (25 cm)	20" Length (51 cm)	30" Length (76 cm)	48" Length (122 cm)	60" Length (152 cm)	72" Length (183 cm)
Airless Rotating Adapter	HPF100E	HPF200E	HPF300E	HPF480E		HPF720E
With KEEP™ Tubing Clip		HPF200K	HPF300K	HPF480K	HPF600K	HPF720K
Fixed Male Connector	HPF101E	HPF201E	HPF301E	HPF481E		HPF721E
With KEEP Tubing Clip		HPF201K	HPF301K	HPF481K	HPF601K	HPF721K

CONTRAST INJECTION TUBING, PVC, CLEAR

Rated at 1200, 900 and 500 psi (83, 62 and 34 bar). Packaged straight, 25 units per box, 4 boxes per case.
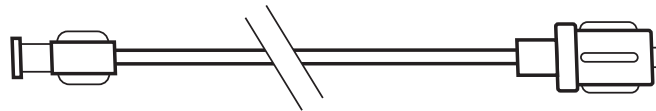
Male to Female	10" Length (25 cm)	20" Length (51 cm)	30" Length (76 cm)	48" Length (122 cm)	59" Length (150 cm)	72" Length (183 cm)
Airless Rotating Adapter						
1200 psi (83 bar)	HPT100E	HPT200E	HPT300E	HPT480E	HPT590E	
900 psi (62 bar)	HP9100E	HP9200E	HP9300E	HP9480E		HP9720E
500 psi (34 bar)	HP5100E	HP5200E	HP5300E	HP5480E		
Fixed Male Connector						
1200 psi (83 bar)	HPT101E	HPT201E	HPT301E	HPT481E	HPT591E	
900 psi (62 bar)	HP9101E	HP9201E	HP9301E	HP9481E		HP9721E
500 psi (34 bar)	HP5101E	HP5201E	HP5301E	HP5481E		

CONTRAST INJECTION TUBING, FLEXIBLE, NYLON / POLYURETHANE, EXCITE™

Rated at 1200 psi (83 bar). Packaged straight, 25 units per box, 4 boxes per case.
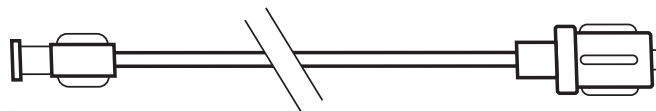
Male to Female	10" Length (25 cm)	20" Length (51 cm)	30" Length (76cm)	39" Length (100 cm)	48" Length (122 cm)	59" Length (150 cm)	72" Length (183 cm)
Airless Rotating Adapter	HPC100E	HPC200E	HPC300E	HPC390E	HPC480E	HPC590E	HPC720E
Fixed Male Connector	HPC101E	HPC201E	HPC301E	HPC391E	HPC481E	HPC591E	HPC721E

Pressure Monitoring Tubing

PRESSURE MONITORING TUBING PVC, RIGID NON-EXPANDING
Packaged coiled, 25 units per box, 4 boxes per case.
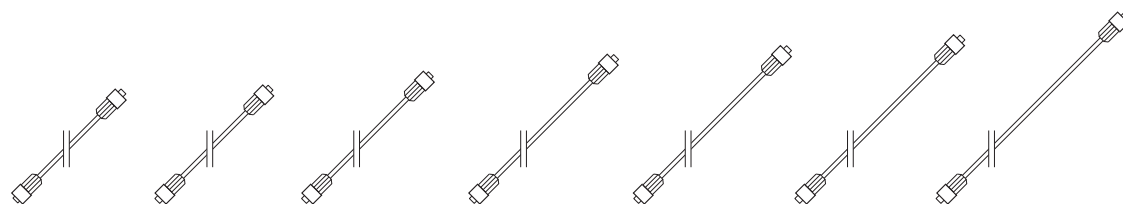
Male to Male	6" Length (15 cm)	12" Length (30 cm)	24" Length (61 cm)	36" Length (91 cm)	48" Length (122 cm)	60" Length (152 cm)	72" Length (183 cm)
Catalogue Number	PM6006	PM6012	PM6024	PM6036	PM6048	PM6060	PM6072
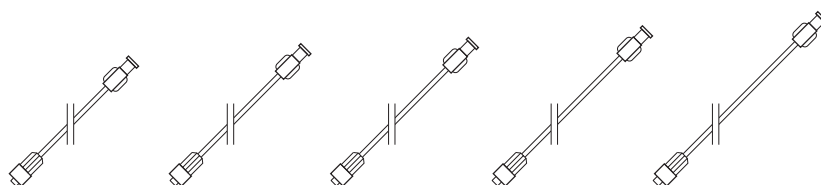
Male to Female	6" Length (15 cm)	12" Length (30 cm)	24" Length (61 cm)	36" Length (91 cm)	48" Length (122 cm)
Catalogue Number	PM6106	PM6112	PM6124	PM6136	PM6148
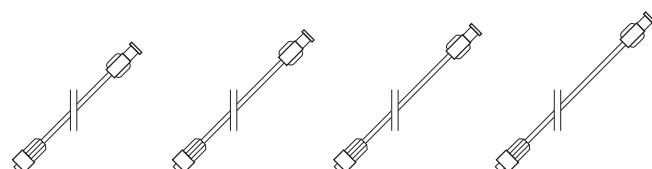
Male to Female	60" Length (152 cm)	72" Length (183 cm)	84" Length (213 cm)	96" Length (244 cm)
Catalogue Number	PM6160	PM6172	PM6184	PM6196

SAFETY & INFECTION CONTROL

DualCap®
Disinfection & Protection System
Sterile, single use

The DualCap® System is a uniquely designed disinfecting cap system for use on both the male luer connector at the end of the IV tubing and the needle-free valve. The DualCap® System consists of two caps designed to help prevent intraluminal contamination, as well as device cross-contamination, especially important for IV catheter use over extended dwell times.

- Disinfects rapidly and automatically at both IV catheter points
- The only male luer connector cap that prevents IPA from entering the fluid path
- Locks in ongoing protection against intravascular infections
- Easy to grasp
- Durable IV Pole Strips™ designed to withstand handling and provide convenient bedside delivery
- Supports infection control goals

CATALOGUE NUMBER	DESCRIPTION	CAPS PER BOX	BOX PER CASE	TOTAL CAPS PER CASE
450-LB	DualCap® Solo Cap with foil lid for needle-free valve, packed in dispenser box.	350	12	4200
550-LB	DualCap® IV Pole Strips For needle-free valves. 35 strips/10 caps per strip.	350	12	4200
660-DB	DualCap® IV Pole Strips For male luer connectors. 35 strips/5 caps per strip.	175	6	1050

SAFETY & INFECTION CONTROL

CCS™ Coronary Control Syringes

The CCS™ Coronary Control Syringe has a clear barrel for clarity and smoothness and a solid plunger body to maintain stability and durability under pressure. The rotating and fixed luers allow flexibility and confidence in the luer connection. The specially designed safety space limits the potential for introducing air bubbles into the catheter. The CCS™ locking ring permits vacuum or negative pressure. The Inject8™ and Inject10$_n$™ offer clinicians more pressure with less applied force. Packaged 25 units per box, 4 boxes per case.
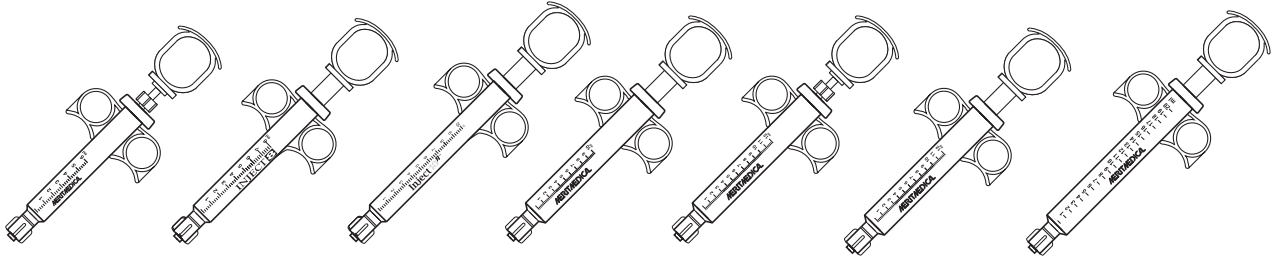
	6 mL Locking Ring Plunger	8 mL Solid Plunger Inject8™	10 mL Solid Plunger Inject10$_n$™	10 mL Solid Plunger	12 mL Locking Ring Plunger	12 mL Solid Plunger	20 mL Solid Plunger
Rotating Adapter	CCS460	CCS880	CCX010	CCS800	CCS100	CCS600	CCS320
Fixed Male Connector	CCS461	CCS881	CCX011	CCS801	CCS101	CCS601	CCS321

