



# ARTERIOUS<sup>TM</sup>

TOGETHER THROUGH LIFE...

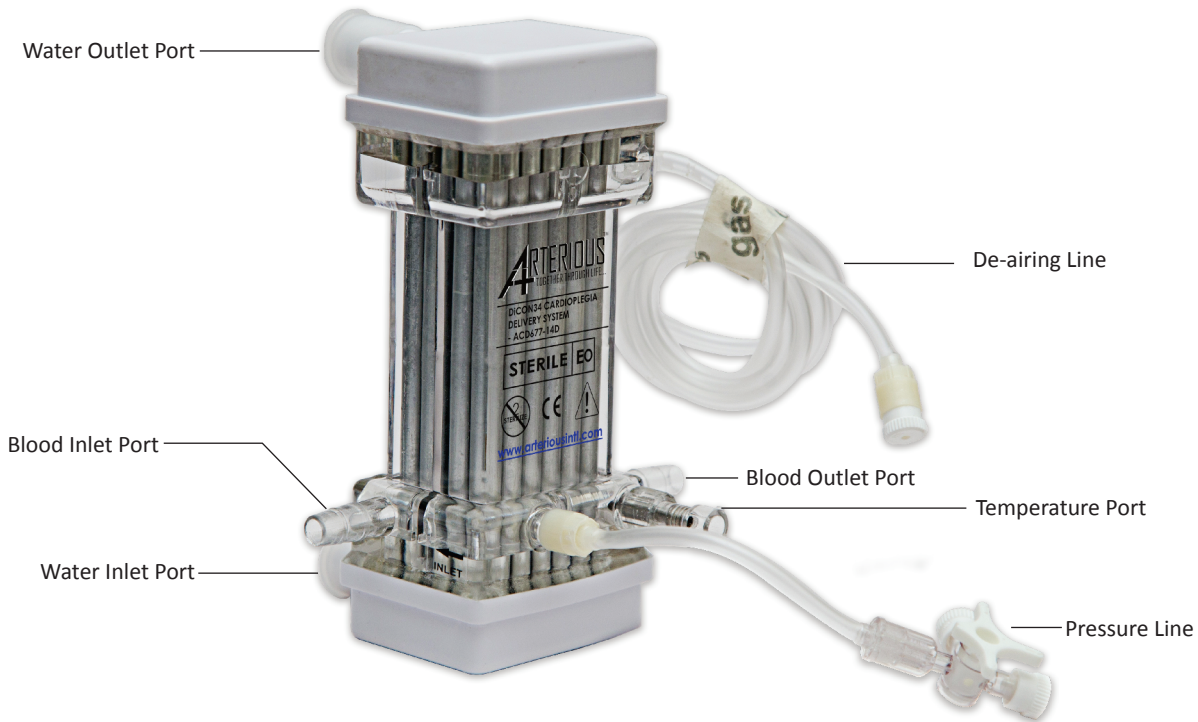


**DiCON34<sup>TM</sup> CARDIOPLEGIA DELIVERY SYSTEM**

## DiCON34™ CARDIOPLEGIA DELIVERY SYSTEM

The ARTERIOUS™ DiCON34™ cardioplegia delivery system with an improved heat exchanger module/unit delivers the desired performance in its segment.

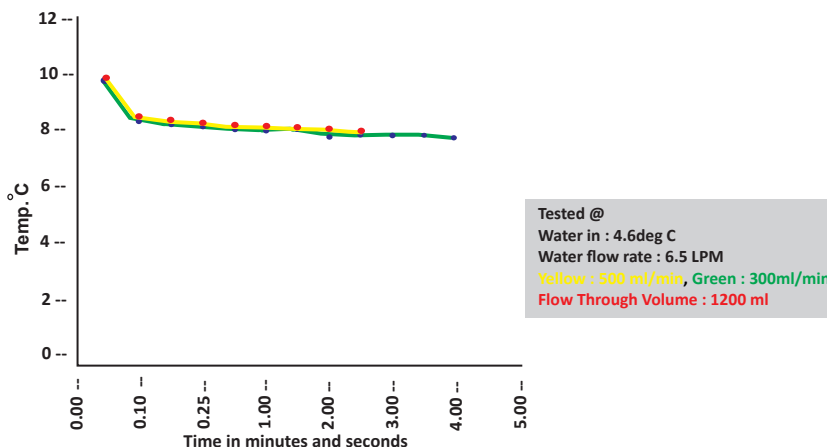
The ARTERIOUS™ DiCON34™ System is designed and developed considering all the essential aspects related to cardioplegia systems i.e. rapid priming efficiency, higher coefficient of heat exchange, lower priming volume and pressure drop(flow resistance), and sufficient capacity to trap gross air.



