



EXTENDED DWELL CATHETER AND CRITICAL CARE PRODUCT CATALOG



MERTMEDICA®

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Central Venous Catheters



Argon Floswitch™

Sterile, single use

Description	Box/Case Content (Units)	Product Code
Argon Floswitch™	25/250	681033

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

Reduces the risk of patient emboli and potential contamination of hospital staff by exposure to blood.

The Floswitch™ therefore considerably increases safety.

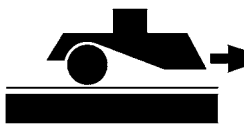
Argon Floswitch™ can be connected to any catheter fitted with a Luer connector.

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

Latex free

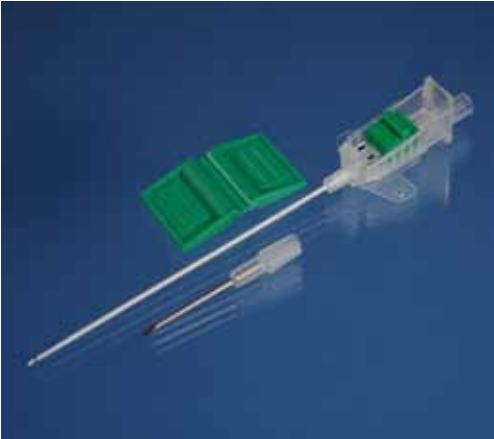
CE marked

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

Central Venous Catheters



Argon Secalon-T™

Sterile, single use

Gauge	Length	Catheter External Diameter	Colour	Box/Case Content (Units)	Flow Rate (ml/min)	Product Code
18G	90mm	1.2mm	Green	25/250	55	681000
16G	130mm	1.7mm	Grey	25/250	139	681002
16G	160mm	1.7mm	Grey	25/250	128	681004
14G	160mm	2.0mm	Orange	25/250	206	681006

- Argon Secalon-T™ emergency catheter designed for high flow rate infusions.
- PTFE (Polytetrafluoroethylene) material construction and incorporating a Floswitch™, Argon 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.
- Latex free
- CE marked
- Class III according to the European Medical Devices Directive 93/42/EEC as amended by Directive 2007/47/EC
- Shelf life: 5 years (maximum)
- Sterilisation method: Ethylene Oxide

Central Venous Catheters



Argon Careflow™ Single Lumen Central Venous Catheters

Sterile, single use

External Diameter	Length	Cannula Introducer Gauge	Cannula Introducer Length	Floswitch™ Introducer Gauge	Floswitch™ Introducer Length	Needle Introducer Gauge	Needle Introducer Length	Guidewire OD & Length	Secondary Fixation (SFD)	Box/Case Content (Units)	Flow Rate (ml/min) D	Code without Floswitch™	Code with Floswitch™
ARGON CAREFLOW™ SINGLE LUMEN SETS WITHOUT EXTENSION													
2.5Fr (22G)	100mm	N/A	N/A	20G	45mm	22G	40mm	0.5 x 350mm		10/100	10	681614	681623
3Fr (20G)	150mm	N/A	N/A	20G	45mm	22G	40mm	0.5 x 350mm		10/100	16	681639	681640#
3Fr (20G)	200mm	N/A	N/A	20G	45mm	22G	40mm	0.5 x 450mm		10/100	15	681643	681644
4Fr (18G)	200mm	N/A	N/A	18G	60mm	17G	70mm	0.6 x 450mm		10/100	36	681649	681650
5Fr (16G)	150mm	N/A	N/A	15G	70mm	17G	70mm	0.9 x 450mm	Yes	10/100	71	681669	681670
5Fr (16G)	200mm	N/A	N/A	15G	70mm	17G	70mm	0.9 x 450mm	Yes	10/100	63	681672	681673
7Fr (14G)	150mm	N/A	N/A	14G	70mm	17G	70mm	0.9 x 450mm	Yes	10/100	190	681706	681707
7Fr (14G)	200mm	N/A	N/A	14G	70mm	17G	70mm	0.9 x 450mm	Yes	10/100	136	681709	681710

Argon Careflow™ is a range of paediatric and adult polyurethane central venous catheters designed for catheterisation by the Seldinger technique.

Available in single, double, triple, quadruple and quint lumen formats, this range of sets contains a NiTiNol guidewire and the Argon Venaguide™ Seldinger wire advancing device facilitating single handed guidewire insertion.

Argon Careflow™ catheters are latex free with tapered atraumatic catheter tip reducing the risk of venous damage and improving catheter insertion.

The streamlined junction hub enables ease of catheter suture and comfortable positioning on the patients skin.

Argon Careflow™ catheters offer 1cm and 5cm interval depth markings to facilitate catheter placement and clear lumen size and hub colour coding indication.

Argon Floswitch™ and Argon Floswitch™ introducer catheter options available throughout range.

Argon Careflow™ central venous catheters are pressure rated with a maximum pressure tolerance of 45 psi.

Description

Single lumen Argon Careflow™ with Argon Floswitch™ set contents:

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

Single lumen Argon Careflow™ without Argon Floswitch™ set contents:

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

Note: Part number 681640 contains 0.5 x 450mm guidewire.

Latex free

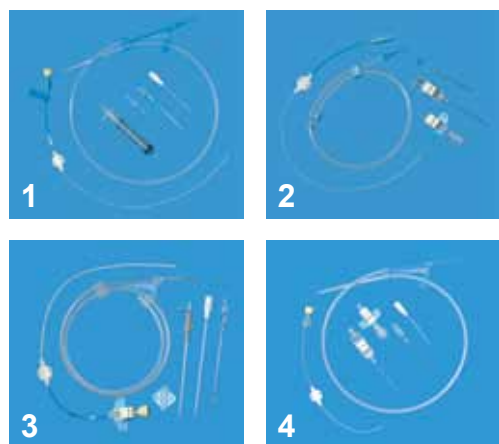
CE marked

Class III 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

Central Venous Catheters



Argon Careflow™ Single Lumen Central Venous Catheter Sets

Sterile, single use

External Diameter	Length	Cannula Introducer Gauge	Cannula Introducer Length	Floswitch™ Introducer Gauge	Floswitch™ Introducer Length	Needle Introducer Gauge	Needle Introducer Length	Guidewire OD & Length	Secondary Fixation (SFD)	Box/Case Content (Units)	Flow Rate (ml/min) D	Code without Floswitch™	Code with Floswitch™
1. ARGON CAREFLOW™ SINGLE LUMEN SETS WITH EXTENSION													
2.5Fr (22G)	60mm	22G	38mm	N/A	N/A	22G	40mm	0.5 x 350mm		5/50	12	681612	
2.5Fr (22G)	100mm	22G	38mm	N/A	N/A	22G	40mm	0.5 x 350mm		5/50	10	681622	
2.5Fr (22G)	200mm	22G	38mm	N/A	N/A	22G	40mm	0.5 x 650mm		5/50	7	681634	
3Fr (20G)	150mm	20G	45mm	N/A	N/A	22G	40mm	0.5 x 450mm		5/50	18	681647	
3Fr (20G)	200mm	20G	45mm	N/A	N/A	22G	40mm	0.5 x 650mm		5/50	15	681638	
4Fr (18G)	60mm	20G	45mm	N/A	N/A	22G	40mm	0.5 x 350mm		5/50	47	681624	
4Fr (18G)	200mm	20G	45mm	N/A	N/A	22G	40mm	0.5 x 650mm		5/50	35	681658	
5Fr (16G)	150mm	16G	70mm	N/A	N/A	17G	70mm	0.9 x 450mm	Yes	5/50	65	681662	
5Fr (16G)	200mm	16G	70mm	N/A	N/A	17G	70mm	0.9 x 700mm	Yes	5/50	60	681666	
5Fr (16G)	300mm	16G	70mm	N/A	N/A	17G	70mm	0.9 x 700mm	Yes	5/50	46	681679	
7Fr (14G)	150mm	16G	70mm	N/A	N/A	17G	70mm	0.9 x 450mm	Yes	5/50	159	681698	
7Fr (14G)	200mm	16G	70mm	N/A	N/A	17G	70mm	0.9 x 700mm	Yes	5/50	149	681699	
7Fr (14G)	300mm	16G	70mm	N/A	N/A	17G	70mm	0.9 x 700mm	Yes	5/50	136	681701	
2. ARGON CAREFLOW™ SINGLE LUMEN SET WITH ARGON FLOSWITCH™													
2.5Fr (22G)	200mm	N/A	N/A	20G	45mm	22G	40mm	0.5 x 450mm		10/100	7		681633
3. ARGON CAREFLOW™ SINGLE LUMEN WITH INTEGRAL ARGON FLOSWITCH™													
5Fr (16G)	150mm	N/A	N/A	15G	70mm	17G	70mm	0.9 x 450mm	Yes	10/100	65		681660
5Fr (16G)	200mm	N/A	N/A	15G	70mm	17G	70mm	0.9 x 700mm	Yes	10/100	60		681664
5Fr (16G)	300mm	N/A	N/A	15G	70mm	17G	70mm	0.9 x 700mm	Yes	10/100	46		681678
4. ARGON CAREFLOW™ SINGLE LUMEN WITH EXTENSION AND ARGON FLOSWITCH™													
2.5Fr (22G)	60mm	N/A	N/A	20G	45mm	22G	40mm	0.5 x 350mm		5/50	12		681615
4Fr (18G)	60mm	N/A	N/A	20G	45mm	22G	40mm	0.5 x 350mm		5/50	47		681625

Description

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

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

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

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

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

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

4. Single lumen Argon Careflow™ set with extension and Argon Floswitch™ contents‡:

Argon Careflow™ Polyurethane catheter with clear extension, steel needle introducer, Argon Floswitch™ overneedle introducer, vessel dilator, Argon Venaguide™ Seldinger wire advancing device with NiTiNol guidewire, Argon Floswitch™ revolving Luer-Lok™ system and luer lock plug.

