Voltage  
100 – 240 VAC ± ± 10 / 50, 60 Hz (± 2%)  
At 230 VAC -> up to 3A, at 100 VAC -> up to 7A

Power Consumption  500 VA

Site Power Outlets  Dedicated AC power outlet must be within reach of the unit without extension cords

Inrush current  
100 V -> 4.5A  
240 V -> 2.3 A

Power outage may occur  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.

Acoustic Noise Level  Less than 55 dB(A)

Environmental Requirements

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Operating Temperature</td>
<td>10 to 35°C (50 to 95°F)</td>
</tr>
<tr>
<td>Operating Humidity</td>
<td>30 to 85% rH, non-condensing / 700 – 1060 hPa</td>
</tr>
<tr>
<td>Heat Dissipation</td>
<td>2000 BTU/hour +300 Btu for each person. Without on-board peripherals</td>
</tr>
<tr>
<td>Storage Temperature</td>
<td>-20 to 60°C (-4 to 140°F)</td>
</tr>
<tr>
<td>Storage Humidity</td>
<td>10% - 70% rH, non-condensing</td>
</tr>
<tr>
<td>Lighting</td>
<td>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.</td>
</tr>
</tbody>
</table>

Electrical Specifications

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

1. Secretaries or Doctors Desk  
2. File Cabinet  
3. Film Viewer  
4. Counter Top  
5. Counter Top and Sink with hot and cold water  
6. Overhead Lights Dimmer  
7. Emergency Oxygen  
8. Suction Line  
9. Ultrasound system  
10. Dedicated Power Outlet  
11. Network Interface  
12. 457 mm (18 inches) distance of Ultrasound system from wall or objects  
13. Stool  
14. Footswitch  
15. Storage for Linens and Equipment  
16. Examination Table – 1930 x 610 mm (76 x 24 inches)  
17. Lavatory and Dressing Room  
18. Door – at least 762 mm (30 inches)