### Productive Features

- Vertically straight water channels for effective cooling of perfusate
- Rapid and efficient priming with lower priming volume of 34 ml only
- Integral Air Trap which limits the potential for air embolization
- Easy and Accurate monitoring of solution temperature
- Flat and small profile for better grip and handling
- Clear Polycarbonate housing enhances visibility
- Customized delivery lines

### COOLING PERFORMANCE OF DiCON34™



ARTERIOUS™ DiCON34™ Cardioplegia Delivery System with its potentially effective design integrated with desirable productive features collectively ensures its efficiency leading to the best of prolonged cardiac arrest and adequate myocardial protection.

### Technical Specification

<b>Heat Exchanger Material</b>	Ceramic coated Aluminium tubes
<b>Surface Area</b>	0.067 m <sup>2</sup> / 677cm <sup>2</sup>
<b>Cardioplegia Solution inlet</b>	1/4"(6.4mm)
<b>Cardioplegia Solution outlet</b>	1/4"(6.4mm)
<b>Water ports</b>	Hansen Coupler, 1/2"(12.7mm)
<b>Temperature Detection</b>	YSI 400 Series port
<b>Blood Flow Range</b>	10 -3000 mL/min
<b>Recommended Blood flow rate</b>	Up to 300mL/min
<b>Priming Volume (device only)</b>	34 ml
<b>Maximum Rated Pressure*, Blood side</b>	40kPa / 0.4bar / 5.80psi / 300mmHg
<b>Maximum Rated Pressure*, Water side</b>	350kPa / 3.5bar / 50.7psi / 2625.2mmHg

### Ordering Info

Product Code	Description	Units per Carton/Pack
<b>ACD677-1441</b>	DiCON34™ Cardioplegia Set (1:4 & 4:1 Blood to Crystalloid) <b>Interchangeable Blood and Crystalloid Lines</b>	6
<b>ACD677-41A</b>	DiCON34™ Cardioplegia Set for Adult (4:1 Blood to Crystalloid) with Bridge between Blood and Crystalloid Lines	6
<b>ACD677-41P</b>	DiCON34™ Cardioplegia Set for Pediatric (4:1 Blood to Crystalloid) with Bridge between Blood and Crystalloid Lines	6
<b>ACD677-14D</b>	DiCON34™ Cardioplegia Set (1:4 Blood to Crystalloid) with Bridge between Blood and Crystalloid Lines	6
<b>ACD677-00C</b>	DiCON34™ Cardioplegia Set Direct Cardioplegic Solution Infusion	6

### Accessories for DiCON34 Cardioplegia Set

Product Code	Description	Units per Carton/Pack
<b>BH-01</b>	Basic Holder for module	1
<b>AI-998</b>	Isolator Line	10



# PRODUCT CATEGORIES

To guide you towards better solutions...

## CARDIOVASCULAR

BLOOD CARDIOPLEGIA DELIVERY SYSTEM  
FILTERS  
EXTRACORPOREAL CIRCUIT PRODUCTS  
RESERVOIR  
SUCTION PRODUCTS



## ANESTHESIOLOGY

- SILICONE RESUSCITATORS/AMBU BAG
- RUBBER RESUSCITATORS/ BLACK AMBU BAG
- RESUSCITATION KIT FACE MASK (SILICONE RE USABLE)
- FACE MASK (DISPOSABLE)
- REBREATHING BAGS
- ANESTHESIA CIRCUITS
- VENTILATOR CIRCUITS (DISPOSABLE)
- VENTILATOR CIRCUITS (SILICONE RE USABLE)
- VENTILATOR HEATED WIRE CIRCUITS
- AIRWAY MANAGEMENT
- INTUBATION MANAGEMENT
- LARYNGOSCOPE
- FIBER OPTIC LARYNGOSCOPE
- MANUAL SUCTION UNIT
- CPAP & NASAL MASK SYSTEM
- AIR FILTER MANAGEMENT
- FLOW METER & REGULATORS
- ANESTHESIA ACCESSORIES



## SURGICAL WEARS AND DRAPES

### CARDIAC KITS & DRAPES

- CVTS KIT & ACCESSORIES
- ANGIOPLASTY KIT & ACCESSORIES
- PPI KIT & ACCESSORIES

### ORTHOPEDIC KITS & DRAPES

- ARTHROSCOPY KIT
- T.H.R. / T.K.R KIT
- LAMINO SPINAL KIT
- ORTHOPEDIC ACCESSORIES

### GYNECOLOGY KITS & DRAPES

- LSCS PACK
- NORMAL PACK
- ABDOMINAL HYSTERECTOMY PACK
- HYSTEROSCOPY PACK
- IVF PACK
- DILATION & CURETTAGE PACK
- GYNECOLOGY ACCESSORIES