Latex free

CE marked

Shelf life: 5 years

(§ except 681660, 681664 & 681678 which have a 3 year shelf life.)

Sterilisation method: Ethylene Oxide

† Sterile double tray packaging for increased safety

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

Central Venous Catheters



Argon Careflow™ Double & Triple Lumen Central Venous Catheter Sets

Sterile, single use

External Diameter	Length	Cannula Introducer		Floswitch™ Introducer		Needle Introducer		Guidewire OD & Length	Secondary Fixation (SFD)	Box/Case Content (Units)	Flow Rate (ml/min)			Code without Floswitch™	Code with Floswitch™
		Gauge	Length	Gauge	Length	Gauge	Length				D	M	P		
ARGON CAREFLOW™ DOUBLE LUMEN SETS															
4Fr (20G, 22G)	60mm	20G	45mm	20G	45mm	22G	40mm	0.5 x 350mm		5/50	20	8	681616	681617	
4Fr (20G, 22G)	100mm	20G	45mm	20G	45mm	22G	40mm	0.5 x 350mm		5/50	19	6	681626	681627	
4Fr (20G, 22G)	150mm	20G	45mm	20G	45mm	22G	40mm	0.5 x 450mm		5/50	16	4	681653	681652	
4Fr (20G, 22G)	200mm	20G	45mm	20G	45mm	22G	40mm	0.5 x 450mm		5/50	17	4	681656#	681655	
5Fr (18G, 20G)	60mm	18G	60mm	18G	60mm	17G	70mm	0.6 x 450mm	Yes	5/50	40	10	681619	681628	
5Fr (18G, 20G)	150mm	18G	60mm	18G	60mm	17G	70mm	0.6 x 450mm	Yes	5/50	29	6	681683	681682	
5Fr (18G, 20G)	200mm	18G	60mm	18G	60mm	17G	70mm	0.6 x 650mm	Yes	5/50	30	6	681687	681686	
7Fr (16G, 18G)	150mm	16G	70mm	15G	70mm	17G	70mm	0.9 x 450mm	Yes	5/50	74	24	681703	681702	
7Fr (16G, 18G)	200mm	16G	70mm	15G	70mm	17G	70mm	0.9 x 700mm	Yes	5/50	73	21	681714	681713	
7Fr (16G, 18G)	300mm	16G	70mm	15G	70mm	17G	70mm	0.9 x 700mm	Yes	5/50	61	19	681718	681717	

Description

Double lumen Argon Careflow™ with Argon Floswitch™ set contents:

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

Double lumen Argon Careflow™ without Argon Floswitch™ set contents:

Argon Careflow™ double lumen Polyurethane catheter with clear extensions, cannula introducer, steel needle introducer, vessel dilator, Argon 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.

External Diameter	Length	Cannula Introducer		Floswitch™ Introducer		Needle Introducer		Guidewire OD & Length	Secondary Fixation (SFD)	Box/Case Content (Units)	Flow Rate (ml/min)			Code without Floswitch™	Code with Floswitch™
		Gauge	Length	Gauge	Length	Gauge	Length				D	M	P		
ARGON CAREFLOW™ TRIPLE LUMEN SETS															
5Fr (18G, 20G, 20G)	60mm	18G	60mm	18G	60mm	17G	70mm	0.6 x 450mm	Yes	5/50	40	10	12	681620	681629
5Fr (18G, 20G, 20G)	100mm	18G	60mm	18G	60mm	17G	70mm	0.6 x 450mm	Yes	5/50	32	7	8	681630	681618
5Fr (18G, 20G, 20G)	150mm	18G	60mm	18G	60mm	17G	70mm	0.6 x 450mm	Yes	5/50	29	5	6	681691	681690
5Fr (18G, 20G, 20G)	200mm	18G	60mm	18G	60mm	17G	70mm	0.6 x 650mm	Yes	5/50	26	5	5	681695	681694
7Fr (16G, 18G, 18G)	150mm	16G	70mm	15G	70mm	17G	70mm	0.9 x 450mm	Yes	5/50	66	22	23	681721	681720
7Fr (16G, 18G, 18G)	200mm	16G	70mm	15G	70mm	17G	70mm	0.9 x 700mm	Yes	5/50	59	16	17	681725	681724
7Fr (16G, 18G, 18G)	300mm	16G	70mm	15G	70mm	17G	70mm	0.9 x 700mm	Yes	5/50	53	11	9	681729	681728

Description

Triple lumen Argon Careflow™ with Argon Floswitch™ set contents:

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

Triple lumen Argon Careflow™ without Argon Floswitch™ set contents:

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

Latex free

CE marked

Class III 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

Sterile double tray packaging for increased safety

Central Venous Catheters



Argon Careflow™ Quad & Quint Lumen Central Venous Catheter Sets

Sterile, single use

External Diameter	Length	Cannula Introducer		Floswitch™ Introducer		Needle Introducer		Guidewire OD & Length	Box/Case Content (Units)	Flow Rate (ml/min)					Code without Floswitch™	Code with Floswitch™
		Gauge	Length	Gauge	Length	Gauge	Length			D	M1	M2	P1	P2		
ARGON CAREFLOW™ QUAD LUMEN SETS																
8.5Fr (14G, 16G, 16G, 18G)	150mm	16G	70mm	15G	70mm	17G	70mm	0.9 x 450mm	5/50	64	82	57	20		681731	681732
8.5Fr (14G, 16G, 16G, 18G)	200mm	16G	70mm	15G	70mm	17G	70mm	0.9 x 700mm	5/50	58	76	45	19		681733	681734

Description

Quad lumen Argon Careflow™ with Argon Floswitch™ set contents:

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

Quad lumen Argon Careflow™ without Argon Floswitch™ set contents:

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

External Diameter	Length	Cannula Introducer		Floswitch™ Introducer		Needle Introducer		Guidewire OD & Length	Box/Case Content (Units)	Flow Rate (ml/min)					Code without Floswitch™	Code with Floswitch™
		Gauge	Length	Gauge	Length	Gauge	Length			D	M1	M2	P1	P2		
ARGON CAREFLOW™ QUINT LUMEN SETS																
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	681735	681736
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	681737	681738

Description

Quint lumen Argon Careflow™ with Argon Floswitch™ set contents:

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

Quint lumen Argon Careflow™ without Argon Floswitch™ set contents:

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

Latex free

CE marked

Class III 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

Sterile double tray packaging for increased safety

Central Venous Catheters



Argon Careflow™ Single & Multi Lumen Central Venous Catheter Sets with Argon Guiding Syringe

