



Cardiovascular Product Catalog

October 2010





Mission:

Through customer focused change and innovation we will be the most respected and successful provider of healthcare products and services as viewed by our customers and employees.

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Ordering Cardiovascular Products

To place your order for any product, the following methods are available:

Call our Customer Service Representatives at:

- 888.307.1144
- 8:00 a.m. - 8:00 p.m. Eastern Standard Time

Fax:

- 269.629.5770

E-mail:

- customerservice@surgemedical.com

Mail orders or confirmation documents to:

- 8850 M-89
- Richland, Michigan 49083

Prices do not include shipping charges. All prices are FOB Richland, Michigan.

Orders for the next day delivery must be received by 3:00 p.m. Eastern Standard Time.

Limited Warranty and Disclaimer of Liability

Surge Medical Solutions' products ("Product") are manufactured under carefully controlled conditions and Surge Medical warrants the Product will perform in accordance with its labeling, and will be free from significant defects in material and workmanship under normal use for one year from the date of shipment.

Surge Medical Solutions' sole liability shall be limited to replacement of, or credit for, any Product returned to Surge Medical and which Surge Medical determines, in its sole discretion, to have been defective in either material or workmanship at the time of shipment. Surge Medical has no control over the conditions under which the Product is handled or used by third parties. THEREFORE, SURGE MEDICAL SOLUTIONS DISCLAIMS ALL WARRANTIES, BOTH EXPRESS AND IMPLIED, WITH RESPECT TO THE PRODUCT, INCLUDING BUT NOT LIMITED TO ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. SURGE MEDICAL SOLUTIONS SHALL NOT BE LIABLE TO ANY PERSON OR ENTITY FOR ANY MEDICAL EXPENSES OR DAMAGES CAUSED BY ANY USE, DEFECT, FAILURE OR MALFUNCTION OF THE PRODUCT, WHETHER A CLAIM FOR SUCH DAMAGES IS BASED UPON WARRANTY, CONTRACT, TORT OR OTHERWISE. NO PERSON HAS ANY AUTHORITY TO BIND SURGE MEDICAL SOLUTIONS TO ANY REPRESENTATION OR WARRANTY WITH RESPECT TO THE PRODUCT.

The exclusions and limitations above are not intended to and should not be construed as intending to contravene mandatory provisions of applicable law. If any part of this Limited Warranty and Disclaimer of Liability is held to be unenforceable or in conflict with applicable law by a court of competent jurisdiction, the validity of the remaining portions shall be enforced as if this Limited Warranty and Disclaimer of Liability did not contain the part held invalid.

General Terms And Conditions

Prices:

Subject to change without prior notice. All applicable taxes will be charged. All prices are quoted FOB shipping point. The minimum shipping quantity is one full carton of any single item.

Payment:

Net 30 days or per contract.

Freight:

All orders are shipped for delivery regular ground, standard 5-7 business days, unless otherwise requested. Shipping is not included in the price of the product and is invoiced with shipment. If merchandise has been damaged in transit, please notify your shipper; then contact Customer Service [888.307.1144] for further instructions.

Returned Goods Policy

1. Returns will be accepted up to 90 days from the date of invoice. Products returned between 30 and 90 days will be charged a 25% re-stocking fee. Customer account will be credited accordingly. Returns will not be accepted after 90 days from date of invoice.
2. Alliant Healthcare is committed to providing quality products and service. Therefore, we will accept for full credit any return of product that:
 - a) Is a result of an error by Alliant Healthcare.
 - b) Does not perform satisfactorily for the purposes and indications described in the labeling.
3. Authorization is required for all returns and may be obtained through Customer Service. A Returned Goods Authorization (RGA) number will be issued and this number must be referenced on all returned packages. Freight on all returns must be prepaid by the customer except for returns listed in Section 2.
4. The following merchandise is not acceptable for return:
 - a) Sterile items that are returned without the manufacturing seals intact.
 - b) Special order products.
 - c) Partial cartons or kits.
 - d) Product within 13 months of expiration date.
5. As part of an ongoing effort to improve the quality of our products, please return any defective product for evaluation. Credit or replacement will be issued by Surge Medical Solutions upon receipt of the defective product.
6. Call Alliant Healthcare at 888.307.1144 for any other customer service or technical information questions.

