

Complete four-pump open heart system.

Computer-aided monitoring offers you the best patient management system available.

- » Easy-to-use system with a simple design
- » Bright touch screen logically organizes information for easy access
- » Sarns Centrifugal system integrates with safety system and central display
- » Built for reliability and durability
- » Indicated for use in extracorporeal circulation of blood for arterial perfusion, regional perfusion, and cardiopulmonary bypass procedures



 Certified Refurbished

Technical Specifications

Electrical Power Supply

Voltage 90-100V~ (100 V, nominal),
103.5-126.5 V ~ (220-240 V, nominal)
Frequency 50/60 Hz
Amperage 16 A (100 or 115 V~),
8 A (220 or 240 V ~)
Leakage current 100 µA maximum
Ground resistance 0.1 ohm maximum

Transportation

Unit may be transported up or down an incline up to 15 degrees without tipping.

Tubing

Use flexible polyvinyl chloride (PVC) tubing or other medical grade tubing that is approximately indicated by tubing manufacturer for use in roller pumps. Select the tubing according to the additional specifications:

Pump Tubing Size Maximum outer diameter:
3/4" (19m)
Wall thickness range 1/16" to 3/32"
(1.6 to 2.4 mm)
Recommended durometer range 58-58
Air Sensor Tubing 1/4 air sensor requires
clear, flexible PVC tubing of
1/4" (6.4 mm) I.D. x 1/16" (1.6 mm) wall.
3/8 air sensor requires clear, flexible PVC tubing of
3/8" (9.5 mm) I.D. x 3/32" (2.4 mm) wall
Line Occluder Tubing Minimum size of
1/4" (6.4 mm) I.D. x 1/16" (1.6 mm) wall;
maximum size of
1/2" (12.7 mm) I.D. x 3/32" (2.4 m) wall
Gas Outlet Tubing 1/4" (6.4 mm) I.D.

Gas Supply

Use only medical grade gases (e.g. compressed air, 95% oxygen and 5% CO₂, 100% CO₂ and 100% oxygen) at inlet pressures of 50 psi ± 10 psi (345 kPa ± 69 kPa).

Probe

YSI (Yellow Springs Instrument) 400 series temperature probes or an equivalent probe indicated by the manufacturer. Sarn Pressure Transducers are specified because they have a detection range of -50 to 999 mmHg; they may be used with any dome, which is compatible with the Spectramed P23XL. If equivalent pressure probes are used and the pressure peaks exceed the probe detention meet AAMI standards for physiologic pressure probes and will require an adapter cable.

Physical Specifications

Console

Height 25.3" (64.3 cm)
Width 45.3" (115.1 cm)
Depth 24" (61 cm)
Weight ... Approximately 31 lbs (14.5 kg)/roller pump;
total system 470 lbs (213 kg)

Pump

Height 8" (20.3 cm)
Width 8-3/4" (22.2 cm)
Depth 14" (35.6 cm)

Central Display

Height 10.5" (26.7 cm)
Width 14.1" (35.8 cm)
Depth 3.2" (8.1 cm)