Sterile, single use

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	Product Code
		Gauge	Length	Gauge	Length				D	M1	M2	P1	P2		
ARGON CAREFLOW™ SINGLE LUMEN SETS WITH ARGON GUIDING SYRINGE															
5Fr (16G)	150mm	16G	70mm	17G	70mm	0.9 x 450mm	Yes	5/50	65					Yes	681788
5Fr (16G)	200mm	16G	70mm	17G	70mm	0.9 x 600mm	Yes	5/50	60					Yes	681789
5Fr (16G)	300mm	16G	70mm	17G	70mm	0.9 x 700mm	Yes	5/50	46					Yes	681790
7Fr (14G)	150mm	16G	70mm	17G	70mm	0.9 x 500mm	Yes	5/50	159					Yes	681791
7Fr (14G)	200mm	16G	70mm	17G	70mm	0.9 x 600mm	Yes	5/50	149					Yes	681792
7Fr (14G)	300mm	16G	70mm	17G	70mm	0.9 x 700mm	Yes	5/50	136					Yes	681793
ARGON CAREFLOW™ DOUBLE LUMEN SETS WITH ARGON GUIDING SYRINGE															
5Fr (18G, 20G)	60mm	18G	60mm	17G	70mm	0.6 x 450mm	Yes	5/50	40			10		Yes	681781
5Fr (18G, 20G)	150mm	18G	60mm	17G	70mm	0.6 x 450mm	Yes	5/50	29			6		Yes	681782
5Fr (18G, 20G)	200mm	18G	60mm	17G	70mm	0.6 x 650mm	Yes	5/50	30			6		Yes	681783
7Fr (16G, 18G)	150mm	16G	70mm	17G	70mm	0.9 x 500mm	Yes	5/50	74			24		Yes	681771
7Fr (16G, 18G)	200mm	16G	70mm	17G	70mm	0.9 x 600mm	Yes	5/50	73			21		Yes	681772
7Fr (16G, 18G)	300mm	16G	70mm	17G	70mm	0.9 x 700mm	Yes	5/50	61			19		Yes	681773
ARGON CAREFLOW™ TRIPLE LUMEN SETS WITH ARGON GUIDING SYRINGE															
5Fr (18G, 20G, 20G)	60mm	18G	60mm	17G	70mm	0.6 x 450mm	Yes	5/50	40	10		12		Yes	681784
5Fr (18G, 20G, 20G)	100mm	18G	60mm	17G	70mm	0.6 x 450mm	Yes	5/50	32	7		8		Yes	681785
5Fr (18G, 20G, 20G)	150mm	18G	60mm	17G	70mm	0.6 x 450mm	Yes	5/50	29	5		6		Yes	681786
5Fr (18G, 20G, 20G)	200mm	18G	60mm	17G	70mm	0.6 x 650mm	Yes	5/50	26	5		5		Yes	681787
7Fr (16G, 18G, 18G)	150mm	16G	70mm	17G	70mm	0.9 x 500mm	Yes	5/50	66	22		23		Yes	681774
7Fr (16G, 18G, 18G)	200mm	16G	70mm	17G	70mm	0.9 x 600mm	Yes	5/50	59	16		17		Yes	681775
7Fr (16G, 18G, 18G)	300mm	16G	70mm	17G	70mm	0.9 x 700mm	Yes	5/50	53	11		9		Yes	681776
ARGON CAREFLOW™ QUAD LUMEN SETS WITH ARGON GUIDING SYRINGE															
8.5Fr (14G, 16G, 16G, 18G)	150mm	16G	70mm	17G	70mm	0.9 x 500mm	Yes	5/50	64	82	57	20		Yes	681777
8.5Fr (14G, 16G, 16G, 18G)	200mm	16G	70mm	17G	70mm	0.9 x 600mm	Yes	5/50	58	76	45	19		Yes	681778
ARGON CAREFLOW™ QUINT LUMEN SETS WITH ARGON GUIDING SYRINGE															
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	681779
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	681780

Description

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

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

Latex free

CE marked

Class III 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

Sterile double tray packaging for increased safety

Central Venous Catheters



Argon Hydrocath Assure™ Antimicrobial Coated Central Venous Catheters

Sterile, single use

External Diameter	Length	Cannula Introducer		Floswitch™ Introducer		Needle Introducer		Guidewire OD & Length	Secondary Fixation (SFD)	Box/Case Content (Units)	Flow Rate (ml/min)			Code without Floswitch™	Code with Floswitch™
		Gauge	Length	Gauge	Length	Gauge	Length				D	M2	P2	Floswitch™	Floswitch™
ARGON HYDROCATH ASSURE™ SINGLE LUMEN SETS															
5Fr (16G)	200mm	16G	70mm	N/A	N/A	17G	70mm	0.9 x 700mm		5/50	56			681161	
ARGON HYDROCATH ASSURE™ DOUBLE LUMEN SETS															
7Fr (16G, 18G)	200mm	16G	70mm	15G	70mm	17G	70mm	0.9 x 700mm	Yes	5/50	69	22		681152	681150
7Fr (16G, 18G)	300mm	16G	70mm	15G	70mm	17G	70mm	0.9 x 700mm	Yes	5/50	61	17		681153	681151
ARGON HYDROCATH ASSURE™ TRIPLE LUMEN SETS															
7Fr (16G, 18G, 18G)	150mm	16G	70mm	15G	70mm	17G	70mm	0.9 x 450mm	Yes	5/50	68	22	24	681157	681154
7Fr (16G, 18G, 18G)	200mm	16G	70mm	15G	70mm	17G	70mm	0.9 x 700mm	Yes	5/50	58	18	19	681158	681155
7Fr (16G, 18G, 18G)	300mm	16G	70mm	15G	70mm	17G	70mm	0.9 x 700mm	Yes	5/50	50	13	13	681159	681156

An innovative approach to risk management:

Argon 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, which facilitates the insertion of the catheter and reduces the potential adhesion of bacteria or formation of thrombus.

In addition, the Hydromer hydrophilic matrix is impregnated with the antimicrobial agent Benzalkonium Chloride (BZC). BZC is bactericidal against a broad spectrum of microorganisms which are known to colonise central venous catheters.

Argon Hydrocath Assure™ has been proven to reduce bacterial colonisation of catheters in critically ill patients¹.

Description

All of the above sets contain:

BZC impregnated and hydrophilic coated polyurethane catheter, Argon VenaGuide™ Seldinger wire advancing system with NiTiNol guidewire, needle introducer, vein dilator, secondary fixation device as shown and luer lock plugs.

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

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

Latex free

CE marked

Class III 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

Sterile double tray packaging for increased safety

¹ 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



Argon Hydrocath Assure™ Multi Lumen Antimicrobial Coated Central Venous Catheter Sets with Argon Guiding Syringe

Sterile, single use

External Diameter	Length	Cannula Introducer		Needle Introducer		Guidewire OD & Length	Secondary Fixation (SFD)	Box/Case Content (Units)	Flow Rate (ml/min)			With Guiding Syringe	Product Code
		Gauge	Length	Gauge	Length				D	M2	P2		
ARGON HYDROCATH ASSURE™ DOUBLE LUMEN SETS WITH ARGON GUIDING SYRINGE													
7Fr (16G, 18G)	150mm	16G	70mm	17G	70mm	0.9 x 500mm	Yes	5/50	71	23		Yes	681924
7Fr (16G, 18G)	200mm	16G	70mm	17G	70mm	0.9 x 600mm	Yes	5/50	69	22		Yes	681925
7Fr (16G, 18G)	300mm	16G	70mm	17G	70mm	0.9 x 700mm	Yes	5/50	61	17		Yes	681926
ARGON HYDROCATH ASSURE™ TRIPLE LUMEN SETS WITH ARGON GUIDING SYRINGE													
7Fr (16G, 18G, 18G)	150mm	16G	70mm	17G	70mm	0.9 x 500mm	Yes	5/50	68	22	24	Yes	681934
7Fr (16G, 18G, 18G)	200mm	16G	70mm	17G	70mm	0.9 x 600mm	Yes	5/50	58	18	19	Yes	681935
7Fr (16G, 18G, 18G)	300mm	16G	70mm	17G	70mm	0.9 x 700mm	Yes	5/50	50	13	13	Yes	681936

An innovative approach to risk management:

Argon 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, which facilitates the insertion of the catheter and reduces the potential adhesion of bacteria or formation of thrombus.

In addition, the Hydromer hydrophilic matrix is impregnated with the antimicrobial agent Benzalkonium Chloride (BZC). BZC is bactericidal against a broad spectrum of microorganisms which are known to colonise central venous catheters.

Argon Hydrocath Assure™ has been proven to reduce bacterial colonisation of catheters in critically ill patients¹.

Description

Multi Lumen Argon Hydrocath Assure™ with Argon Guiding Syringe set contents:

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

Latex free

CE marked

Class III 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

Sterile double tray packaging for increased safety

¹ Moss MA, Tebbs SE, Farouqi 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.

Arterial Catheters



Argon Arterial Catheters

Sterile, single use

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

Product	Catheter External Diameter	Length	Needle Introducer Gauge	Needle Introducer Length	Guidewire OD & Length	Box/Case Content (Units)	Priming Volume (ml)	Flow Rate (ml/min)	Product Code
ARGON CAREFLOW™ POLYURETHANE ARTERIAL CATHETER SETS									
Radial artery set	2.5Fr (22G)	60mm	22G	40mm	0.5 x 250mm	10/100	0.08	12.4	681631
Radial artery set	3Fr (20G)	60mm	22G	40mm	0.5 x 250mm	10/100	0.08	24.0	681646
Femoral artery set	3Fr (20G)	200mm	22G	40mm	0.5 x 450mm	10/100	0.14	15.4	681642
Femoral artery set	4Fr (18G)	200mm	17G	70mm	0.6 x 450mm	10/100	0.24	35.8	681648

Argon Careflow™ Polyurethane catheter set contents:

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

Product	Catheter External Diameter	Length	Needle Introducer Gauge	Needle Introducer Length	Guidewire OD & Length	Box/Case Content (Units)	Product Code
ARGON PTFE CATHETER MINI-SETS							
Radial artery set	2.7Fr (20G)	76mm	21G	25mm	0.021" x 250mm	10/-	498107
Radial artery set	4Fr (18G)	76mm	19G	38mm	0.028" x 250mm	10/-	498111
Femoral artery set	2.7Fr (20G)	150mm	21G	51mm	0.021" x 400mm	10/-	498101
Femoral artery set	4Fr (18G)	150mm	19G	57mm	0.028" x 400mm	10/-	498105

Argon PTFE catheter mini-set contents:

Argon radiopaque PTFE catheter, introducer needle and metal guidewire.