SMART TIP™ CONTROL SYRINGE with blue silicone tip, ring plunger and ring grip. Packaged 25 units per box, 4 boxes per case.
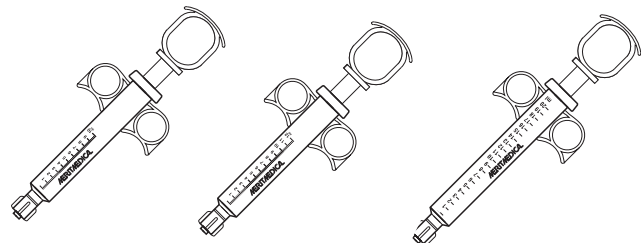
	10 mL Solid Plunger	12 mL Solid Plunger	20 mL Solid Plunger
Rotating Adapter	ST800	ST600	ST320
Fixed Male Connector	ST801	ST601	ST321

ST800

CORONARY CONTROL SYRINGE with palm pad plunger and ring grip. Packaged 25 units per box, 4 boxes per case.
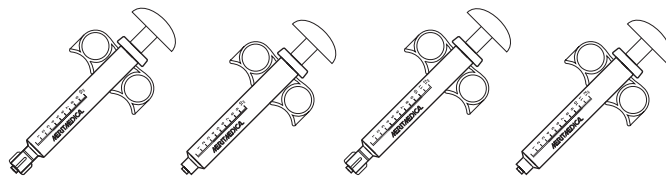
	10 mL Solid Plunger	10 mL Solid Plunger	12 mL Solid Plunger	12 mL Solid Plunger
Rotating Adapter	CCSB900		CCSB700	
Fixed Male Connector		CCSB901		CCSB701
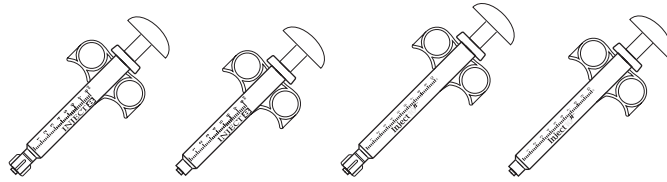
	8 mL Solid Plunger Inject8	8 mL Solid Plunger Inject8	10 mL Solid Plunger Inject10^n	10 mL Solid Plunger Inject10^n
Rotating Adapter	CCSB880		CCXB010	
Fixed Male Connector		CCSB881		CCXB011

CCSB900

CORONARY CONTROL SYRINGE with palm pad plunger and wing grip. Packaged 25 units per box, 4 boxes per case.
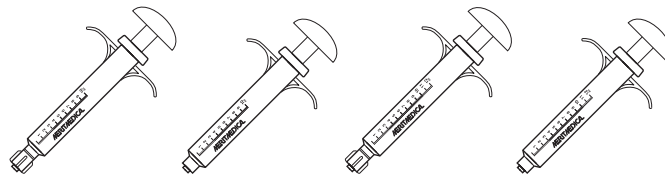
	10 mL Solid Plunger	10 mL Solid Plunger	12 mL Solid Plunger	12 mL Solid Plunger
Rotating Adapter	CCSB910		CCSB710	
Fixed Male Connector		CCSB911		CCSB711
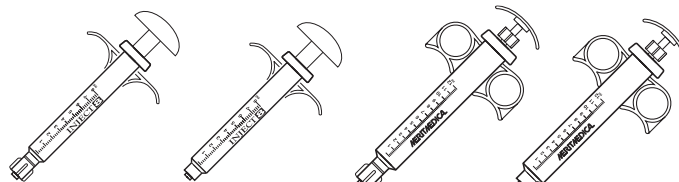
	8 mL Solid Plunger Inject8™	8 mL Solid Plunger Inject8™	12 mL Locking Ring Plunger	12 mL Locking Ring Plunger
Rotating Adapter	CCSW880		CCS200	
Fixed Male Connector		CCSW881		CCS201

VacLok® Vacuum Pressure Syringes

The VacLok® vacuum pressure syringe comes with a clear polycarbonate barrel, white plunger, four- or six-position locking mechanism and fixed male luer. Packaged 20 or 25 units per box, 4 boxes per case.

	10 mL four position 25/box	20 mL four position 20/box	30 mL six position 20/box	60 mL six position 25/box
Catalogue Number	VAC110	VAC120	VAC130	VAC160

SAFETY & INFECTION CONTROL

Medallion® Syringes

Merit Medical's Medallion® Syringes come in seven colour options with custom printing or a frosted field for writing information directly on the syringe barrel. The Medallion® Syringe features a clear polycarbonate barrel, coloured plunger, and fixed male Luer. Packaged 25 units per box, 4 boxes per case.
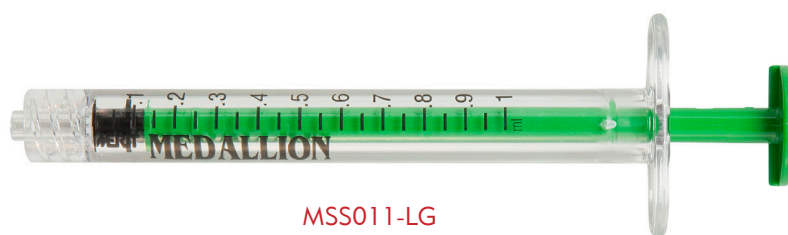
MSS011-LG
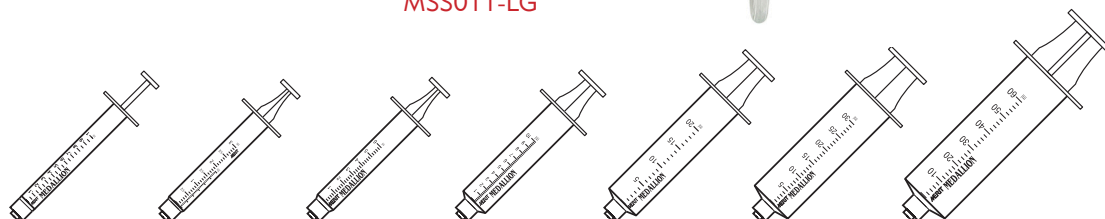
Plunger Colours	1 mL	3 mL	6 mL	10 mL	20 mL	30 mL	60 mL
White	MSS011	MSS031	MSS061	MSS111	MSS121	MSS131	MSS160
Light Blue	MSS011-LB	MSS031-LB	MSS061-LB	MSS111-LB	MSS121-LB	MSS131-LB	
Yellow	MSS011-Y	MSS031-Y	MSS061-Y	MSS111-Y	MSS121-Y	MSS131-Y	
Red	MSS011-R	MSS031-R	MSS061-R	MSS111-R	MSS121-R	MSS131-R	
Light Green	MSS011-LG	MSS031-LG	MSS061-LG	MSS111-LG	MSS121-LG	MSS131-LG	
Dark Green	MSS011-DG	MSS031-DG	MSS061-DG	MSS111-DG	MSS121-DG	MSS131-DG	
Purple	MSS011-PR	MSS031-PR	MSS061-PR	MSS111-PR	MSS121-PR	MSS131-PR	

MEDALLION® SYRINGES with clear polycarbonate barrel, coloured plunger, black medication printing, and fixed male Luer. Packaged 25 units per box, 4 boxes per case.

Plunger Colours	NITRO (10 mL)	LIDOCAINE (10 mL)	HEPARIN (10 mL)	CONTRAST (10 mL)	SALINE (10 mL)
Light Blue	K01-60085	K01-60081	K01-60082	K01-60086	K01-60083
Yellow	K01-60101	K01-60097	K01-60098	K01-60102	K01-60099
Red	K01-60109	K01-60105	K01-60106	K01-60110	
White	K01-60077			K01-60078	K01-60075
Light Green	K01-60093	K01-60089	K01-60090	K01-60094	
Dark Green				K01-00786	

Plunger Colours	FENTANYL (3 mL)	XYLOCAINE (10 mL)	VERSED (3 mL)	FLUSH (10 mL)
Light Blue		K01-00917	K01-05185	K01-05093
Red		K01-00953		
Light Green	K01-03243			

Medallion® Sword handle Syringes

Medallion® Sword Handle Syringes feature sword handles, clear polycarbonate barrels, coloured plungers, and fixed male Luers. Packaged 25 units per box, 4 boxes per case.
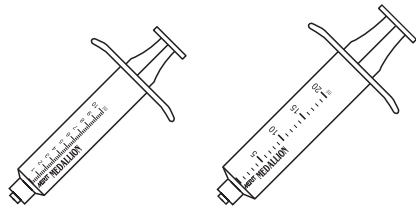
Plunger Colours	10 mL	20 mL
White	MSSW11	MSSW21
Light Blue	MSSW11-LB	MSSW21-LB
Yellow	MSSW11-Y	MSSW21-Y
Red	MSSW11-R	MSSW21-R
Light Green	MSSW11-LG	MSSW21-LG
Dark Green	MSSW11-DG	MSSW21-DG
Purple	MSSW11-PR	MSSW21-PR

MSSW11-Y

SAFETY & INFECTION CONTROL

Custom Medallion® Syringes

Merit Medical's signature Medallion® Syringes can be custom ordered to your specifications. Medallion® Syringes come with a clear polycarbonate barrel, coloured plunger, customised medication printing, and Luer options including fixed male or slip Luer styles.

