

GE PANDA WARMER PANDA IRES

ABOUT

The GE Panda iRes is one of the best infant warmers, helping to keep the babies' bodies warm through temperature regulation. The innovative recessed heater in the Panda Warmer lets you interact with the patient, while still allowing their body to maintain heat separate from you.

FEATURES

- Sleek design
- Compact size
- Innovative recessed heater
- In-bed scale (optional)
- Optional integrated SpO2
- Adjustable lighting
- Full-color display
- Hands-free alarm silence



SPECIFICATIONS

DIMENSIONS

Height: (Adjustable): 75 in - 85.82 in (193-218 cm)

Width: 25.2 in (64 cm)

Depth: 46.9 in (119 cm)

Weight: 220.5 lb (100 kg)

SYSTEM PERFORMANCE

Warmer Expected life: Approximately 8 years

Heater Element: 360 Watts

Heater Output: 27 mW/cm²

Patient Temperature Measurement Accuracy: $\pm 0.3^{\circ}\text{C}$ @ 30°C to 42°C

Temperature Probe Accuracy: $\pm 0.1^{\circ}\text{C}$ @ 30°C to 42°C

Observation Light: 2 dimmable 35W halogen bulbs; estimated life of 3000 hours based on manufacturer's specifications

Procedure Light: 2000 lux (at nominal voltage) average; estimated life 3000 hours

Elevating Base Duty Cycle: 15%

Alarm Volume: At 3m away from the device, the alarm level is: >60 dBA at the maximum setting; >50 dBA at the minimum setting

IRRADIANCE

50% Power: 10-15 mW/cm²

100% Power: 31 mW/cm²

ELECTRICAL POWER

115 VAC, 50/60 Hz Models: 115 V $\pm 10\%$; 6.6 Amps

220-240 VAC, 50/60 Hz Models: 230 V $\pm 10\%$; 3.3 Amps

Nominal Power Consumption: 520 W at max. heater power, max. lighting

OPERATIONAL ENVIRONMENT

Operating Temp. Range: 18°C to 30°C

Operating Humidity: 5% to 75%

Storage Temp. Range: -25°C to $+60^{\circ}\text{C}$

Storage Humidity Range: 0% to 85%

PANDA MATTRESS / BED / SCALE (OPTIONAL)

Panda Mattress Size: 26" x 19" x 0.8" (66 x 48 x 2 cm)

Weight Capacity: 30 lbs (14 kg)

Bed Tilt: \pm 12 degrees continuous tilt

Weight Scale:

- Functional range 300g to 8 kg
- Accuracy \pm 10g

SPO2 SPECIFICATIONS (NELLCOR OPTION)

Measurement Range: SpO₂ : 1-100% SpO₂

Pulse Rate: 20-300 bpm

Accuracy:

- SpO₂: from 70-100% SpO₂, \pm 3 digits for neonates
- Below 69%, unspecified
- Pulse rate, no motion: \pm 3 bpm

Wavelengths and Power: Nominally 660 nm and 900 nm with total optical output power of the sensor LEDs less than 15 mW

Data Update Period: At maximum averaging time, the data is updated in less than thirty seconds; shorter averaging times reduce this update period.

Alarms: User-selectable upper and lower limits for SpO₂ and pulse rates

SPO2 SPECIFICATIONS (MASIMO OPTION)

Measurement Range: SpO₂ : 1-100% SpO₂; Pulse Rate: 25-240 bpm

Wavelengths: Red: 660 nm, nominal; Infrared: 905 nm, nominal

Maximum Optical Output Power: Radiant Power at 50 mA pulsed: 0.13 mW, minimum; 0.79 mW, maximum

Accuracy:

- SpO₂ from 70-100% SpO₂, \pm 3% SpO₂ for neonates
- Below 69%, unspecified
- Pulse rate, no motion: \pm 3 bpm
- Pulse rate, motion: \pm 5 bpm
- Data Update Period: At the maximum averaging time, the data is updated in less than thirty seconds; shorter averaging times reduce this update period.
- Alarms: User-selectable upper and lower limits for SpO₂ and pulse rates