Product	Catheter External Diameter	Length	Needle Introducer Gauge	Needle Introducer Length	Guidewire OD & Length	Box/Case Content (Units)	Product Code
ARGON PTFE CATHETER SETS							
Radial artery set	2.7Fr (20G)	76mm	21G	25mm	0.021" x 250mm	10/-	498106
Radial artery set	4Fr (18G)	76mm	19G	38mm	0.028" x 250mm	10/-	498110
Femoral artery set	2.7Fr (20G)	150mm	21G	51mm	0.021" x 400mm	10/-	498100
Femoral artery set	4Fr (18G)	150mm	19G	57mm	0.028" x 400mm	10/-	498104

Argon PTFE catheter set contents:

Argon radiopaque PTFE catheter, introducer needle, metal guidewire, 1 x disposable towel, 1 x 5cc syringe, 1 x #11 mini scalpel, 3 x (4"x4") gauze sponges, 1 x (000) silk suture and 1 x 23cm PVC extension with stopcock.

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

Pulmonary Artery and Thermodilution Systems



Argon Percutaneous Sheath Introducer Sets

Sterile, single use

Argon Exacta™ Percutaneous Sheath Introducers for the Introduction of Pulmonary Artery Catheters.

Size*	Introducer Length	Cannula Introducer Gauge	Cannula Introducer Length	Needle Introducer Gauge	Needle Introducer Length	Guidewire OD & Length	Contamination Shield Length	High-Flow Stopcock	Syringe	Scalpel	Obturator	Box/Case Content (Units)	Product Code
6Fr	100mm	16G	70mm	17G	70mm	0.9 x 450mm	800mm	Yes	Yes	Yes	Yes	5/50	680128
7Fr	100mm	16G	70mm	17G	70mm	0.9 x 450mm	800mm	Yes	Yes	Yes	Yes	5/50	680140
8Fr	100mm	16G	70mm	17G	70mm	0.9 x 450mm	800mm	Yes	Yes	Yes	Yes	5/50	680126
Link Kit 8.5Fr	100mm	16G	70mm	17G	70mm	0.9 x 450mm	-	Yes	Yes	Yes	Yes	5/50	680132
8.5Fr	100mm	16G	70mm	17G	70mm	0.9 x 450mm	800mm	Yes	Yes	Yes	Yes	5/50	680124

* for introduction of 1Fr smaller size catheters

Argon Tuohy Borst Percutaneous Introducers for the Introduction of Pulmonary Artery Catheters.

Size*	Introducer Length	Guidewire OD & Length	Vessel Dilator	Stopcock	Box/Case Content (Units)	Product Code
6Fr	100mm	0.035" x 450mm	6Fr	Yes	10	496132
7Fr	100mm	0.035" x 450mm	7Fr	Yes	10	496133
8Fr	100mm	0.035" x 450mm	8Fr	Yes	10	496134
8.5Fr	100mm	0.035" x 450mm	8.5Fr	Yes	10	496135
9Fr	100mm	0.035" x 450mm	9Fr	Yes	10	496136

* for introduction of 1Fr smaller size catheters

Accessories

Description	Size/Length	Box/Case Content (Units)	Product Code
Septishield Catheter Sleeve	800mm	25	497302
Obturator for 5Fr-6Fr x 11cm Introducer Sheaths	5Fr	10	392404
Obturator for 7Fr-9Fr x 11cm Introducer Sheaths	7Fr	10	392403

A complete range of percutaneous sheath introducer systems

- Radiopaque FEP sheath with integral sidearm
- Tuohy Borst adapter and haemostasis valve
- Matched dilator with luer lock collar
- Individually packed and sterile
- Argon Exacta™ sets include a contamination shield with Tuohy Borst lock
- Two separately packaged sterile obturators supplied per box of 5 Argon Exacta™ sheath systems

How Argon percutaneous introducers can benefit you

- Radiopaque FEP sheath reduces risk of thrombus formation in situ
- Flexible hub minimises potential for kinking of introducers
- Suture point facilitates skin fixation
- Profiled sheath tip and matched dilator facilitates smooth, atraumatic insertion
- Dilator luer locking collar secures dilator to sheath hub during insertion

- Tuohy Borst adapter minimises catheter migration and improves catheter control
- Latex free, self-sealing haemostasis valve minimises risk of blood loss
- Argon Exacta™ sets include the Argon Venaguide™ Seldinger wire advancing device which allows single-handed wire insertion
- Argon Exacta™ sets include sterile double tray packaging for increased safety

Latex free (except part number 680132 which contains latex)

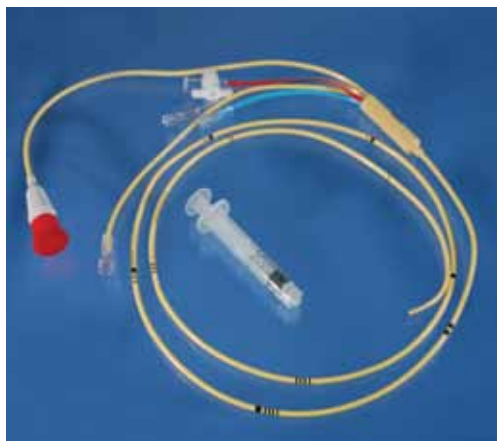
CE marked

Class III (Exacta) or Class IIa (Tuohy Borst) 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

Pulmonary Artery and Thermodilution Systems



Argon Criticath™ Pulmonary Artery Catheters for Monitoring Right Heart Pressures and Cardiac Output Measurements

Sterile, single use

Catheters for Monitoring Right Heart Pressures and Cardiac Output Measurement

Model	Size	Length	No. of Lumens	PA Wedge Pressure	CV Pressure	Cardiac Output	CVP Medic. port	Ventric. pacing	Heparinised	Additional Information	Box/Case Content (Units)	Product Code
SP5105H	5Fr	80cm	4	Yes	Yes	Yes			Yes		5/20	680084
SP5107	7Fr	110cm	4	Yes	Yes	Yes			No		5/20	680098
SP5107H	7Fr	110cm	4	Yes	Yes	Yes			Yes		5/20	680078
SP5107H-14	7Fr	110cm	4	Yes	Yes	Yes			Yes	Pre-mounted Luer-Lok™ AC shield	5/20	680088
SP5107+SP5045	7Fr	110cm	4	Yes	Yes	Yes			No	Pre-mounted In-Line Inject, sensor	5/20	680099
SP5107H+SP5045	7Fr	110cm	4	Yes	Yes	Yes			Yes	Pre-mounted In-Line Inject, sensor	5/20	680077
SP5127	7Fr	110cm	4	Yes	Yes	Yes			No	"S" shaped, to facilitate femoral insertion	5/20	680104
SP5127H	7Fr	110cm	4	Yes	Yes	Yes			Yes	"S" shaped, to facilitate femoral insertion	5/20	680089
SP5507	7Fr	110cm	5	Yes	Yes	Yes	Yes		No		5/20	680102
SP5507H	7.5Fr	110cm	5	Yes	Yes	Yes	Yes		Yes		5/20	680082
SP5507H-14	7.5Fr	110cm	5	Yes	Yes	Yes	Yes		Yes	Pre-mounted Luer-Lok™ AC shield	5/20	680093
SP5507HS	7.5Fr	110cm	5	Yes	Yes	Yes	Yes		Yes	"Soft" version	5/20	680080
SP5507+SP5045	7.5Fr	110cm	5	Yes	Yes	Yes	Yes		No	Pre-mounted In-Line Inject, sensor	5/20	680100
SP5537	7.5Fr	110cm	5	Yes	Yes	Yes		Yes	No		5/30	680106
SP5537H	7.5Fr	110cm	5	Yes	Yes	Yes		Yes	Yes		5/30	680081

Description

- A range of flow directed, balloon tipped catheters for both adult and paediatric use
- Use for monitoring right heart pressures and obtaining venous blood samples
- Thermodilution technique used to measure Cardiac Output
- Options include temporary ventricular pacing and 'S' tipped for femoral insertion
- Also available in hard and soft versions
- Individually packed, sterile and non-pyrogenic

How Argon Criticath™ can benefit you

- Rounded catheter tip design allows for smooth insertion and reduces risk of vessel trauma
- Heparin coating minimises risk of thrombus formation
- Strong circular lumen design reduces kinking and enhances pressure signal transfer
- Catheter depth markings facilitate accurate placement and catheter manipulation
- Smooth balloon/catheter junction reduces 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

Note: pulmonary artery balloon contains latex.