Select one option from each category and identify your custom medication to be printed on the barrel. Your Merit Representative will provide you with the corresponding catalogue number.

Custom Medallion® Syringes are packaged 25 units per box, 4 boxes per case.

STOCK

CUSTOMISED

Custom Medication | Custom Plunger Colour

| SIZE OPTIONS | 1 mL | 3 mL | 6 mL | 10 mL | 20 mL | 30 mL | 60 mL |
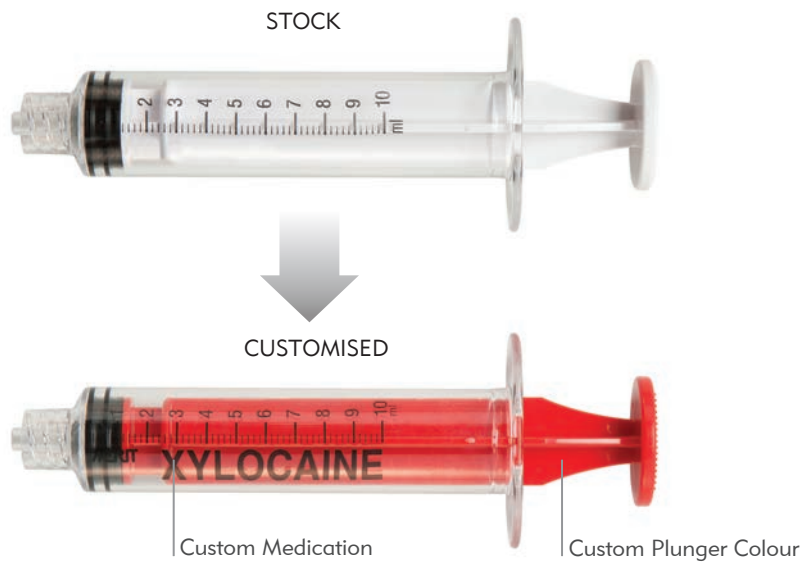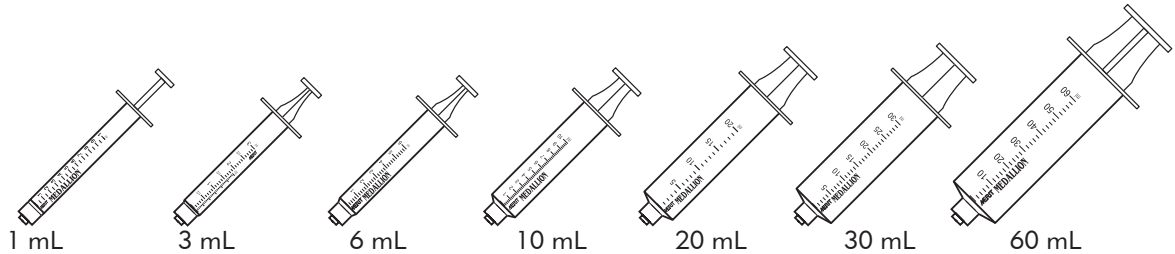
PLUNGER COLOUR OPTIONS:

White
Light Blue
Light Green
Dark Green
Yellow
Red
Purple

PRINT COLOUR OPTIONS:

Black
White

LUER OPTIONS:

Fixed Male Luer
Slip Luer

Futura® Safety Scalpels

These retractable safety scalpels are designed to protect clinicians and patients from accidental cuts during passing and disposal. The one-handed operation combines convenience with rapid response for any procedure. Packaged 50 units per box, 2 boxes per case.

Precision stainless steel blade

Textured for handling control

Locking inset offers tactile and audible feedback

Innovative spring retraction technology

Ruler

Back/Closed   Front/Open
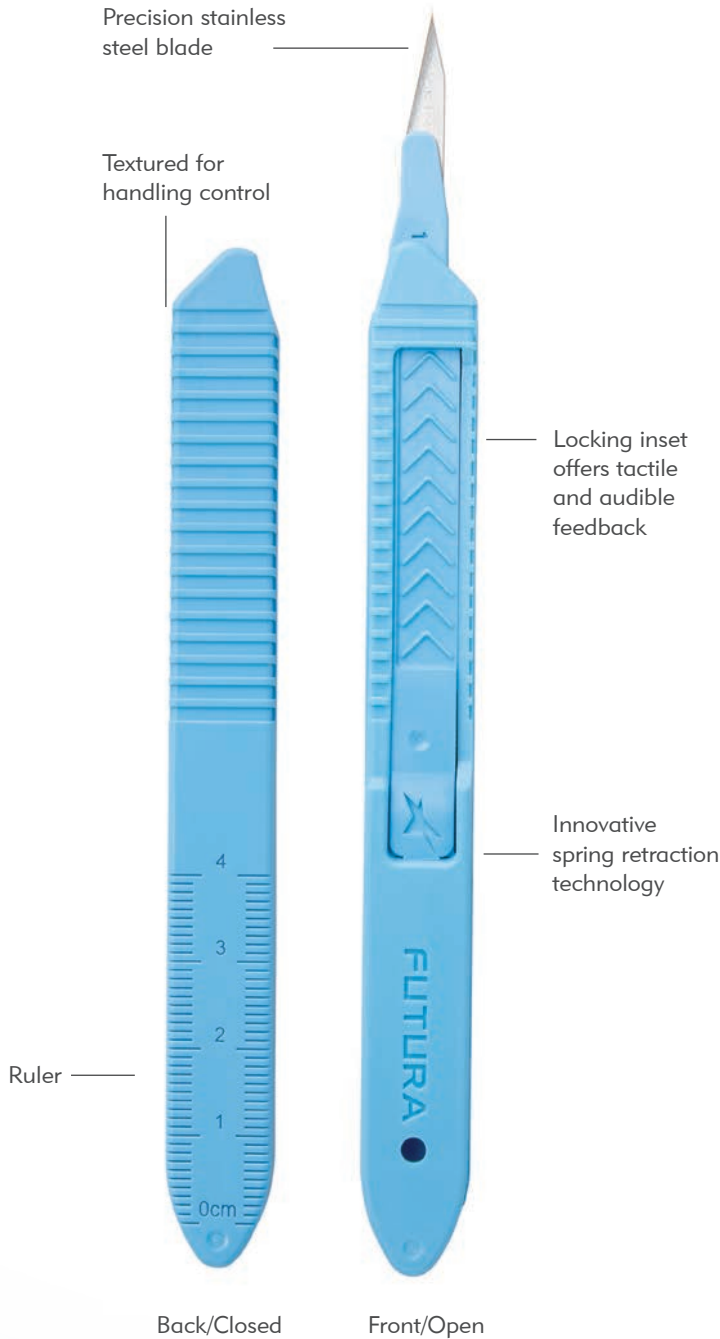
Blade Style #11, Blue

SMS211

Blade Style #15, Yellow

SMS215

Blade Style #10, Green

SMS210

Catalogue Number	Description	Colour
SMS210	#10 Blade Style	green
SMS211	#11 Blade Style	blue
SMS215	#15 Blade Style	yellow

BACKSTOP® AND MINISTOP® DISPOSAL SYSTEMS

For quick and safe fluid waste elimination. Includes absorbent material and particulate-free, die-cut sponge and seal-tight lid.

Catalogue Number	Description
MBS100	BackStop 500 mL fluid capacity, packaged 10 per box
MMS100	MiniStop 100 mL fluid capacity, packaged 20 per box
MMSF200	MiniStop filter, packaged 20 per box

MBS100

BACKSTOP+™ AND MINISTOP+™ DISPOSAL SYSTEMS

For quick and safe fluid waste elimination. Has a seal-tight lid to prevent fluid leakage after a procedure and includes a temporary sharps holder.

Catalogue Number	Description
MBSP100	BackStop+ 500 mL fluid capacity, packaged 10 per box
MMSP100	MiniStop+ 100 mL fluid capacity, packaged 20 per box

MBSP100

DUGOUT® CLOSED WASTE BASINS

With 1000 mL fluid capacity and absorbent material. Includes particulate-free, die-cut sponge, secondary compartment for storage of ancillary products or saline, and seal-tight lid. Packaged 6 units per box, 4 boxes per case.

Catalogue Number	Description
DUG100	DugOut 1000 mL fluid capacity
DUG1SS	DugOut 1000 mL fluid capacity with ShortStop® Temporary Sharps Holder

DUG100

SHORTSTOP® TEMPORARY SHARPS HOLDER

Reduce the possibility of accidental sharps injuries. Rigid, puncture-resistant material reduces potential of needle sticks and increases safety during disposal. Coring-resistant foam provides easy removal and minimises particulate.

Catalogue Number   SS10

Packaged 25 per box, 4 boxes per case.

SS10

SHORTSTOP ADVANTAGE® TEMPORARY SHARPS HOLDER

The ShortStop Advantage® temporary sharps holder features a new side access to rest a fully loaded syringe attached to a needle.

Catalogue Number   SS20

Packaged 25 per box, 4 boxes per case.

