3.6 Technical Specifications

3.6.1 Pump Operating Specifications

I.E.C. Equipment Classification: Patient Applied, continuous operation with intermittent loading as Class 1, Type BF per IEC 601-1, UL2601-1 and CUL601.1.

Medical electrical equipment with respect to electric shock, fire, electromagnetic compatibility, mechanical and other specified hazards only in accordance with UL 60601-1, CAN/CSA C22.2 No. 601.1, IEC 606-1-1-2 and IEC 60601-1, 2nd Edition including amendments 1 and 2, 18FF.

Typical Operating Requirements:	
Input Voltage:	90 - 240 VAC
Frequency:	50/60 Hz
Maximum Current:	1 A
Line Frequency Leakage:	Less than 100ma
Fuses:	1.0 A, Slow Blow, 5 x 20 mm
Fluid Pressure Ranges:	
Arthroscopy:	Set point range 30-150 mmHg (Factory default at 40 mmHg) Pressure display range is 0 to 180 mmHG ±20%
Laparoscopy:	Set point range 10-100% (0-1800 ml/min. Factory default 100%) Fluid flow range is 0 to 1800 ml/min ±20%
Dimensions:	7.75” (W) x 6.5” (H) x 8.0” (D) 19.7 cm (W) x 16.5 cm (H) x 20.3 cm (D)
Weight:	7.0 lbs. (3.15 kg)

NOTE: This pump contains electronic components and may require special handling for end-of-life disposal. Refer, for example, to Directive 2002/96/EC (WEEE guidelines) for disposal in the European Union or other local guidelines regarding disposal of electronic components.

3.6.2 System Environmental Requirements

Operating:

Ambient Operating Temperature:	+ 50°F to 104°F (+ 10°C to + 40°C)
Relative Humidity:	30% to 75%
Atmospheric Pressure:	700 hPa to 1060 hPa

Transport and Storage:

Ambient Temperature:	- 40°F to 158°F (- 40°C to + 70°C)
Relative Humidity:	10% to 100% noncondensing
Atmospheric Pressure:	500 hPa to 1060 hPa

3.6.3 Power Cord Requirements

115 VAC:

Use only a listed (UL, CSA) detachable power cord manufactured to the following specifications.

- Plug End - NEMA 5-15P hospital grade, 15 amps, 125V
- Receptacle End - IEC 320/CEE-22, 6 amps, 250V/15 amps, 125V
- Cord - UL style SJT, 18 AWG, 3 conductor

230 VAC

- Plug End
  - Molded straight PVC plug with double grounding system
  - DIN 49441, CEE 7/U11, 10/16A, 250V
  - CEBEC, DEMKO, KEMA, NEMKO, OVE, SEMKO, VDE, UTE, FEMKO
- Receptacle End
  - Molded straight PVC plug
  - DIN 49457, CEE 22/V, 10A, 250V
  - VDE, D, N, S, SEV, OVE, KEMA
- Cord
  - PVC, 7.2mm diameter
  - 10A, 250V
  - Conductors: 3 x 1 mm^2
  - Conductor Colors - brown, blue, green/yellow stripe