CE marked

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

Shelf life: 2 years

Sterilisation method: Ethylene Oxide

Pulmonary Artery and Thermodilution Systems



Argon Critikit™ Ice/Room Temperature Injectate Systems and Accessories

Sterile, single use

Closed Loop In-Line Injectate Systems for Improved Accuracy of Cardiac Output Measurement

Model	Description	Sterile	Box/Case Content (Units)	Product Code
SP4500	Ice/Room temperature Injectate Critikit (with in-line sensor, control syringe & cooling coil)	Yes	4/8	680000
	Ice/Room temperature Injectate Critikit (with in-line sensor and control syringe, without cooling coil)	Yes	5/20	680178
SP5045	In-line injectate sensor housing	Yes	25/250	680006
SY10-RP	10cc control syringe	Yes	10/50	682252

Description

- Available in both iced and room temperature injectate options
- Closed circuit design offers an aseptic approach to cardiac output measurement
- Individually packed, sterile, non-pyrogenic and latex-free
- Set comprises an injectate sensor housing with three way stopcock, one way check valve, 10cc control syringe, cooling coil, delivery tubing and IV spike

How Argon Critikit™ can benefit you

- Closed loop system reduces risk of line contamination
- Volume-restricted control syringe facilitates precise and reproducible injectate
- In-line injectate sensor optimises accuracy of temperature readings
- Syringe design allows smooth injectate action improving data validity

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

Non-Sterile Accessories

Model	Description	Sterile	Box/Case Content (Units)	Product Code
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	684056
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	684057
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	684062
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	684063

Latex free

CE marked

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

Disposable Pressure Transducer

Argon DTX Plus™ Disposable Pressure Transducer Sets Designed for ease of use and minimal wavelength distortion



Haemodynamic monitoring information is used to manage the care of critically ill patients. It is therefore essential that you are confident about the accuracy of the information that you are using. Fluid filled pressure monitoring systems will cause some distortion to the pressure waveform. Up to 40% distortion has been shown in some cases.¹

Accuracy in pressure monitoring isn't just dependent on the transducer, it's dependent on all the components in the pressure monitoring system; catheter, pressure tubing, monitor filter and stopcocks. It has been shown² that in order to know the accuracy of your system, you need to consider the performance of the total chain where all the components are linked together.

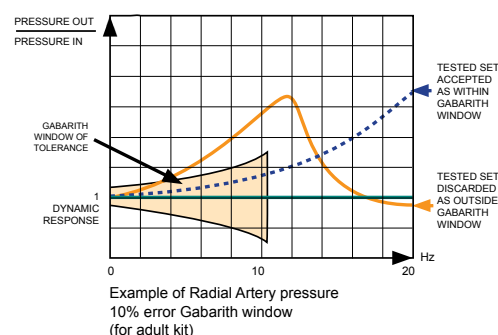
As a manufacturer we believe we have a responsibility to provide you with information about the accuracy of the whole monitoring system, not just the transducer. Therefore, Argon has selected a range of standard Argon DTX Plus™ sets which are Gabarith tested.²

The Argon Gabarith™ test remains the only scientific technique that provides information about the dynamic response performance of the total pressure monitoring system (total chain).

The Argon Gabarith™ test assesses the system against pre-set windows of error (2%, 5% and 10% waveform distortion). For example: If the dynamic response of a pressure chain falls within the 10% Gabarith window then we know the pressure waveform will not be distorted by more than 10%.³

Windows of tolerance are based on catheter tip sensor results (the 'gold' standard) using real patient data.

Every box of Argon DTX Plus™ pressure monitoring sets is stamped with the Argon Gabarith™ symbol. This shows that the set has passed the Argon Gabarith™ test and has a known level of accuracy. The Argon Gabarith™ test exceeds the demands of the AAMI standard (Association for the Advancement of Medical Instrumentation).



- References:
- 1 Anesthesiology 53: 498-504, 1980; British Journal of Anaesthesia 1987, 59, 901-912; European Academy of Anaesthesiology - Strasbourg Aug/Sep 1997 (Bender HJ, Billiet E et al).
 - 2 Billiet E, Colardyn F. (1998) Pressure Measurement Evaluation and Accuracy: The Gabarith Test. Intensive Care Medicine 24:1323-1326
 - 3 Assuming that the set has been set up and zeroed in accordance with manufacturing instructions

Argon DTX Plus™ Disposable Pressure Transducer Sets Specifications

Detail	Argon DTX Plus™ specifications
Environmental performance: a) storage temperatures b) operating temperatures c) humidity d) atmospheric pressure	-25°C to 70°C 15°C to 40°C 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/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, DTX Plus transducers:	2 – 4 cc/hr or 20 – 40cc/hr, depending on model, with an infusion pressure (difference) of 200mmHg.
Fast Flush Rate, DTX Plus transducers:	Min 50cc/min using a microdrip administration set with 60 inch of IV tubing with an infusion pressure (difference) of 200mmHg.
DTX Plus 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 Transducer



Argon DTX Plus™ Disposable Pressure Transducers

Sterile, single use

Argon offers a wide range of disposable transducers and transducer sets

Model	Description	Box/Case Content (Units)	Product Code
DT-XX	Disposable transducer with Critiflex integral flush device and stopcock (3cc/hr nominal flow rate)	10/100	682018
DT-NN	Disposable transducer for neonatal/paediatric uses, used in conjunction with a mechanical infusion pump (max. 30cc/hr flow rate)	10/100	682019
DT-XO	Disposable transducers with integral flush device without stopcock (3cc/hr nominal flow rate)	10/100	682020
TNF-R	Disposable transducer without integral flush device or stopcock, suitable for cardiology/neurology applications	10/100	682021

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

Stand alone Administration Sets

Description	Box/Case Content (Units)	Product Code
Single administration set with 15µ filter, angled cannula and roller clamp (red)	5/25	682209
Double administration set with 15µ filter, angled cannula and roller clamps (red/blue)	5/25	682210
Triple administration set with 15µ filter, angled cannula and roller clamps (red/blue/white)	5/25	682211

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

Disposable Pressure Transducer



Argon Gabarith™ Disposable Transducers Sets

Sterile, single use

Disposable Transducer Sets for the Invasive Monitoring of Haemodynamic Pressure

No. of disposable transducers	Flush/Flow Rate cc/Hr	Total Pressure Line Length	Pressure Line(s) Colour	Additional Information	Box/Case Content (Units)	Product Code
1	3	150cm	Clear	With Argon R.O.S.E.	5/50	682001
1	3	150cm	Clear		5/50	682002
1	3	150cm	Red		5/50	682004
1	3	150cm	Blue	With Argon R.O.S.E.	5/50	682005
1	3	150cm	Blue		5/50	682006
1	3	150cm	Yellow	Add-on set to set no. 682037, -38, -55	5/50	682008
1	3	175cm	Red	With Argon R.O.S.E.	5/20	682009
1	3	175cm	Red		5/50	682010
1	3	25cm	Clear	Velcro strap for arm mount	5/50	682011
1	3	150cm	Clear	With non-shunting stopcock and extension set	5/25	682017
1	30	160cm small bore	Clear	For use with infusion pump	5/50	682022
1	30	35cm small bore	Clear	For use with infusion pump	5/50	682025
2	3	150/150cm	Red/Blue	With Argon R.O.S.E. on blue line	5/25	682030
2	3	150/150cm	Red/Blue		5/25	682032
2	3	150/150cm	Red/Blue	With 3rd IV line for add-on set	5/25	682037
2	3	150/150cm	Blue/Yellow		5/25	682041
3	3	150/150/150cm	Red/Blue/Yellow		5/25	682046

Description

- Validation by unique Argon Gabarith™ accuracy test
- A range of Single, Double and Triple Disposable Transducer Sets
- Adult and Paediatric options.
- Argon Safedraw™ and Safedraw™-P closed loop arterial blood sampling system options available (please refer to next section)
- Argon R.O.S.E. (Resonance OverShoot Eliminator) included in selected sets
- Individually packed, sterile, non-pyrogenic and latex-free
- Adult pressure sets include rotating male luer for easy and trouble-free connection onto the catheter

How Argon Gabarith™ Sets can benefit you

- Unique Argon Gabarith™ testing of sets, using total haemodynamic chain concept, offers the opportunity for improved haemodynamic accuracy¹.
- Argon sampling and zeroing stopcocks with on/off snap for confirmation of stopcock positioning
- Designed straight fluid pathway minimises the risk of bubble entrapment and subsequent damping of signal

- Robust monitor connection prevents water penetration and offers back pressure calibration facility
- Unique Argon EasyVent™ zeroing deadender minimises risk of touch contamination
- Wide range of transducer set configurations covering neonatal to adult pressure monitoring requirements

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

¹ Billiet E., Colardyn F. Pressure Measurement Evaluation & Accuracy Validation: The Gabarith Test. Intensive Care Medicine (1998) 24: 1323-1326

Critical Care Systems

Pressure Transducer Sets



Argon Safedraw™ Safe Arterial Sampling Disposable Transducer Sets

Sterile, single use

Argon Safedraw™ safe arterial blood sampling systems significantly reduce unnecessary blood discard and blood spillage, thereby reducing the risk of iatrogenic anaemia and cross contamination to patients and staff. The system's easy-to-use, self-sealing, silicone septum facilitates easier blood sampling and superior clinical samples, thereby achieving more reliable laboratory values.

The Safedraw™ core-resistant septum helps to minimise exposure to pathogens by preventing non-sterile contact with the fluid path whilst enabling the taking of multiple samples. Unique Argon Gabarith™ testing of Safedraw™ sets, using total haemodynamic chain concept, offers the opportunity for improved haemodynamic accuracy.

Available in Single, Double, Triple and Argon 'Flexi' Disposable Transducer configurations, with Adult and Paediatric options, Safedraw™ systems are individually packed, sterile, non-pyrogenic and latex-free.