SHORTSTOP GRANDSTAND® TEMPORARY SHARPS HOLDER

The ShortStop Grandstand® holds sharp devices upright for convenient access and safety. The compact configuration is a space-saving solution for the safe storage of needles, syringes and scalpels.

Catalogue Number   SS30

Packaged 10 per box, 4 boxes per case.

DriPAD™ Super Absorbent Pad

SUPER ABSORBENT TECHNOLOGY THAT HELPS YOU MANAGE THE RISK OF BIOHAZARDS

The DriPAD™ can be used underneath patients to protect linens and beds. It can also be conveniently placed on the floor to absorb spills, trapping fluids inside.

Super Absorbent Technology

• DriPADs™ absorb up to 35x their weight in fluids,* making them more efficient than the leading absorbent pad on the market. That's up to 10x more absorption power than alternative pads.*

• A specially treated absorbent core draws fluid away from the surface and traps it in the interior, so that the surface remains dry.

Containment & Odor Control

• Each DriPAD™ features a robust polypropylene backing to provide a barrier that prevents leakage.

ORDERING INFORMATION

Part Number	Description	Quantity
Sterile		
PAD0909E	9" x 9" Soaker Pad; absorbs and solidifies .47 liters (16oz.) of fluid	10 units
PAD2320E	23"x 20" Utility Pad; absorbs and solidifies 1.89 liters (64oz.) of fluid	5 units
PAD2332E	23"x 32" Large Pad; absorbs and solidifies 2.84 liters (96oz.) of fluid	5 units
PAD2360E	23"x 60" Stretcher-Size Gurney Pad; absorbs and solidifies 5.68 liters (192oz.) of fluid	5 units

Part Number	Description	Quantity
Non-sterile		
PAD0909NS	9" x 9" Soaker Pad; absorbs and solidifies .47 liters (16oz.) of fluid	10 units
PAD2320NS	23"x 20" Utility Pad; absorbs and solidifies 1.89 liters (64oz.) of fluid	5 units
PAD2332NS	23"x 32" Large Pad; absorbs and solidifies 2.84 liters (96oz.) of fluid	5 units
PAD2360NS	23"x 60" Stretcher-Size Gurney Pad; absorbs and solidifies 5.68 liters (192oz.) of fluid	5 units

Available in 4 sizes

Soaker 9" x 9"

Utility 23" x 20"

Large 23" x 32"

Gurney 23" x 60"

Absorption Capacities

9" x 9" .47 liters (16oz.)

23" x 20" 1.89 liters (64oz.)

23" x 32" 2.84 liters (96oz.)

23" x 60" 5.68 liters (192oz.)

*Data on file

SAFETY & INFECTION CONTROL
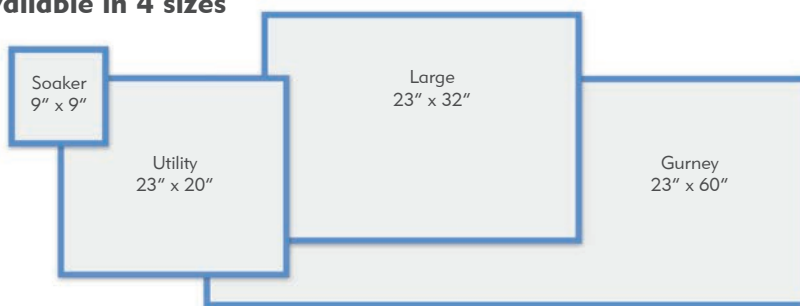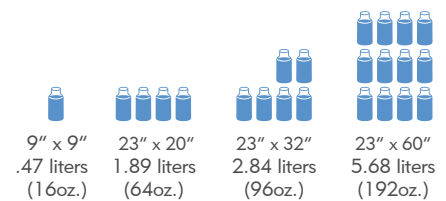
PAL™ - PEN AND LABELS

Strategically designed medication labeling system. The labels are made of moisture resistant polypropylene material.
In addition, each PAL includes a sterile, smear resistant, permanent marker. Packaged 25 units per box, 4 boxes per case.

Catalogue Number	Description
PAL100	Contains pen and label set of 35
PAL200	Contains pen and label set of 24
PAL225	Contains pen, label set of 24 and guide wire bowl label set of 5
PAL250	Contains pen, label set of 24 and large bowl label set of 7
PAL300	Contains pen and label set of 12
PAL325	Contains pen, label set of 12 and guide wire bowl label set of 5
PAL350	Contains pen, label set of 12 and large bowl label set of 7
PAL400	Contains pen and blank label set of 12
PAL425	Contains pen, blank label set of 12 and guide wire bowl label set of 5
PAL450	Contains pen, blank label set of 12 and large bowl label set of 7
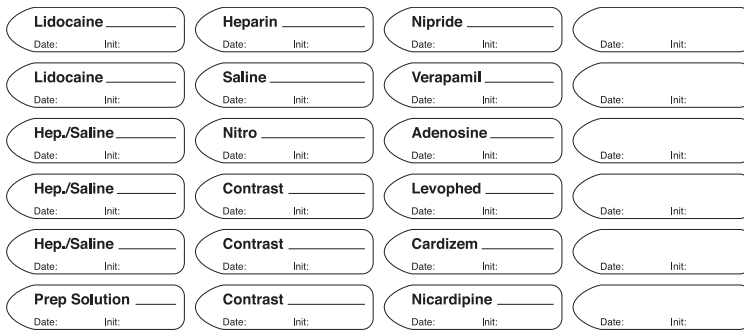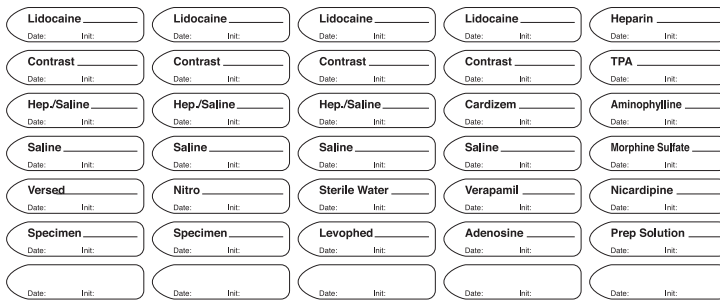
PAL 200 SERIES
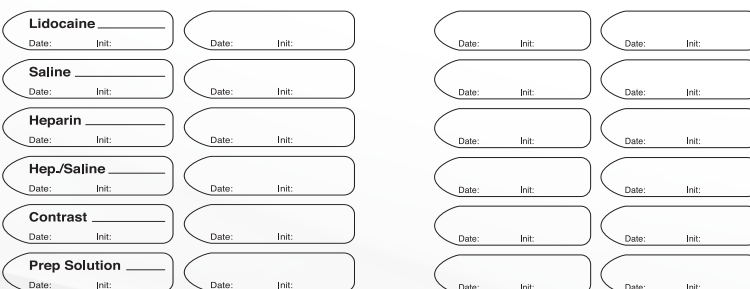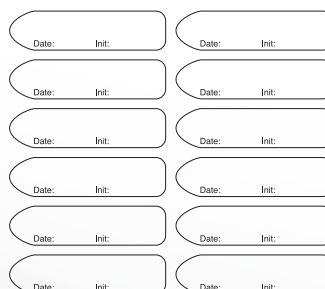
PAL 300 SERIES   PAL 400 SERIES

PAL™ - Pen & Labels

PAL500
Contains pen and guide wire bowl label set of 5
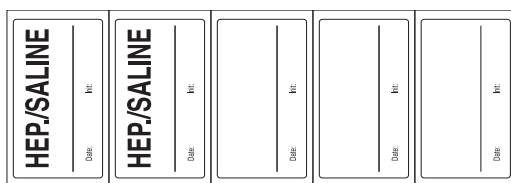
Catalogue Number PAL500

PAL600
Contains pen and large bowl label set of 7
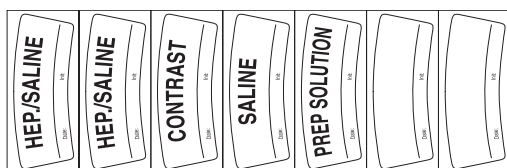
Catalogue Number PAL600

PAL700
Contains pen, label set of 35 and large bowl label set of 7

Lidocaine	Lidocaine	Lidocaine	Lidocaine	Heparin
Contrast	Contrast	Contrast	Contrast	TPA
Hep./Saline	Hep./Saline	Hep./Saline	Cardizem	Aminophylline
Saline	Saline	Saline	Saline	Morphine Sulfate
Versed	Nitro	Sterile Water	Verapamil	Nicardipine
Specimen	Specimen	Levophed	Adenosine	Prep Solution
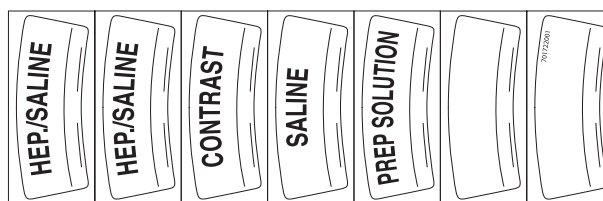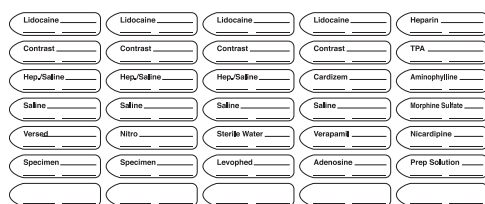
Catalogue Number PAL700

All label pictures are not to scale.

