



Features

- Modular perfusion system
- Three single heads & one double head
- Includes:
 - Level
 - Temperature
 - Cardioplegia
 - Timer
 - Two Pressure monitors

Typical Manufacturer's Image



Sorin Stocket Shiley SIII Heart Lung Machine

Specifications

Technical Data	SIII Roller Pump	SIII Double Head Pump
Pumps		
Speed range	0-250 RPM	0-250 RPM
Speed accuracy	± 1% related to max. speed 250 RPM	± 1% related to max. speed 250 RPM
Direction of Rotation	Clockwise and Clockwise	Clockwise and Clockwise
Flow rate at 250	RPM 1/4" tubing: 0 to 3.29 LPM 3/8" tubing: 0 to 6.98 LPM 1/2" tubing: 0 to 11.3 LPM	1/4" tubing: 0 to 1.6 LPM 5/16" tubing: 0 to 2.28 LPM
Connectivity		
Pump head raceway	0.03 mm	0.03 mm
Occlusion	0.03 mm	0.03 mm
Pump rollers	0.015 mm	0.015 mm
Pump head raceway dia.	150 mm	85 mm
Pump rollers dia,	30.5 mm	15 mm
Supply voltage	24 V DC via central power supply	24 V DC via central power supply
Power Consumption	160 W max.	100 W max.
Dimensions (wxhxd)	315 x 200 x 585 mm	315 x 200 x 585 mm
Weight	17.5 kg	17 kg
Safety	IPX 1 (drip proof)	IPX 1 (drip proof)
Operating temperature	+ 10°C to + 40°C	+ 10°C to + 40°C
Storing temperature	0°C to + 40°C	0°C to + 40°C
Dual Pressure Control		
Operating voltage	+5 V	
Power consumption	3 W	
Measurement range	-200 mmHg to +800 mmHg or 26.7 kPa to 106.7 kPa	
Resolution	1 mmHg	
Accuracy	± 5 mmHg	
Mean value sampling time	1 second	
Zero point adjustment range	± 100 mmHg	
Gain adjustment range	± 20%	



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Note: The technical data given in this publication is for general information and are subject to change without notice. Actual configuration on the unit may vary. Contact our sales representatives for a complete list of details.

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Specifications

Technical Data			
Timer			
Operating voltage	+5 V		
Power consumption	3 W		
Counting range Timer 1	0 - 9 min 59 sec or 0 - 9 h 59 min (selectable)		
Counting range Timer 2-3	0 - 9 h 59 min		
Temperature Monitor			
Operating voltage	+5 V		
Power consumption	3 W		
Measurement range	0°C to + 50°C		
Resolution	0.1°C		
Accuracy	± 0.2°C		
Display refresh rates	1 Hz		
Level Control			
Operating voltage	+5 V		
Power consumption	1.5 W		
Accuracy of the stop limit	Level display of the sensor holder ±10 mm		
Overall Dimensions			
Product	Width	Depth	Weight
3-pump console	790 mm	648 mm	118 kg
4-pump console	990 mm	648 mm	144 kg
Height (floor to pump control panel): 700 mm			



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