



The GE Ohmeda 4400 Infant Warmer System uses a manual mode of operation that allows selection of the level of radiant heat output as indicated by the % power display on the control panel and the control circuit then maintains the selected level of radiant heat. Servo mode of operation allows selection of the patient's control temperature and a control system modulates the radiant heat to maintain the patient at the selected control temperature. Alarms activate to alert the operator of a low or high patient temperature, a skin temperature probe failure, a power failure, equipment failure or a check patient prompt

Features

- Microprocessor Control
- 20 Segment Output Control
- Digital Apgar Timer
- Powered Elevating Base
- Pre-Heat Mode
- Dovetail Rail Mounting System
- Large bed accommodates larger infants easily
- Bed height adjusts to comfortable working level
- The GE Ohmeda 4400 Infant Warmer uses an advanced microprocessor system continuously monitor patient and machine status
- Easy patient access from any location around unit
- Heater Power: 550 Watts \pm 5% at maximum % power setting
- Examination light Luminance: 100 (nominal) foot candles at center of mattress



Specifications

Dimensions

Height: 183 to 203 cm (72 to 80 in)
Depth: Both: 114 cm (45 in)
Width: Both: 76 cm (30 in)
Weight: 4400: Approx. 91 kg (200 lbs)
Standard 3 Drawer Pkg: 25 kg (56 lbs)
Rotating 3 Drawer Pkg: 32 kg (70 lbs)
Standard Deep Drawer Pkg: 25 kg (56 lbs)
Rotating Deep Drawer Pkg: 32 kg (70 lbs)
Foot Print: Both: 75 X 114 cm (29.5 X 45 in)
Floor Space: Both: 8572 sq cm (1327.5 sq in)
Bed Size: Both: 61.2 X 76.5 cm (24 X 30 in)
Bed to Floor: 98 - 118 cm (38.75 - 46.5 in)
Bed Tilting: Both: $\pm 10^\circ$ Reverse Trendelenburg and Trendelenburg, damped

System Control Characteristic

Microprocessor Based Control System: Self-test function performed at power on and continuously during normal operation
Heater Output: 0-540 watts power adjustable from 0 to 100% in twenty 5% increments
Patient Control (Servo) Mode: 35°C to 37.5°C in increments of 0.1°C (95°F to 99.5°F)
Manual Mode: Indicates manual mode heat selection range from 0 to 100% in 5% increments
Temperature Variability: Less than $\pm 0.3^\circ\text{C}$
Resolution: $\pm 0.1^\circ\text{C}$
Probe Interchangeability: $\pm 0.1^\circ\text{C}$
Probe Range: 30°C to 42°C (71.6°F to 107.6°F)
Proportional heat control with zero voltage switching to minimize radiated and conducted EMI
Observation Light: 100-foot candles at center of mattress; estimated lamp life 3000 hours

Heater Assembly

The radiant heater provides a focused heat source using a cal-rod heating element, which directs controlled heat to the bed surface
The heater assembly, located above the center of the bed, consists of the radiant heater, parabolic reflector, integral observation light, and visible red alarm indicator light
The heater module rotates 90 degrees to the side to facilitate X-ray procedures. The heater automatically shuts off when in this position

Bed

The hydraulic tilt system provides tilt of up to $+10^\circ$ for positioning in Trendelenburg and reverse Trendelenburg positions
The four bedside panels fold down for complete access to the infant
The rear panel includes tubing management slots for retention of ventilation and aerosol tubing
The bed incorporates an X-ray Cassette Tray. A grid location marking systems on the side panels matches the tray for location of the cassette. Bed construction is radiolucent
A chest drainage hanger allows for convenient placement of chest drainage systems