Antegrade Cardioplegia Cannulae



Antegrade Cardioplegia Cannulae	Catalog Number	Quantity Per Box
12Ga (9Fr), with Insertion Needle, 14Ga	ANT-1012S	20
14Ga (7Fr), with Insertion Needle, 16Ga	ANT-1014S	



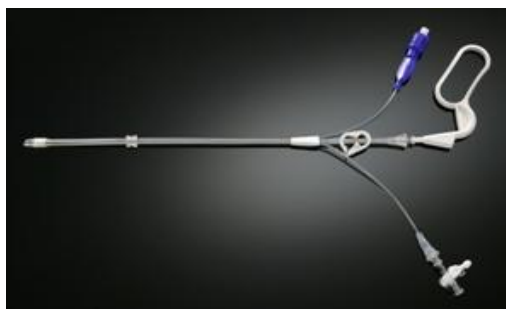
Antegrade Cardioplegia Cannulae - Vent Line	Catalog Number	Quantity Per Box
12Ga (9Fr), with Vent Line & Insertion Needle, 14Ga	ANT-2012S	20
14Ga (7Fr), with Vent Line & Insertion Needle, 16Ga	ANT-2014S	

Retrograde Cardioplegia Cannulae with Sure-Touch™ Handle

Manually Inflating

Sure-Touch™ Handle Benefits

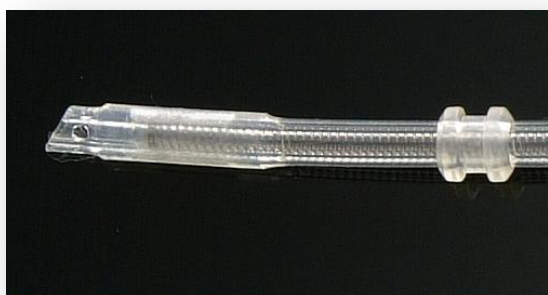
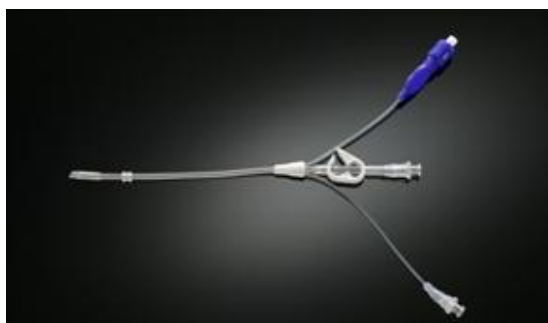
- Easily adapts to multiple existing cannula placement techniques
- Excellent cannula tip control
- Excellent tactile response
- Easier cannula placement in coronary sinus



Retrograde Cardioplegia Cannulae - Manually Inflating	Catalog Number	Quantity Per Box
With manually inflating balloon, rigid insertion stylet, Sure-Touch Handle, 15Fr	RMH-0015S	
With manually inflating balloon, stopcock in the pressure line, rigid insertion stylet, Sure-Touch Handle, 15Fr	RMH-1015S	5
With manually inflating textured balloon, stopcock in the pressure line, rigid insertion stylet, Sure-Touch Handle, 15Fr	RMH-T015S	

