

Siemens Biograph Horizon PET/CT – Site Planning Summary

Minimum Room Requirements

- Scanner Room Size: Approx. 22 ft (L) × 13 ft (W) × 9 ft (H)
- Control Room Size: Approx. 10 ft × 12 ft
- Minimum Door Width (for system delivery): 36 inches (3 ft)

Power Requirements

- Main Voltage Input: 400–480 V, 3-phase, 50/60 Hz
- Power Consumption: Up to 100 kVA
- Dedicated Power Panel: Required
- UPS (Uninterruptible Power Supply): Recommended for console systems
- Isolation Transformer: Recommended
- Surge Protection: Required

Environmental Requirements

- Room Temperature: 68–75°F (20–24°C)
- Humidity: 30%–70%, non-condensing
- Ventilation: Minimum 6 air changes per hour
- Heat Output:
 - Scanner: approx. 23,000 BTU/hr
 - Console: approx. 4,500 BTU/hr
- Air Conditioning Load: Total load ~28,000 BTU/hr