No. of Disposable Transducers	Flush/ Flow Rate (cc/Hr)	Total Pressure Line Length (cm)	Pressure Line(s) Colour	Additional Information	Safedraw Syringe Volume (cc)	Box/Case Contents (Units)	Product Code
1	3	155cm (125/30)	Clear	Single Admin Set. Single Transducer Set with Integrated Safedraw™ Septum (Red)	2cc	5/25	682051
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	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)	2cc	5/25	682054
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	682055
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	682056
1	3	190cm (160/30)	Red/Clear	Single Admin Set. Single 'Flexi' Transducer Set with Integrated Safedraw™ Septum (Red)	2.5cc	5/25	686337
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	686585
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	687714
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	682052
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	688077
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	688849

Argon Safedraw™ Accessories

Product Description	Model	Box/Case Content (Units)	Product Code
Safedraw™ Vacutainer Transfer Device	TA-STV	25/125	682158
Safedraw™ Luer-Lok Safe-Needle	TA-BPN	50/500	682159

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



Argon Safedraw™-P Safe Arterial Sampling
Disposable Transducer Sets

Sterile, single use

Argon 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 significantly reduce unnecessary blood discard and blood spillage, thereby reducing the risk of iatrogenic anaemia and cross contamination to patients and staff. The system's direct luer-slip access design facilitates easier blood sampling and superior clinical samples, thereby achieving more reliable laboratory values.

Unique Argon Gabarith™ testing of Safedraw™-P sets, using total haemodynamic chain concept, offers the opportunity for improved haemodynamic accuracy.

Available in Single, Double, Triple and Argon 'Flexi' Disposable Transducer configurations, with Adult and Paediatric options, Safedraw™-P systems are individually packed, sterile, non-pyrogenic and latex-free.

See product table on next page.

Argon Safedraw™-P Accessories

Product Description	Shelf Life	Box/Case Content (Units)	Product Code
Safedraw™-P Luer-lock Adapter System	5 Years	50/500	688446

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: 2 years

Sterilisation method: Ethylene Oxide

Critical Care Systems

Pressure Transducer Sets



Argon Safedraw™-P Safe Arterial Sampling Disposable Transducer Sets

Sterile, single use

No. of Disposable Transducers	Flush/ Flow Rate (cc/Hr)	Total Pressure Line Length (cm)	Pressure Line(s) Colour	Additional Information	Safedraw Syringe Volume (cc)	Septum Model	Box/Case Contents (Units)	Product Code
1	3	183cm (153/30)	Clear	Single Admin Set. Single Transducer Set with Integrated Safedraw™-P Septum (Red)	2cc	1 x Inline	5/20	688413
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	688410
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	688457
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	688538
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	688403
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	688407
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	5/20	688496
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	688416
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	688401
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	688604
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	688452
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	688528
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	688572
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	688481
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	688396
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	688389
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	688420
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	688406
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	688513
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	688408
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	688550
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	688600

Critical Care Systems

Pressure Transducer Sets



Argon DTX Plus™ Paediatric and Neonatal Disposable Transducer Sets

Sterile, single use

Argon DTX Plus™ 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 significantly reduce unnecessary blood discard and facilitate the safe return of diluted blood back to the infant, thereby safely conserving blood volume whilst reducing the risk of iatrogenic anaemia and cross contamination. The system's design facilitates easier blood sampling and superior clinical samples, thereby achieving more reliable laboratory values.

Unique Argon Gabarith™ testing of these Paediatric and Neonatal sets, using total haemodynamic chain concept, offers the opportunity for improved haemodynamic accuracy. Configured for use with an Infusion Pump, Argon DTX Plus™ Paediatric and Neonatal Transducer Systems are individually packed, sterile, non-pyrogenic and latex-free.

No. of Disposable Transducers	Flush/ Flow Rate (cc/Hr)	Total Pressure Line Length (cm)	Pressure Line(s) Colour	Additional Information	Safedraw Syringe Volume (cc)	Septum Model	Box/Case Contents (Units)	Product Code
1	30 (Paed Set)	160cm (150/10)	Clear	Single Paediatric Transducer Set For use with Infusion Pump	N/A	N/A	5/50	682022
1	30 (Paed Set)	35cm (25/10)	Clear	Single Paediatric Transducer Set For use with Infusion Pump	N/A	N/A	5/50	682025
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	682052
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	688077
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	688849
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	688408
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	688550
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	688600

Argon Safedraw™ and Safedraw™-P Accessories

Product Description	Shelf life	Box/Case Content (Units)	Product Code
Safedraw™-P Luer-lock Adapter System	5 Years	50/500	688446
Safedraw™ Vacutainer Transfer Device (TA-STV)	5 Years	25/125	682158
Safedraw™ Luer-Lok Safe-Needle (TA-BPN)	5 Years	50/500	682159

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 (for Standard and Safedraw™ sets)

2 years (for Safedraw™-P sets)

Sterilisation method: Ethylene Oxide

Critical Care Systems

Pressure Transducer Sets



Argon DTX Plus™ Flexi Disposable Transducer Sets

Sterile, single use

Argon DTX Plus™ Flexi Transducer Systems are a range of invasive pressure monitoring sets designed to improve Procurement stocking efficiency through facilitating appropriate set configuration selection whilst minimising unused set component wastage. 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, offering the adaptability of single, or multiple transducer set configurations, facilitates set selection, set-up time whilst minimising storage costs.

Available in Standard set format, Safedraw™ or Safedraw™-P Closed-loop, arterial blood sampling formats, Argon DTX Plus™ Flexi Transducer Systems are individually packed, sterile, non-pyrogenic and latex-free.

No. of Disposable Transducers	Flush/ Flow Rate (cc/Hr)	Total Pressure Line Length (cm)	Pressure Line(s) Colour	Additional Information	Safedraw Syringe Volume (cc)	Septum Model	Box/Case Contents (Units)	Product Code
1	3	175cm (150/25)	Red	Single Admin Set. Single 'Flexi' Arterial Transducer Set	N/A	N/A	5/25	686562
1	3	175cm (160/15)	Blue	No Admin Set. Single 'Flexi' Add-On Venous Transducer Set	N/A	N/A	5/25	686495
1	3	175cm (175)	Yellow	No Admin Set. Single 'Flexi' Add-On PA Transducer Set	N/A	N/A	5/25	686496
1	3	175cm (160/15))	Clear	No Admin Set. Single 'Flexi' Add-On Universal Transducer Set	N/A	N/A	5/25	686572
1	3	175cm (160/15)	Blue	Single Admin Set. Single 'Flexi' Venous Transducer Set	N/A	N/A	5/25	687715
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	686337
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	686585
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	687714
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	688396
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	688389
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	688420
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	688406
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	688513

Argon Flexi Safedraw™ and Safedraw™-P Accessories

Product Description	Shelf life	Box/Case Content (Units)	Product Code
Safedraw™-P Luer-lock Adapter System	5 Years	50/500	688446
Safedraw™ Vacutainer Transfer Device (TA-STV)	5 Years	25/125	682158
Safedraw™ Luer-Lok Safe-Needle (TA-BPN)	5 Years	50/500	682159

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 (for Standard and Safedraw™ sets)

2 years (for Safedraw™-P sets)

Sterilisation method: Ethylene Oxide



Argon RT2000 Reusable Transducer and Disposable Domes and Dome systems

Sterile, single use

Argon RT2000 Reusable Transducer and Disposable Domes and Dome Systems are engineered to improve cost efficiencies by reducing disposal costs and biological wastage generation whilst maintaining pressure waveform accuracy and reliability.

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

The one-handed 'snap-on' dry coupling system for engagement of the disposable sterile dome set with the Argon RT2000 reusable transducer system is simple and quick to perform, thereby minimising initial set-up time. The straight and visible fluid pathway enables the disposable dome to fill, bubble-free with minimal effort. The integrated flush device and venting EasyVent zeroing stopcock provide quick, effective fluid control.

Argon RT2000 systems are available in Flexi format and with the Safedraw™ and Safedraw™-P safe arterial blood sampling systems. These systems are designed to significantly reduce unnecessary blood discard and blood spillage, thereby reducing the risk of iatrogenic anaemia and cross contamination to patients and staff. 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 and superior clinical samples, thereby achieving more reliable laboratory values.

Available in Argon Standard and 'Flexi' Disposable Dome configurations, with Adult Safedraw™ and Safedraw™-P options, Argon RT2000 Dome systems are individually packed, sterile, non-pyrogenic and latex-free.

See product table on next page.