Retrograde Cardioplegia Cannulae

Manually Inflating



**Manually Inflating Balloon
Close-Up**

Retrograde Cardioplegia Cannulae - Manually Inflating	Catalog Number	Quantity Per Box
With manually inflating balloon and rigid insertion stylet, 10Fr	RMR-0010S	
With manually inflating balloon and guidewire insertion stylet, 10Fr	RMG-0010S	5
With manually inflating balloon, without stylet, 10Fr	RMN-0010S	
Retrograde Cardioplegia Cannulae - Manually Inflating		
With manually inflating balloon and rigid insertion stylet, 15Fr	RMR-0015S	
With manually inflating balloon and guidewire insertion stylet, 15Fr	RMG-0015S	5
With manually inflating balloon, without stylet, 15Fr	RMN-0015S	
Retrograde Cardioplegia Cannulae - Manually Inflating		
With manually inflating balloon, stopcock in the pressure line, and rigid insertion stylet, 15Fr	RMR-1015S	
With manually inflating balloon, stopcock in the pressure line, and guidewire insertion stylet, 15Fr	RMG-1015S	5
Retrograde Cardioplegia Cannulae - Manually Inflating		
With manually inflating textured balloon, stopcock in the pressure line, and rigid insertion stylet, 15Fr	RMR-T015S	
With manually inflating textured balloon, stopcock in the pressure line, and guidewire insertion stylet, 15Fr	RMG-T015S	5
With manually inflating textured balloon, stopcock in the pressure line, without stylet, 15Fr	RMN-T015S	

Retrograde Cardioplegia Cannulae with Ultra Sof-Tip™ & Sure-Touch™ Handle

Self-Inflating

Sure-Touch™ Handle Benefits

- Easily adapts to multiple existing cannula placement techniques
- Excellent cannula tip control
- Excellent tactile response
- Easier cannula placement in coronary sinus



Retrograde Cardioplegia Cannulae – Self-Inflating

With self-inflating medium balloon (18mm) and rigid insertion stylet with Sure-Touch handle, 10.5" length, 15Fr

Catalog Number

RSH-M014S

Quantity Per Box

5

With self-inflating medium balloon (18mm) and rigid insertion stylet with Sure-Touch handle, 12.5" length, 15Fr

RSH-M014S-L

Retrograde Cardioplegia Cannulae - Self-Inflating Textured Balloon

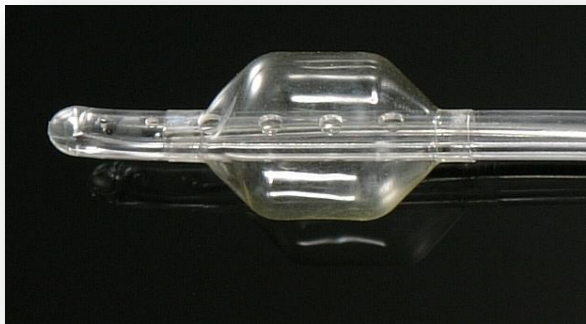
With self-inflating textured medium balloon (18mm) and rigid insertion stylet with Sure-Touch handle, 10.5" length, 15Fr

RSH-T014S

5

With self-inflating textured medium balloon (18mm) and rigid insertion stylet with Sure-Touch handle, 12.5" length, 15Fr

RSH-T014S-L

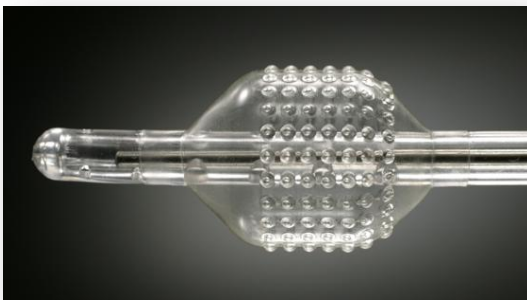


Smooth Balloon Close-Up

Retrograde Cardioplegia Cannulae with Ultra Sof-Tip™ Self-Inflating



Retrograde Cardioplegia Cannulae - Self-Inflating	Catalog Number	Quantity Per Box
With self-inflating medium balloon (18mm) and rigid insertion stylet, 10.5" length, 15Fr	RSR-M014S	
With self-inflating medium balloon (18mm) and rigid insertion stylet, 12.5" length, 15Fr	RSR-M014S-L	
With self-inflating medium balloon (18mm), guidewire insertion stylet, 10.5" length, 15Fr	RSG-M014S	5
With self-inflating medium balloon (18mm), guidewire insertion stylet, 12.5" length, 15Fr	RSG-M014S-L	