PAL™ PEN

Sterile, smear resistant, permanent marker. Packaged 25 units per box, 4 boxes per case.

Catalogue Number K13-00476

Custom PAL™ Labels

Customers now have the option to have a custom label set created to meet their specific clinical needs.

Comply with the Joint Commission's National Patient Safety Goals* using Merit Medical's strategically designed custom medication labeling system.

Quickly and easily order all your custom medication labels with Merit's revolutionary iPAD app. Through the app, you'll be able to select critical drug information, including drug name, dosing, date and signatures while maintaining complete compliance with the Joint Commission.

Contact your Merit Medical Sales Representative today for all your medication labeling needs.

STEP 1: CHOOSE A TEMPLATE

Label Set Template options for syringes, cups and small bowls:
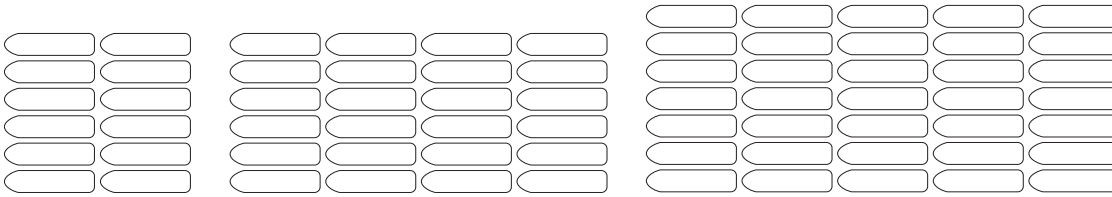
Label Set of 12   Label Set of 24   Label Set of 35

Label Set Template options for large bowls:
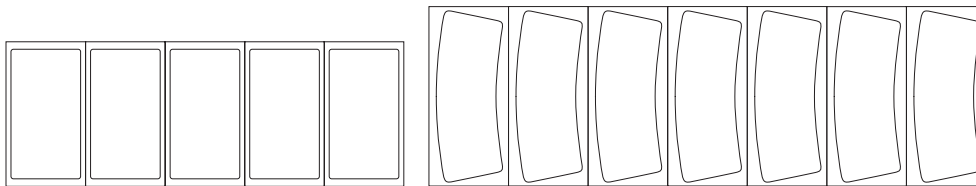
Label Set of 5 (Rectangle Design)   Label Set of 7 (Curved Label Design)

STEP 2: IDENTIFY THE MEDICATION NAMES YOU WOULD LIKE TO HAVE PRINTED ON EACH LABEL

STEP 3: CHOOSE THE APPROPRIATE COLOURS FROM THE OPTIONS LISTED BELOW

Colour Options:

Choose Label Color

Red
Dark Blue
Blue
Aqua
Lt. Green
Green
Yellow
Purple
Pink
Lt. Orange
Orange
White
Transparent
Gray
Brown

Opaque

Transparent
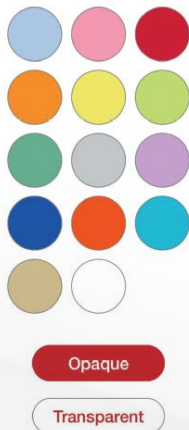
Your Merit Representative will provide you with the corresponding Catalogue number.

Most custom label sets are packaged 25 units per box, 4 boxes per case.

To better meet your clinical needs, each custom label set kit can contain a sterile permanent marker. The sterile permanent marker is also available stand alone.

NOTE: Custom label sets are available upon special request. Please allow up to six weeks for delivery.

* When label is completed at the time the medication or solution is prepared.

COMPLETE PROCEDURAL SOLUTIONS

Angiography Tray 1

Includes

Quantity	Description
2	Band Bags 36" x 48" (91 x 122 cm)
1	Set Up Cover 44" x 77" (112 x 196 cm)
1	Dome Band Bag 22" Deep (56 cm)
1	Needle 18 G x 1.5" (40 mm)
1	Needle 21 G x 1.5" (40 mm)
1	Needle 22 G x 1.5" (40 mm)
1	Needle 25 G x 1.5" (40 mm)
1	#11 Futura® Safety Scalpel
1	Medicine Cup 2oz, 60 mL
1	Bowl 16oz, 500 mL
1	Bowl 32oz, 1000 mL
1	Guide Wire Bowl 2000 mL
1	Tray 9" x 5" x 2" (23 x 12 x 5 cm)
1	Curved Forceps 5" (13 cm)
50	4" x 4" (10 x 10 cm) Gauze Pads (12 Ply)
6	Cloth Towels (Blue)
4	Towel Clamps
3	Sponge Sticks 8" (20 cm)
2	XL NRF Gowns
1	Back Table Cover 50" x 90" (127 x 229 cm)
1	Femoral Drape 86" x 135" (206 x 343 cm) with 2 Windows
2	Line Identification Labels (Red/Yellow/Blue/White)
1	Merit Disposal Depot™ Waste Bag (MDD200HP)
1	Angiographic Needle 18 G x 2 3/4" (7 cm) Thin Wall
3	Medallion® Syringes 20 mL L/L, White, Saline
2	Medallion® Syringes 10 mL L/L, Lt Blue, Lidocaine
2	Medallion® Syringes 10 mL L/L, Yellow, Contrast
1	ShortStop® Temporary Sharps Holder
1	Manifold Setup With OFF Handles*

*MANIFOLD SETUP CONTAINS:
203HN-R - 3-Port Manifold
1st Port - PM6172 - Pressure Monitoring Tubing
2nd Port - FAS5072 - Tubing w/ Large Bore Spike
3rd Port - FAS1272 - Tubing w/ Non-Vented Macro
Drip Chamber, Male Luer
CCX010 - Coronary Control Syringe
M3SNC - 3-Way Stopcock

Packaged 4 per case.

Catalogue Number   K09T-11906
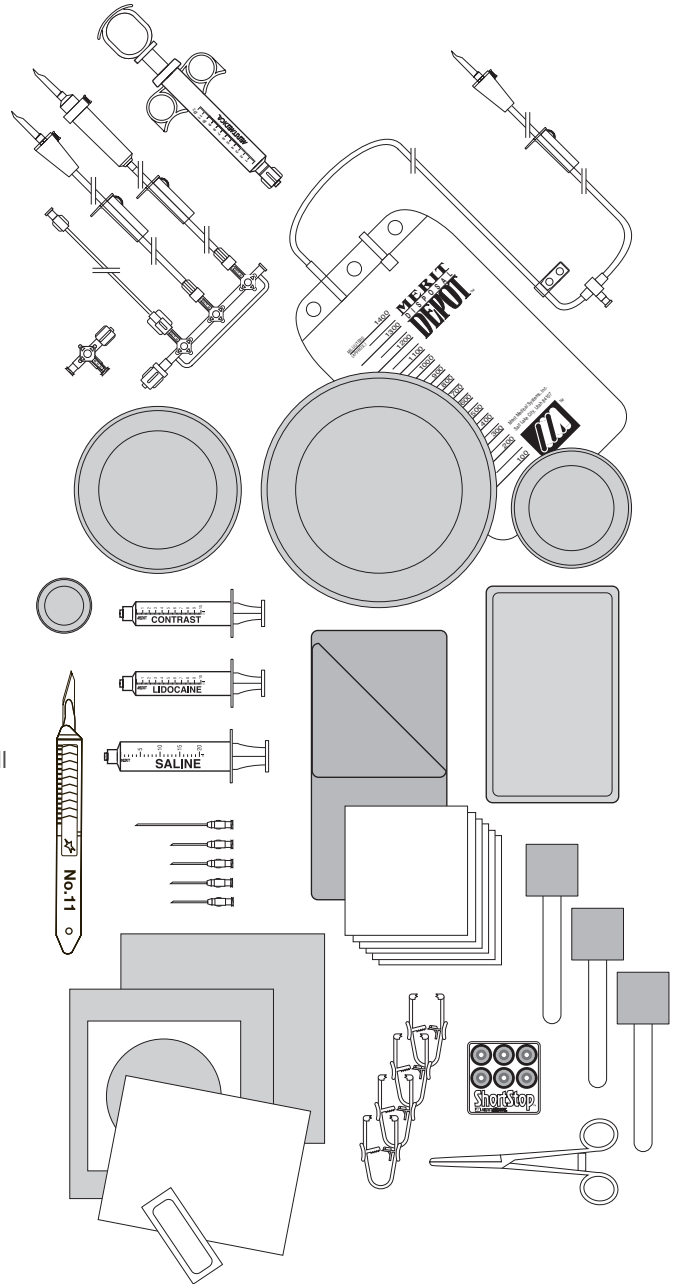
Custom Angiography Kits

When your clinical needs are unique, Merit Medical can customise an angiography kit to meet your specific requirements.
A Merit Sales Representative can assist you in combining Merit components into a single kit.

