

- The SIII is Stöckert's third-generation perfusion system. Its development has taken the latest technological advances into consideration.
- The SIII is designed as a complete modular system and can be configured individually according to requirements.
- The SIII is designed for excellent ergonomoy. From the perfusionist's position all controls, displays, the pump heads, the data management system, the heater-cooler system and all disposable devices are easy to keep in sight and to operate. This will give you excellent comfort in working with the SIII, which is hard to find elsewhere.



## The SIII ENCORE Control Panel:



The SIII ENCORE Control Panel houses the display modules and is available in a 6 position or 10 position configuration. The Control Panel can be mounted on any of the three vertical masts of the SIII ENCORE. The display modules can be positioned in any available slot for ultimate configuration flexibility.

## Central Display Module:



The central display module is always positioned in the lower right portion of the control panel and is used to set the user defined parameters such as alarm limits and pump configuration. Large LED's display the measured values and status of the sensors. All controls and parameters, including the SCP, are interfaced through the central display module.

## SIII ENCORE Pumps:

The pumps are the basic components of the SIII ENCORE Perfusion System. They are mounted on the pump table and connected to the E/P pack. Two types are available: The SIII ENCORE Roller Pump is mainly used for arterial blood flow, for suction and for venting. The SIII ENCORE Double Head Pump combines two roller pumps in one housing. The two pumps can be run and operated together or separately and are mainly used for applications with low flow rates, such as pediatric perfusion. They are also well suited for cardioplegia pumps or for suction and venting.



## SIII ENCORE MAST Pump Module:

The SIII ENCORE double head pump on an oval holder can be mast mounted in order to reduce tubing lengths. The mast mounted pump is controlled via the control unit on the base of the SIII ENCORE. The mast pump module makes it possible to place the tubing set and oxygenator close to the patient to achieve reduced priming volumes.



## SIII ENCORE Tubing Inserts:

Tubing inserts are available for all tubing sizes. They are inserted in the tubing clamp block of the pump heads and guarantee optimum flow rates. The cardioplegia inserts provide the safe operation of two different tubing diameters on one of the SIII Encore Roller Pumps at the same time. They are available for flow ratios from 1:1 up to 8:1.



## SIII ENCORE variolock tubing clamp module:

The “Variolock” tubing clamp module has been especially designed to facilitate the handling and insertion of tubing. By using the appropriate tubing clamp inserts, either single or dual lines (e.g. for the delivery of cardioplegia) can be inserted into the roller pump head.



## Dual Pressure Control:



The SIII ENCORE features two pressure control channels which provide two adjustable pressure limits each (stop limit and regulated pressure) with visual and acoustic alarm. Measure and display positive and negative pressure values from  $-200$  mmHg to  $+800$  mmHg. Display read-out either in mmHg or kPa

## Temperature Monitor:

The temperature monitor can measure and display up to four temperature values simultaneously.

## Level Control:

The level control is used to monitor the blood level in the oxygenator or reservoir.



### Medinnova Systems Pvt. Ltd.

Formerly Soma Tech Pvt. Ltd  
Regd Office: E-114 GIDC – Savli  
Manjusar - Savli Road, At. Po.  
Manjusar - 391 775, Tal. Savli. Dist., Vadodara, Gujarat - India  
Phone: +91-2667-264737  
sales@medinnovasystems.com | www.medinnovasystems.com