**Ultra Sof-Tip and
Textured Balloon Close-Up**

Retrograde Cardioplegia Cannulae - Self-Inflating Textured Balloon	Catalog Number	Quantity Per Box
With self-inflating textured medium balloon (18mm) & rigid insertion stylet, 10.5 - 12.5" length, 15Fr	RSR-T014S RSR-T014S-L	5
With self-inflating textured medium balloon (18mm) & guidewire insertion stylet, 10.5 - 12.5" length, 15Fr	RSG-T014S RSG-T014S-L	

Retrograde Cardioplegia Cannulae - Self-Inflating Without Stylet	Catalog Number	Quantity Per Box
With self-inflating medium balloon (18mm) & no stylet, 10.5 - 12.5" length, 15Fr	RSN-M014S RSN-M014S-L	5
With self-inflating textured medium balloon (18mm) & no stylet, 10.5 - 12.5" length, 15Fr	RSN-T014S RSN-T014S-L	

Cardiac Suckers



Intracardiac Sucker

**Catalog
Number**

**Quantity
Per Box**

Flexible, fluted tip, 1/4" (6.4mm) connector;
14.5" (36.8cm) length

SUC-0840S

20



Fluted tip, 1/4" (6.4mm) connector; 13"
(33cm) length

SUC-4300S



Mini sucker; soft tip with side ports, 1/4"
(6.4mm) connector; 9" (22.9cm) length

SUC-4991S

Perfusion Sets



Perfusion Set

Coronary perfusion, Y-type, 13.5" length
(34.3cm)

PER-1004S

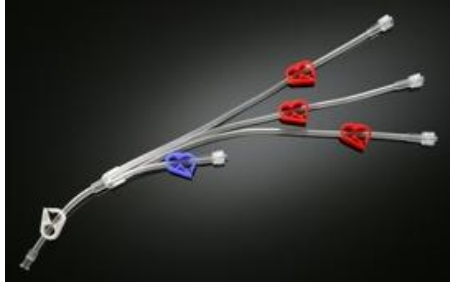
20



Venting, Y-type, 7.5" length (19cm) with
color-coded clamps

PER-1005S

Perfusion Sets

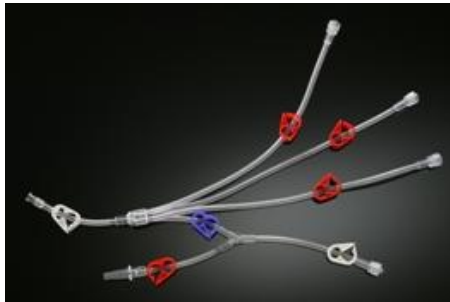


Multiple Perfusion Set

15" length (38.1cm); One 3" arm (7.6cm), Three 10" arms (25.4cm); color-coded clamps, male luer locks, female infusion connector

Catalog Number
PER-1400S

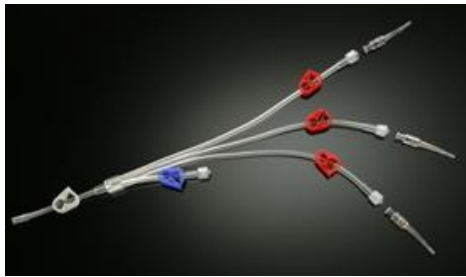
Quantity Per Box
10



With vent line; 15" length (38.1cm); color-coded clamps, male luer locks, female infusion connector

PER-1401S

10



Multiple perfusion set (PER-1400S) 17.5" length (44.5cm) with Three free-flow cannulae (PER-3003S), male luer locks, female infusion connector

PER-1407S

10



Multiple perfusion set (PER-1400S) 17.5" length (44.5cm) with Three one-way cannulae (PER-3001S), male luer locks, female infusion connector

PER-1408S

10



Antegrade/Retrograde Perfusion Set with self-adhesive high-flow stopcock base

PER-1301S

10



Straight with capped Vent, 5" length (12.7cm)

PER-1001S


20

Re-circulation, Y-type with capped Vent, 8" length (20.3cm) with color-coded clamps