NOTE: All custom kits require a signed drawing (example above) and contract.

Pericardiocentesis Kits

8.3F PERICARDIOCENTESIS PROCEDURE KIT
Designed to assist the clinician in draining fluid from the pericardial sac.
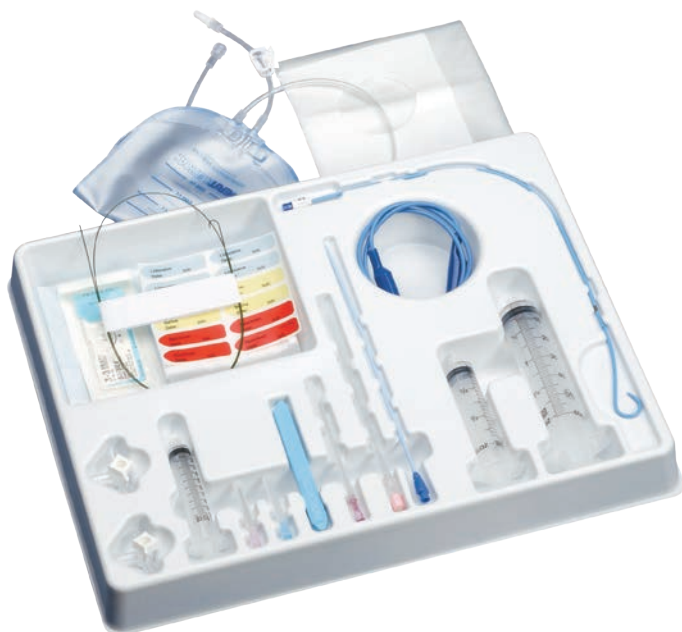
Includes

Quantity	Description
1	8.3F Pigtail or straight catheter, 40 cm with one marker band
1	8.5F Dilator 22 cm length
1	Guide wire: 0.035" (0.89 mm) x 80 cm, 3 mm J, double ended standard PTFE
2	3-way Stopcocks large bore
1	18G x 1 1/2" (3.8 cm) Medication Needle
1	25G x 1 1/2" (3.8 cm) Medication Needle
1	18G x 3" (9 cm) Access needle
1	18G x 5.9" (15 cm) Chiba Access needle
1	10 mL Luer lock syringe
1	20 mL Luer lock syringe
1	60 mL Luer lock syringe
1	1000 mL Merit Disposal Depot™ waste bag with drainage spout
10	4" x 4" (10 cm x 10 cm) Gauze sponges
1	61 cm x 61 cm Fenestrated drape
1	46 cm x 66 cm Absorbent barrier drape
1	Double-ended alligator clip cable
1	CSR Drape
1	#11 Futura® Safety Scalpel
1	3.0 silk suture with curved needle
1	Medication label set

Catalogue Number	Description
PC801	Pigtail Shape
PC802	Straight Shape
PC803EU	Pigtail Shape; kit does not include ChloraPrep®
PC804EU	Straight Shape; kit does not include ChloraPrep®

Pericardiocentesis Kits PC801 and PC802 do not have the CE Marking.
ChloraPrep® is a registered trademark of CareFusion 2200, Inc.

Pericardiocentesis Kits

6F PERICARDIOCENTESIS PROCEDURE KIT
Designed to assist the clinician in draining fluid from the pericardial sac.

Includes

Quantity	Description
1	6F High-flow pigtail or straight catheter 60 cm
1	6F Dilator 22 cm length
1	3-way stopcock
1	Guide wire 0.035" (0.89 mm) x 80 cm Double ended Heavy Duty PTFE (J & straight)
1	22G x 2 3/8" (6 cm) Medication Needle
1	19G x 1 1/2" (3.8 cm) Medication Needle
1	18G x 3'' (9 cm) Access Needle
1	18G x 5.9'' (15 cm) Chiba Access Needle
1	10 mL Luer lock syringe
1	60 mL Luer lock syringe
1	1400 Merit Disposal Depot™ waste bag with connecting tube
10	4" x 4" (10 cm x 10 cm) Gauze sponges
1	40 cm x 40 cm Fenestrated drape
1	46 cm x 66 cm Absorbent barrier drape
1	Double-ended alligator clip cable
1	CSR wrap
1	#11 Futura® Safety Scalpel

Packaged 4 kits per box.

Catalogue Number	Description
PC101	6F High-flow pigtail catheter
PC201	6F High-flow straight catheter

Rapid Response Right Heart Kits

Right Heart Kits are pre-assembled and include necessary pressure monitoring and fluid management components.

RAPID RESPONSE RIGHT HEART ON KIT
2-port manifold, ON handle with transducer, 60" (152 cm) pressure monitoring tubing, and 60" (152 cm) non-vented small bore tubing flush line. Packaged 10 units per box, 4 boxes per case.
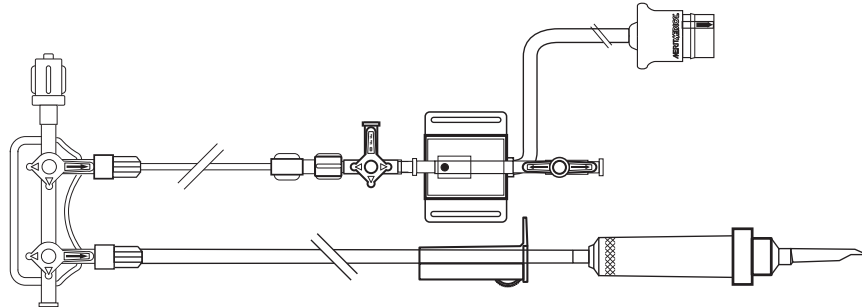
Catalogue Number   K09-10471

RAPID RESPONSE RIGHT HEART OFF KIT
2-port manifold, OFF handle with transducer, 60" (152 cm) pressure monitoring tubing, and 60" (152 cm) non-vented small bore tubing flush line. Packaged 10 units per box, 4 boxes per case.
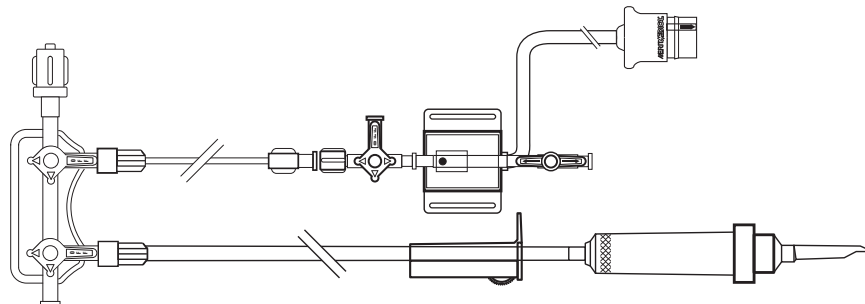
Catalogue Number   K09-10472

Rapid Response Kits do not have CE Marking.

COMPLETE PROCEDURAL SOLUTIONS

Radial Drapes

The 4-Hole Drapes are standalone convenience products for radial procedures that Merit Medical has made available for clinical settings where a fenestrated drape outside of the procedure pack is necessary or desired. Packaged 10 per case.

Catalogue Number	Description
K12T-04696	Femoral Radial Angiography Drape, Angled 4-hole
K12T-05047	Standard 4-hole drape
K12T-07173	Femoral Radial Angiography Drape

135" (343 cm)

86' (218.44 cm)

K12T-04696

150" (381 cm)

95" (242 cm)

K12T-07173

135" (343 cm)

86'' (218 cm)
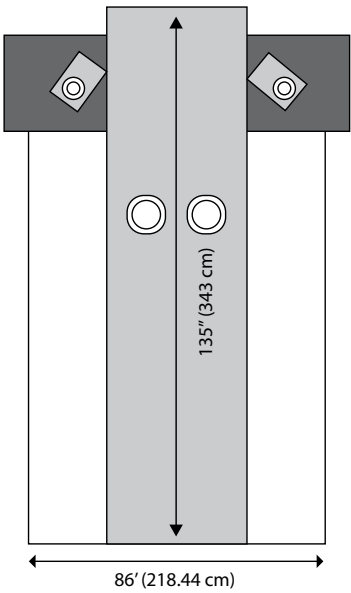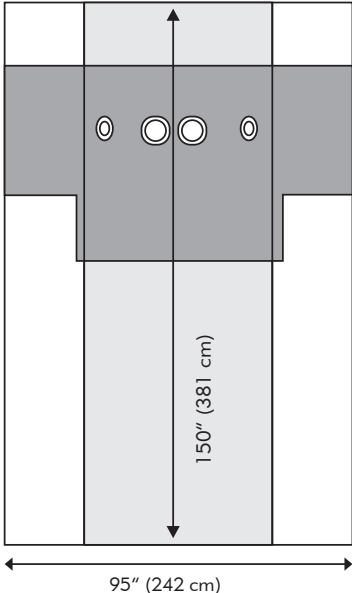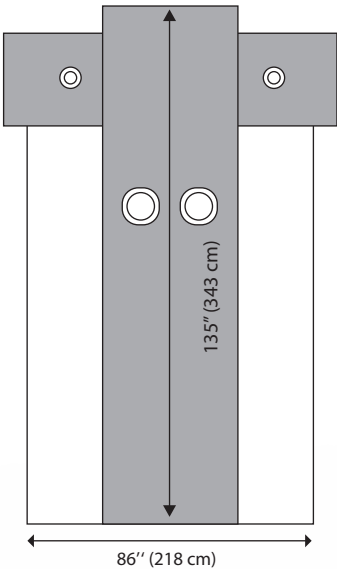
K12T-05047

COMPLETE PROCEDURAL SOLUTIONS

Drape Armour® - Scatter Radiation Drapes

These positional protection shields are designed to protect at the procedure site where scatter radiation is most prevalent. They can help protect surgeons and other members of the clinical staff, and offer substantial attenuation as demonstrated by direct beam studies. Packaged 10 per case.

