**Environmental Requirements**

**Operating Temperature**
10 to 35°C (50 to 96°F)

**Operating Humidity**
30 to 80% rH, non-condensing, Pressure: 70 – 106 kPa

**Heat Dissipation**
4712 BTU/hour + 300 Btu for each person.
Without lights, other equipment etc.

**Storage Temperature**
-10 to 50°C (-14 to 122°F)

**Storage Humidity**
30% - 80% rH, non-condensing, Pressure: 70 – 106 kPa

**Lighting**
Combination lighting system (dim/bright) is recommended. Keep in mind that lighting controls and dimmers can be a source of EMI which could degrade image quality.

**Electrical Specifications**

- **Voltage**
  - 100 – 240 VAC, ±%10 / 50, 60 Hz ± 2%)
  - At 230 VAC -> up to 8A, at 100 VAC -> up to 10A

- **Power Consumption**
  - 1100 W

- **Site Power Outlets**
  - A dedicated AC power outlet must be within reach of the unit without extension cords

  - 264 VAC, 50 Hz -> 6A, 60 Hz -> 5A
  - 220 VAC, 50 Hz -> 5.5A, 60 Hz -> 6A
  - 110 VAC, 50 Hz -> 9A, 60 Hz -> 11A
  - 90 VAC, 50 Hz -> 13A, 60 Hz -> 12A

- **Inrush current**
  - Requires a dedicated single branch circuit. To avoid circuit overload and possible loss of critical care equipment, make sure you DO NOT have any other equipment operating on the same circuit.

- **Power outage may occur**

- **Acoustic Noise output**
  - Less than 48 dB(A)

**Recommended Ultrasound Room Layout 4.27 x 5.18 m (14 x 17 foot)**

- Secretaries or Doctors Desk
- File Cabinet
- Film Viewer
- Counter Top
- Counter Top and Sink with hot and cold water
- Overhead Lights Dimmer - Dual Level Lighting (bright and dim)
- Emergency Oxygen
- Suction Line
- LOGIQ E9
- Dedicated Power Outlet - Circuit Breaker protected and easily accessible
- Network Interface
- 457 mm (18 inches) distance of LOGIQ E9 from wall or objects
- Stool
- Footswitch
- Storage for Linens and Equipment
- Examination Table – 1930 x 610 mm (76 x 24 inches)
- Lavatory and Dressing Room
- Door – at least 762 mm (30 inches)

**External Inputs and Outputs**:

- S-Video
- USB
- Ethernet

Please Note: The picture may vary according to order configuration.