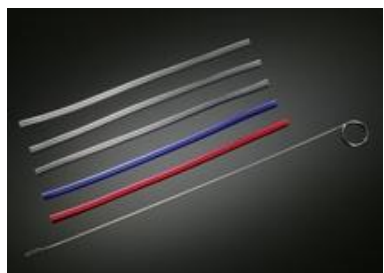
PER-1003S

20

Vessel Cannulae

	Accessories	Catalog Number	Quantity Per Box
	Perfusion cannula, one-way, 3mm blunt tip	PER-3001S	40
	Perfusion cannula, free-flow, 3mm blunt tip	PER-3003S	40
	Vessel cannula, opaque, 3mm blunt tip	PER-3006S	40
	Vessel cannula, rigid, 3mm blunt tip	PER-3007S	40
	Vessel cannula, rigid, 3mm beveled tip	PER-3008S	40
	Vessel cannula, stainless steel, 1mm bulb tip, Internal Coronary Cannula	PER-3009S	20
	Vessel cannula, Guyton soft tip IMA needle, 1.5mm	PER-3015S	10
	Blunt tip, free-flow	213-0251	
	Blunt tip, free-flow (twin pack)	213-0252	
	Beveled tip, free-flow	213-0253	
	Blunt tip with check valve	213-026	25
	Beveled tip with check valve	213-027	
	Blunt tip, free-flow, with luer extension	213-028	

Cardiovascular Surgery Accessories



Tourniquets

Pediatric tourniquet kit with Snare; 1 red, 2 blue, 3 clear, 5.5" length (14cm)

Catalog Number
TOU-7903S

Adult tourniquet kit with Snare; 1 red, 1 blue, 7" length (18cm)

TOU-7904S

Vena caval tourniquet kit with Snare; 3 clear, 7" length (18cm)

TOU-7905S

Complete adult tourniquet kit with Snare; 1 red, 1 blue, 3 clear, 7" length (18cm)

TOU-7906S

Quantity Per Box

40



Cardiac Insulation Pads

Adult cardiac insulation pad

ACIP

Pediatric cardiac insulation pad

PCIP

20



Phrenic nerve pad

PNP



Coronary Artery Retraction Clips

Coronary artery retraction clip, 3mm

CAR-1613S

Coronary artery retraction clip, 5mm

CAR-1615S

10

Cardiovascular Surgery Accessories



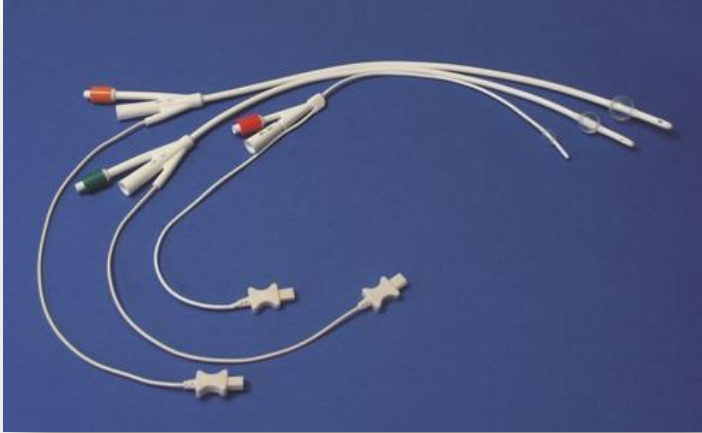
Suction Safety Device / One-Way Vent Valves			
Suction safety device	SSD-100AS	20	
Suction safety device with tubing set	SSD-100EX	10	
Adjustable	213-030	25	
Non-adjustable	213-035	25	

Suture Guide



Suture Guides	Catalog Number	Quantity Per Box
Straight edge, 1-pack	213-010	25
Straight edge, 3-pack	213-013	4
Curved suture guide, 1-pack	SUT-010	25
Curved suture guide, 3-pack	SUT-013	4

Temperature Sensing Foley Catheter Kits – Adult & Pediatric



	5cc balloon - Adult	Catalog Number	Quantity Per Box
12Fr		210-0012	
14Fr		210-0014	25
16Fr		210-0016	
18Fr		210-0018	
	3cc balloon - Pediatric		
8Fr		210-0008	25
10Fr		210-0010	
	Adapter Cable (Reusable)		
	1/4" standard connector, 10ft	210-510	1
	Hewlett-Packard connector, 10ft	210-511	