Catalogue Number	Description
K12T- 09374	41x 25cm
K12T- 09375	41x 41 cm
K12T- 09376	41x 35cm w/slit and circ hole
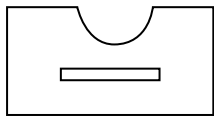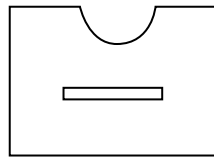
K12T- 09374   K12T- 09375   K12T- 09376
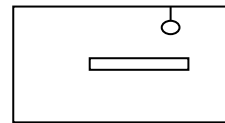
Drape Armour® is a registered trademark of Microtek Medical, Inc.

Merit Medical is a global company. Not all goods in this catalogue are available in every country. Terms and conditions may vary. Contact your local Sales Representative for more details.

ACCESSORIES

PIB - Pressure Infusor Bags™

Nylon bags for pressurisation of fluids. Dual-setting pressure relief valve easily switches between standard and overpressure mode with the click of a button (PIB500 and PIB1000 only).

PIB500   PIB1000   MTM330E
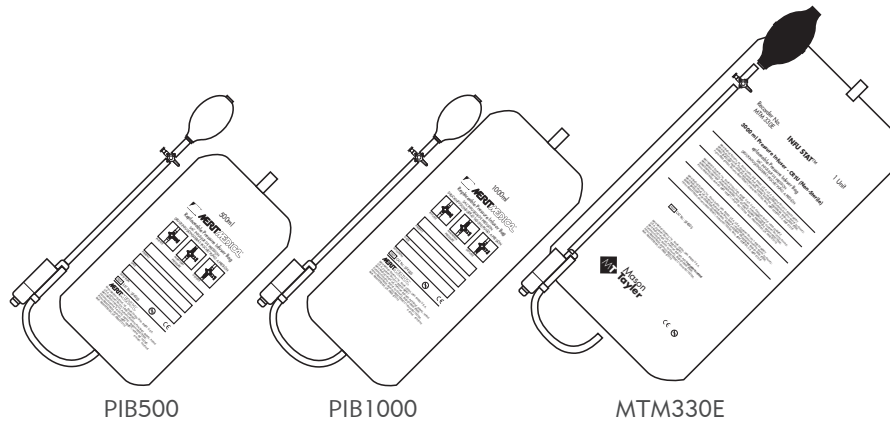
Catalogue Numbers	Description
PIB500	500 mL 12 per box, 48 per case
PIB1000	1000 mL 12 per box, 48 per case
MTM330E	3000 mL 2 per box, 10 per case

PIB500

PIB1000

ACCESSORIES

Flow Control Switch

The Merit Medical Flow Control Switch gives you the confidence you need when stopping and starting flow during critical procedures. This feature-rich, integrated, one-handed, single channel device is designed with clinician and patient safety in mind. Merit's High Pressure Flow Control Switch can be used with any application that involves liquid flow and requires inline shut off capability.

- Audible switch ensures ease of use and confirmation of open/close
- High pressure capable of pressures up to 1200 psi in dynamic (ON) applications
- On/Off slider switch one-handed actuation
- Customisation options available

CATALOGUE

NUMBER	DESCRIPTION	SLIDER COLOUR	BOX QUANTITY
U1SHC	Flow Control Switch	Blue	24
U1SHC-W	Flow Control Switch	White	24
U1SHC-R	Flow Control Switch	Red	24
U1SHC-Y	Flow Control Switch	Yellow	24
U1SHC-G	Flow Control Switch	Green	24

Pressure Rating: Open 1200 psi, Closed 150 psi

Lumen I.D.: 0.065 inches

Connectors: Male to Female

Body Material:
Polycarbonate

Valve:
Silicone

Slider Switch:
Acetal

Collar:
ABS

ACCESSORIES

Floswitch®
Sterile, single use

- Floswitch® acts as an ON/OFF device on infusion lines, stopping the flow in order to carry out line procedures in closed circuit.

- Designed to reduce risk of patient emboli and contamination of hospital staff to blood.

- The Floswitch® is designed to increase safety.

- Floswitch® can be connected to any catheter fitted with a Luer connector.

- Winged to facilitate attachment.

Floswitch® closed
External compression of the extension tubing by means of a steel ball, provides risk-free unambiguous opening and closing of the infusion line.

ORDERING INFORMATION

PRODUCT CODE	DESCRIPTION	BOX/CASE CONTENT (UNITS)
681033	Floswitch	25/250

Floswitch® open

PRODUCT SPECIFICATIONS

Latex free

CE marked

Class lla according to the European Medical Devices Directive 93/42/ EEC as amended by Directive 2007/47/EC

Sterilisation method: Ethylene Oxide

Quality Management with Merit

Merit products are designed and manufactured to meet applicable international Quality Management System requirements in accordance with the European Medical Devices Directive 93/42/EEC (MDD) and FDA QSR where applicable. Hence, all Merit manufacturing sites hold a valid certification against ISO 9001:2000 and/or ISO 13485:2003. Likewise, all Merit manufacturing sites are subject of periodic external as well as internal audits to ensure compliance with aforementioned Quality Management System requirements.

Symbol Guidance

| Symbol	Description	Symbol	Description
CE	The CE mark, signifying compliance with European Medical Device Directive.		
REF	Catalogue number/ reference number/ re-order number	SN	Serial number
LOT	Lot number/batch code/batch number		Fragile
EC REP	Authorised representative in the European Community		Keep dry
STERILE EO	Sterilised using Ethylene Oxide		Do not re-use/single use/use only once
	Use by		Keep away from sunlight
	Date of manufacture		Do not use if package is damaged
	Manufacturer		Green Dot - Recycle in Europe
	This way up		Caution/attention/see instructions for use
LATEX	Does not contain natural rubber latex	LATEX	Contains or presence of natural rubber latex
PHT DEHP	Contains or presence of phthalates: Bis(2-ehylhexyl) phthalate (DEHP)		Temperature limitation
Rx ONLY	Caution: Federal Law (USA) restricts this device to sale by or on the order of a physician		Caution, consult accompanying documents

Cannulae/Catheter Conversions

Gauge	Outer Ø mm	Inch	Charriere (French) 1Ch = 0.33mm
	0.5	0.019	
24	0.6	0.024	
23	0.7	0.027	2
22	0.8	0.031	
21	0.9	0.035	
20	1.0	0.039	3
19	1.1	0.043	
18	1.2	0.047	
18	1.3	0.051	
17	1.4	0.055	4
17	1.5	0.059	
16	1.6	0.063	
16	1.7	0.067	5
15	1.8	0.071	
15	1.9	0.075	
14	2.0	0.079	6
14	2.1	0.083	
14	2.2	0.086	
13	2.3	0.091	
13	2.4	0.094	7
13	2.5	0.098	

The definition of gauge measurement comes from the AAMI (Association for the Advancement of Medical Instrumentation - USA). This states how many cannulae fit into a tube with an inner diameter of 1" (1 inch = 25.4mm).

1 inch   1 inch
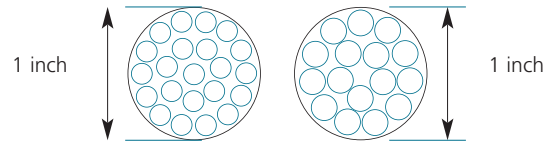
The AAMI uses only even numbers (18, 20, 22, etc.) as measuring units. A similar measurement definition exists in Great Britain and this is known as the SWG (Standard Wire Gauge). The SWG uses consecutive numbers, ie 13 to 24 and is the more common method of measurement for catheters in Europe. The Charriere, commonly known as French, relates directly to the catheter size, i.e. 1 Ch = 0.33mm. In the following tables the measurements of the AAMI - SWG - French are shown in relation to the outer ø in mm.