Argon RT2000 Reusable Transducer Specifications

Detail	Argon RT2000 Transducer specifications
Operating pressure:	-30 to 300 mmHg
Overpressure withstand	5,170 mmHg
Nominal sensitivity (gain):	5 μ V/V/mmHg
Linearity:	$\pm$ 1% over 0-50 mmHg
Hysteresis:	$\pm$ 3% over 50-300 mmHg
Unbalance (zero balance):	+40 mmHg
Thermal coefficient of sensitivity (typical):	$\pm$ 1% / °C
Thermal coefficient of zero (typical):	$\pm$ 3% mmHg / °C
Leakage:	<5 μ A 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

Critical Care Systems

Pressure Transducer Sets



Argon RT2000 Reusable Transducer and Disposable Domes and Dome systems

Sterile, single use

No. of Disposable Domes	Flush/ Flow Rate (cc/Hr)	Total Pressure Line Length (cm)	Pressure Line(s) Colour	Additional Information	Safedraw Syringe Volume (cc)	Model	Box/Case Contents (Units)	Product Code
N/A	N/A	N/A	N/A	Argon RT2000 reusable pressure transducer	N/A	RT2000	10/100	682266
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	682263
1	N/A	N/A	N/A	RT2000 Disposable dome without integral flow/flush device or Zeroing Stopcock	N/A	DD2000	10/100	682265
1	3	175cm (150/25)	Clear	Single Admin Set. Single RT2000 'Universal' Dome Set	N/A	N/A	5/25	686958
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	687886
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	686961
1	3	175cm (160/15)	Blue	No Admin Set. Single 'Flexi' RT2000 Add-On Venous Dome Set	N/A	N/A	5/25	687887
1	3	175cm (175)	Yellow	No Admin Set. Single 'Flexi' RT2000 Add-On PA Dome Set	N/A	N/A	5/25	687888
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	688397
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	688546

Argon RT2000 Safedraw™ and Safedraw™-P Accessories

Product Description	Shelf life	Box/Case Content (Units)	Product Code
Safedraw™-P Luer-lock Adapter System	5 Years	50/500	688446
Safedraw™ Vacutainer Transfer Device (TA-STV)	5 Years	25/125	682158
Safedraw™ Luer-Lok Safe-Needle (TA-BPN)	5 Years	50/500	682159

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 (for Standard and Safedraw™ sets)

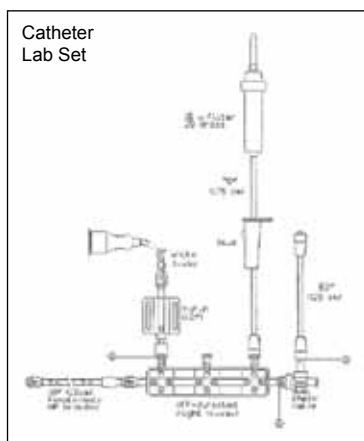
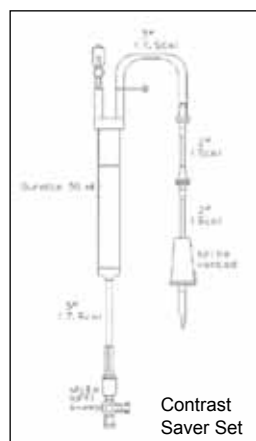
2 years (for Safedraw™-P sets)

Sterilisation method: Ethylene Oxide

Note: RT2000 Reusable Transducer Unit is provided non-sterile and with one year's manufacturer's warranty

Critical Care Systems

Pressure Transducer Sets



Argon Cardiac Catheterisation Laboratory DTX Plus™ Transducer Set Configurations

Sterile, single use

Argon Cardiac Catheterisation Laboratory DTX Plus™ Transducer Set Configurations

With a choice of high quality pressure monitoring and fluid management components to choose from, Argon's range of Cardiac Cath Lab Transducer sets are designed to meet the challenges and requirements of your cardiac catheterisation laboratory.

Where accurate pressure readings are vital, Argon's long history in pressure monitoring and transducer development, dating back to the first reusable transducer in 1946, has resulted in the Argon DTX Plus™ transducer set options.

With ease of priming and de-bubbling, with 'standard' and 106cm (42") cable option and a choice of flush and no-flush versions, the Argon DTX Plus™ transducer sets facilitate accurate pressure monitoring within the Cath Lab environment. Argon high pressure manifolds are supplied with a choice of 'Open' or 'Finger grip' (Block) design, 2, 3 or 4 ports, and having either 'Left' or 'Right' rotating adapter to best meet specific procedural needs and physician preferences.

Manifolds designed with tight tolerances, low torque and smooth port rotation and manifold Distal Rotating Adapter facilitates easy catheter manipulation. Choice of 'Open' or 'Block' body design and clear polycarbonate body for easy bubble visualisation, the manifolds construction will withstand injections and are rated at 500 psi.

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

Argon Control Syringes are available with choice of 'Thumb Ring' or 'Palm Pad' design, 'Finger Ring' vs 'Finger Grip', and 10cc vs 12cc volume options to best suit most Clinical Needs and hand sizes. Control syringe low friction plunger provides for a smooth injection, bold volume markings facilitate accurate volume injections, whilst the clear polycarbonate body provides a sturdy syringe able to withstand any hand pressure whilst facilitating for easy bubble visualisation. 10cc or 12cc volume options for larger handed use.

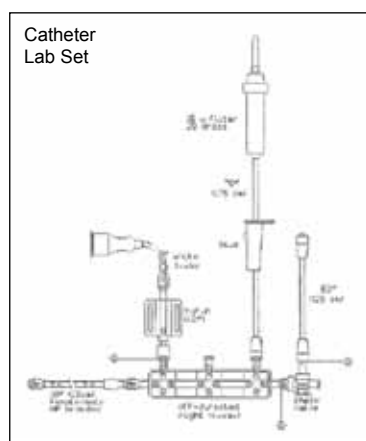
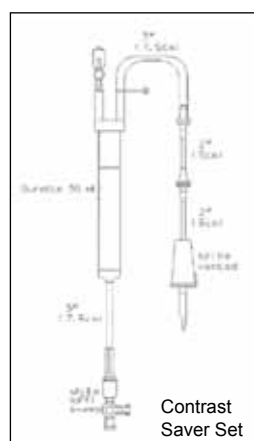
Choice of syringe Palm Pad designs, including 'soft touch' options, allows for full force palm injections and thumb ring design facilitates aspirations and injections whilst choice of finger grip or ring style to meet most clinical needs.

Contrast Saver Administration set options available to reduce Contrast wastage and reduce risk of air entering the system. Argo-Bagz™ 1,500ml PVC bag Waste Management System options, High Pressure stopcocks (850 psi rated) and other componentry also available to enhance kit functionality. Argon Cardiac Catheterisation Laboratory DTX Plus™ Transducer Set Configurations are available as 'Off-the-shelf' options. (Other Cath Lab configurations and Custom kit configuration options are available on request.)

See product table on next page.

Critical Care Systems

Pressure Transducer Sets



Argon Cardiac Catheterisation Laboratory DTX Plus™ Transducer Set Configurations

Sterile, single use

Disposable Transducer Model	Flush/ Flow Rate (cc/Hr)	Manifold	Pressure Line(s) Colour	Additional Information	Check Valves	Contrast Syringe	Box/Case Contents (Units)	Product Code
DTX Plus™ TNF-R with 106cm transducer cable	No Flush	3-way, 360° 'off-directed', right orientated, block body, Rotating Adapter	25cm High Pressure braided	Argon Cath Lab set with DTX Plus™ 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	688759
N/A	N/A	N/A	N/A	Argon Contrast Saver Kit with 30ml burette and white stopcock. (For use with DTX Plus™ Manifold Cath Lab Kits)	N/A	N/A	5/25	688758
DTX Plus™ DT-XX	3cc/hr	2-way 'on-directed', right orientated, block body, Rotating Adapter	75cm Clear	Argon Cath Lab set with DTX Plus™ 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	686331
DTX Plus™ DT-XX	3cc/hr	N/A	150cm Red	Argon Cath Lab set with DTX Plus™ 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	686549
DTX Plus™ TNF-R	No Flush	2-way 360° 'off-directed', right orientated, block body, Rotating Adapter	150cm Clear	Argon 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 DTX Plus™ 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	686132
DTX Plus™ DT-XX	3cc/hr	N/A	25cm, 30cm and 75cm Clear	Argon Cath Lab set with DTX Plus™ DT-XX pressure transducer with administration set (15 micron filter), 75cm Clear pressure line, High Pressure stopcock with 30cm Clear pressure line and 25cm Clear pressure line and High Pressure Rotating Adapter	N/A	N/A	5/25	686237
DTX Plus™ DT-XX	3cc/hr	2-way 'on-directed', right orientated, block body, Rotating Adapter	150cm Clear	Argon Cath Lab set with DTX Plus™ 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	688744
DTX Plus™ TNF-R	No Flush	3-way 'on-directed', right orientated, block body, Rotating Adapter	130cm Clear, 120cm High Pressure	Argon Cath Lab set with DTX Plus™ 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	688709
DTX Plus™ TNF-R	No Flush	N/A	130cm Clear	Argon Cath Lab set with DTX Plus™ 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	688143
DTX Plus™ DT-XX	3cc/hr	N/A	100cm Clear	Argon Cath Lab set with 10ml Contrast Syringe. Separately packaged DTX Plus™ 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	687699

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: Dependent on kit contents

Sterilisation method: Ethylene Oxide

Lines and Pressure Accessories



Argon Pressure Lines & Pressure Accessories

Sterile, single use

Male/Female or Male/Male Line Connection	Tubing Length	Line Colour Coding	Box/Case Content (Units)	Priming Volume (cm/cm)	Tube Diameter		Product Code
					Inner (mm)	Outer (mm)	

ARGON PRESSURE LINES (PVC)