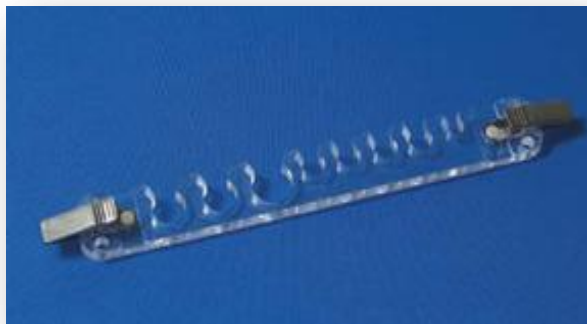
Temperature Sensing Foleys available in a variety of insertion kit options, with & without pre-attached urinometers.

Myocardial Temperature Probe

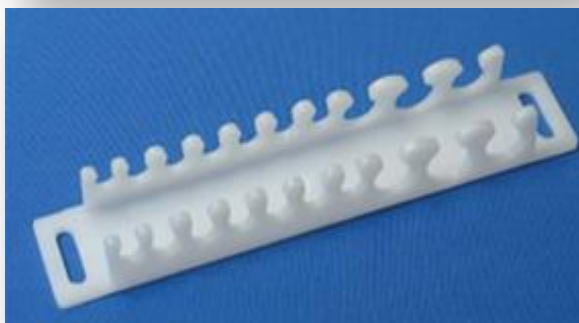


Myocardial Temp Probes	Catalog Number	Quantity Per Box
15mm	215-015	
30mm	215-030	25
44mm	215-044	

Tubing Organizer



Tubing Organizers	Catalog Number	Quantity Per Box
8-hole	213-002	
10-hole	213-003	25
8-hole w/ two swivel drape clips	213-004	
Pediatric, 14-hole	TUB-P001	



Alliant Healthcare Products Overview

Alliant Healthcare Products is an ISO 13485 certified and a certified Service-disabled Veteran-owned small business (SDVOSB) that designs, develops, manufactures, and markets products for the global healthcare market. Alliant Healthcare also provides custom assembly, packaging, and manufacturing for acute care hospitals, government, and original equipment (OEM) for private label customers.

Alliant Healthcare formally began manufacturing operations on September 1, 2002 and acquired Surge Medical Solutions™ in April 2010. Alliant Healthcare positions its engineering, manufacturing, and marketing expertise to be a significant provider of high quality, low-cost healthcare products. The company uses lean manufacturing techniques to drive cost out of manufacturing products.

The company manufactures and sells three distinct product lines: Cardiovascular, Urology, and Wound Drainage. Alliant promotes and sells its cardiovascular products under the Surge Medical Solutions™ name. These products include Antegrade & Retrograde Cardioplegia Cannulae, Perfusion Accessories, Temperature Monitoring Devices, and Suture Guides. Its Urology and Wound Drainage lines are sold under the Alliant TruChoice™ name, including Foley Catheters and Kits, Urinometers, and BaroVac® Wound Drainage Systems.

Because of its certified Veteran-owned small business status, Alliant Healthcare is uniquely positioned to help prime contractors meet U.S. Government contracting requirements. Any company contracted for more than \$500,000 with the U.S. Government must submit a subcontract plan prior to being awarded the contract. These subcontracts are required to include small businesses such as SDVOSBs. These goals are expected to significantly emphasize the special relationship between the U.S. Government and Veterans. At no other time in our nation's history have incentives been so strong for doing business with companies under veteran ownership.



A SERVICE-DISABLED VETERAN-OWNED SMALL BUSINESS

Ownership:

Alliant Healthcare Products is a privately held medical manufacturer. The company is solely owned by Bob Taylor. Mr. Taylor was an active duty B-52 Navigator/Bombardier and flew 11 combat missions during the Gulf War where he was awarded the U.S. Air Force's Air Medal.



SURGE[™]
MEDICAL SOLUTIONS



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