Table
SWG - AAMI
Outer Ø mm
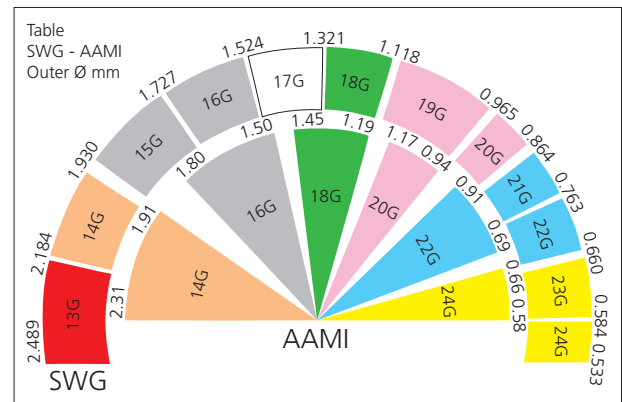
Merit's multi lumen catheter (Careflow™) hub colour coding differentiates the lumens and not the catheter gauge, i.e.

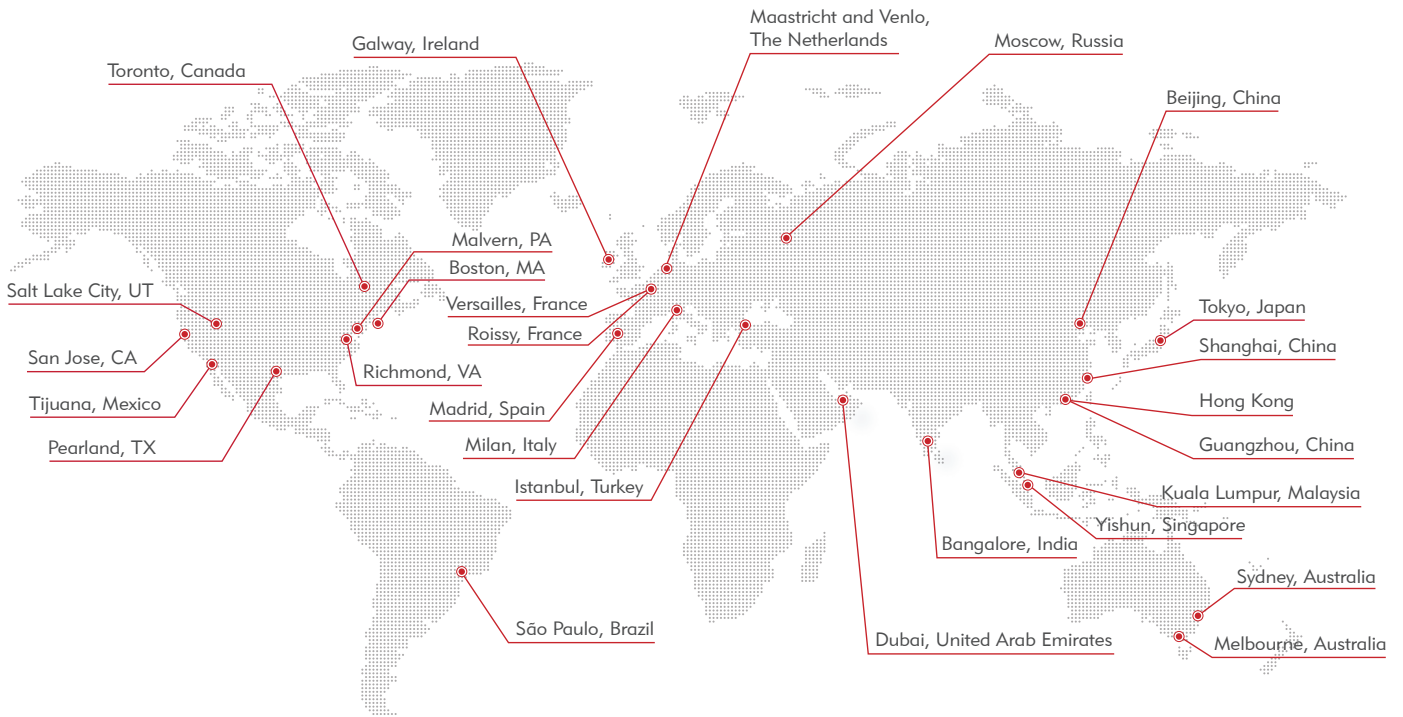|		
white	○	proximal
brown	●	tip
blue	●	middle
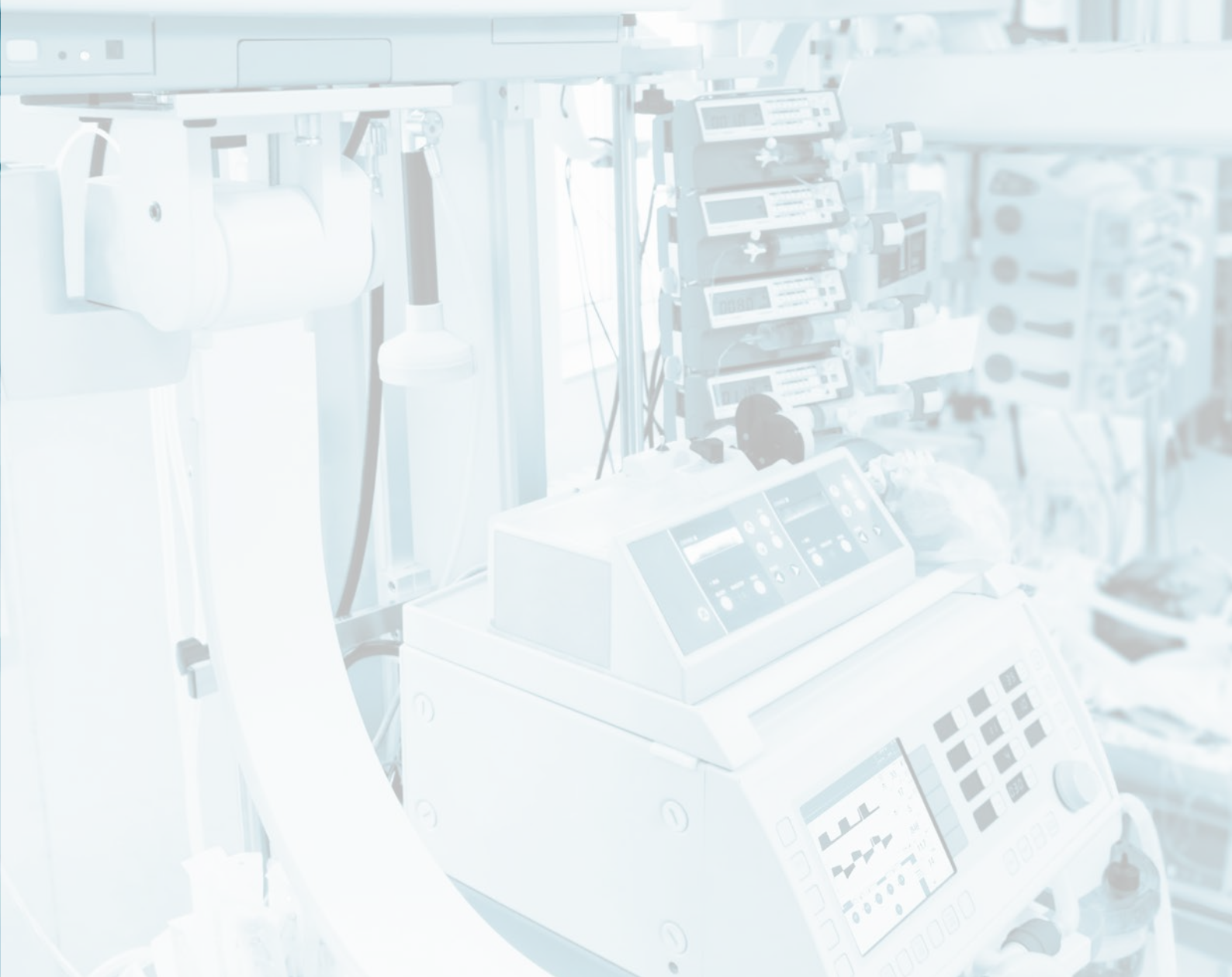
UNDERSTAND. INNOVATE. DELIVER. ™

Merit Medical Systems is a worldwide leader in the development, manufacturing, and distribution of quality medical devices used in interventional and diagnostic procedures. With a global workforce and cutting-edge manufacturing facilities equipped with the most advanced technology, Merit Medical consistently delivers quality products that are backed by excellent service and professional expertise.

Toronto, Canada
Galway, Ireland
Maastricht and Venlo, The Netherlands
Moscow, Russia
Beijing, China
Malvern, PA
Boston, MA
Versailles, France
Roissy, France
Tokyo, Japan
Shanghai, China
Salt Lake City, UT
Hong Kong
San Jose, CA
Richmond, VA
Guangzhou, China
Tijuana, Mexico
Madrid, Spain
Pearland, TX
Milan, Italy
Kuala Lumpur, Malaysia
Yishun, Singapore
Istanbul, Turkey
Bangalore, India
Sydney, Australia
São Paulo, Brazil
Melbourne, Australia
Dubai, United Arab Emirates