M/F	25cm	Clear	25/125	0.019	1.575 (± 0.076)	3.175 (± 0.051)	682226
M/F	100cm	Clear	25/125	0.019	1.575 (± 0.076)	3.175 (± 0.051)	682229
M/F	150cm	Clear	25/125	0.019	1.575 (± 0.076)	3.175 (± 0.051)	682230
M/F	200cm	Clear	25/125	0.019	1.575 (± 0.076)	3.175 (± 0.051)	682232
M/M	100cm	Clear	25/125	0.019	1.575 (± 0.076)	3.175 (± 0.051)	682234
M/M	150cm	Clear	25/125	0.019	1.575 (± 0.076)	3.175 (± 0.051)	682079
M/M	200cm	Clear	25/125	0.019	1.575 (± 0.076)	3.175 (± 0.051)	682236
M/F	100cm	Red	25/125	0.019	1.575 (± 0.076)	3.175 (± 0.051)	682237
M/F	150cm	Red	25/125	0.019	1.575 (± 0.076)	3.175 (± 0.051)	685185
M/M	125cm	Blue	25/125	0.019	1.575 (± 0.076)	3.175 (± 0.051)	685190
M/M	150cm	Blue	25/250	0.019	1.575 (± 0.076)	3.175 (± 0.051)	685171
M/F	150cm	Yellow	25/125	0.019	1.575 (± 0.076)	3.175 (± 0.051)	686619

ARGON CONNECTA PE PRESSURE MONITORING LINES (PolyEthylene)

M/F	15cm	Clear (Red/Blue Stickers)	25/250	0.011	1.20 (± 0.05)	2.50 (+ 0.1/- 0.05)	682194
M/F	50cm	Clear (Red/Blue Stickers)	25/250	0.011	1.20 (± 0.05)	2.50 (+ 0.1/- 0.05)	682185
M/F	100cm	Clear (Red/Blue Stickers)	25/250	0.011	1.20 (± 0.05)	2.50 (+ 0.1/- 0.05)	682189
M/F	150cm	Clear (Red/Blue Stickers)	25/250	0.011	1.20 (± 0.05)	2.50 (+ 0.1/- 0.05)	682191
M/F	200cm	Clear (Red/Blue Stickers)	25/250	0.011	1.20 (± 0.05)	2.50 (+ 0.1/- 0.05)	682192
M/M	50cm	Clear (Red/Blue Stickers)	25/250	0.011	1.20 (± 0.05)	2.50 (+ 0.1/- 0.05)	682186
M/M	100cm	Clear (Red/Blue Stickers)	25/250	0.011	1.20 (± 0.05)	2.50 (+ 0.1/- 0.05)	682190
M/M	200cm	Clear (Red/Blue Stickers)	25/250	0.011	1.20 (± 0.05)	2.50 (+ 0.1/- 0.05)	682193

Description

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

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

Model	Description	Box/Case Content (Units)	Product Code
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PRESSURE ACCESSORIES (Non-Sterile)

TBG	Transducer BackGround for pole mounting (up to 4 transducers)	10/100	682093
TMM	Snap-On TMM Cable Organiser	5/50	682274
TMM/TBG	TBG with Snap-On TMM Cable Organiser (P/Ns 682093, 682274)	5/50	682275
Cable Checker	Transducer tester for monitor calibration	1	684003
UMM	Universal Manifold Mount	5/50	682104

Pressure Transducer Sets



Argon Transducer Interface Cables

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

When purchasing cables please specify:–

1. Monitor type.
2. Model number and/or serial number.

- Non-sterile items
- Latex free
- CE marked
- Class I according to European Medical Devices Directive 93/42/EEC as amended by Directive 2007/47/EC

Monitor	Model	Product Code
No Monitor Connection	(Flying Leads) Shield: Dependent on Monitor. Black: + Signal; White: - Signal. Green: + Excitation; Red: - Excitation	684109
Criticon / GE Marquette	Dynamap	684085
Datascope / Mindray	All Models (Passport, Accutorr, CS100/CS300 IABP)	684078
Dräger	PM8040, PM8060, Dräger Cato, Cicero & Julian Anes. Machine, Vitara	684128
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	684082
Dräger / Siemens	SC6000P, 6002, 5000, 6004, 7000, Infinity Gamma, Infinity Delta, Infinity Kappa, Infinity Vista all with 7 pin connector	684178
Dräger / Siemens	Hemo Pod Adapter (One adapter for each Hemo2 Pod and two for each Hemo4/HemoMed Pod)	684236
E for M	RM300 (E for M/Honeywell)	684128
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	684104
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	684102
Jostra		684138
Kontron, Arrow	Minimon 7131 etc., 7132 etc., K2000, 7272 / Supermon 7210 / Cart 2 Plus Balloon Pump, Oxford ACAT1	684129
Marquette (GE)	7000 Series, 7010 Mod 7200	684096
Mindray	PM8000, PM7000, PM9000, Spectrum; MEC Series; Passport/Spectrum	684085
Mindray	BeneView T5, T8, T1; IPM (8, 10, 12); BeneHeart D6	684081
Nellcor	Escort 300 MDE	684085
Nihon Kohden	MFV1100, 1200, 1230A; Lifescope 8, 9, 11, 12, 14, BSM-8300J/K, 3000, BSM4100	684090
Nihon Kohden	NK9000	JP-900P
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	684081
Physiocontrol/Medtronic	Lifepack 12 (6 pin)	684230
Protocol Propaq	Protocol Propaq series; Propaq 106EL	684085
Prucka Eng. Inc.	Cardiolab II / 1.1, AMP II	684181
Spacelabs	Series 400, 500, 90308/11/31, MOD-CD	684085
Spacelabs (Viatek) / BCI	400, 500, 90485, Alpha-PC, 90603A, BCI 9100, 90303B-Mod90470-05, CD-CV, 90369, 90385, 90470, 90496, Ultraview 1600	684227
Stöckert (Sorin)	S3 / S5	684188
Stöckert (Sorin)	Heart Lung Machine	684243
Tektronics	400 Series	684085
Vitalert	2000	684085
Viatek	Series 400, 500	684085
Welch Allyn	1500	684085
Zoll	Zoll Defibrillators	684085

Pressure Transducer Sets

684078 - 6 Pin F - LF



Datascope/Mindray – All Models
Passport, Accutorr, CS100/CS300 IABP

684081 – 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

684082 – 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 – 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*

684090 – 5 Pin M - LF



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

684096 – 8 Pin M - LF



GE / Marquette
7000 series, 7010, Mod 7200

Pressure Transducer Sets

684102 - 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*

684128 – 10 Pin M - LF



E for M/Honeywell

RM300

Dräger

*PM8040, PM8060, Dräger Vitara, Cato, Cicero &
Julian Anes. machine,*

Philips

CM140

684104 – 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*

684129 – 12 Pin M - LF



Kontron, Arrow

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

684109 – Pin N/A - LF



No Monitor Connection ('flying lead')

Wiring Guide:

Green: (+) Excitation Voltage

Red: (-) Excitation Voltage

Black: (+) Signal

White: (-) Signal

Shield: Dependant on monitor specification

684138 – 5 Pin M



Jostra

(Heart pump)

Pressure Transducer Sets

684178 – 7 Pin M - LF



Dräger/Siemens

SC6000P, 6002, 5000, 6004, 7000, Infinity Gamma, Delta, Kappa, Vista all with 7 pin connector

684181 – 8 Pin M



Prucka Eng Inc.

CARDIOLAB II / 1.1, AMP II

684188 - 4 Pin M



Stöckert (Sorin)

S3, S5

JP - 900P (OTCN KB559)



Nihon Kohden

NK9000

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

684236 – 15 Pin M



Dräger/Siemens

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

684243 – 4 Pin M - LF



Stöckert (Sorin)

Heart Lung Machine

Pressure Transducer Sets

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 Argon 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 Argon 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 Argon Critikit Injectate Set or SP5045 Sensor Housing

684063

Model: SP4046



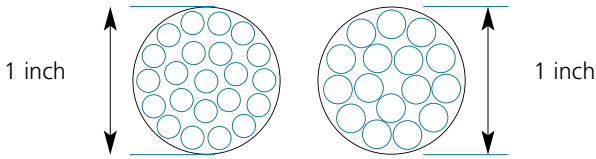
In-Line Injectate Sensor Cable

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

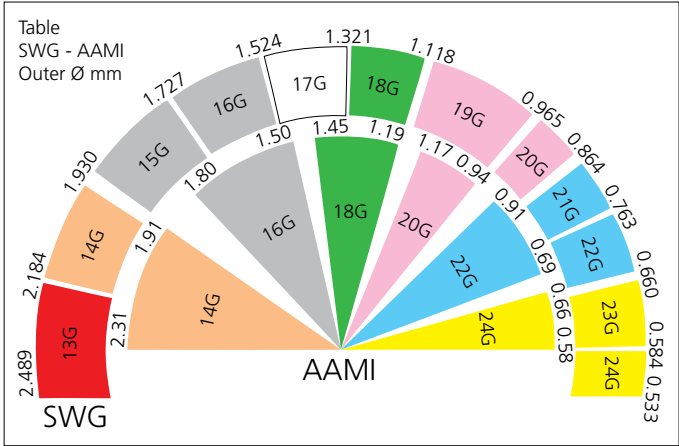
Cannulae/Catheter Conversions

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



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.



Argon's multi lumen catheter (Careflow™) hub colour coding differentiates the lumens and not the catheter gauge, i.e.

white	○ proximal
brown	● tip
blue	● middle