

NEONATAL WARMER CARE SYSTEM BMS W-03



EASY access CUSTOM built

The scientifically designed structure of the NWC100 provides easy all-round accessibility. The crevice-free plastic body with rounded edges and smooth contours makes it safe and very easy to clean and maintain. Even a student nurse will be able to handle it!



NEONATAL WARMER CARE SYSTEM

The BMS W-03 has been designed to international specifications in infant care. It is a must for every modern hospital.

FEATURES

Control panel

- Intuitive and easy-to-use design
- Large, bright display
- Keys positioned for maximum convenience

Safe, efficient, splash-proof heater unit

- Swivels away from bed to make room for an X-ray unit

Oval shaped baby bed with side panel

- The single-piece, crevice-free bed is easy to clean. Its oval shape permits all-round access.

Probe

- Interchangeable—no field calibration required
- Thermistor sensor for quick response
- Wires are easy to clean, long lasting

Alarm system

- Clear visual and acoustic alarms for complete infant safety
- Separate electronics to monitor system failure and heater failure

Castors

- Effortless mobility on four smooth-running swivel castors
- Integral brakes and low centre of gravity ensure optimal stability.
- Antistatic castors can be provided optionally

Handle

- Conveniently positioned to move the equipment
- Safer and more reliable

IV stand (optional on both sides)

- One IV pole is provided. Multiple infusion pumps may be mounted and used simultaneously
- One Monitor tray is provided

Examination lamp

- LED Examination lamp.

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Electronics: Self-checking microcontroller based Servo control system.

ELECTRICAL SPECIFICATIONS

| | | |
|------------------------------------------------|---|-------------------------------|
| Operating Voltage | - | 240v AC~, 50 Hz, Single phase |
| Ceramic Heater placed in a parabolic reflector | - | 640w |
| Observation lamp | - | LED based lamp |
| Power consumption (Max) | - | 800w |

SKIN TEMPERATURE PROBE

| | | |
|-------------------------------------------|---|--------------------------------|
| Display Range | - | 15 °C to 40 °C |
| Accuracy | - | +/- 0.2 °C |
| Resolution | - | 0.1 °C |
| Probe Interchangeability | - | +/- 0.2 °C |
| Infant Set Temperature range (Servo Mode) | - | 32° C to 38° C |
| Heater output control range (Manual Mode) | - | 0% to 100% (in 10% increments) |
| Heater life time | - | 12 months |

ALARMS

| | | |
|-------------------------|---|-------------------------|
| Audio and visual alarms | - | High infant temperature |
| | - | Low infant temperature |
| | - | Probe failure |
| | - | Power failure |
| | - | Over temperature |

PHYSICAL DIMENSIONS:

| | | |
|------------------------------|---|----------------------------------------------------------------------------------------|
| Depth | - | 762 mm |
| Width | - | 850 mm |
| Height | - | 1752 mm |
| Infant Bed | - | Square shaped bed |
| Infant bed dimensions | - | 610mm (L) x 458mm (W) |
| Bed tilting at desired angle | - | 3inch Up & Down |
| X – Ray Provision | - | Provision to take X-rays with the help of portable machine without shifting the baby. |
| Heater swiveling | - | Provide the rotation of the heater without disrupt the infant while taking the x – ray |
| Mobile Castors | - | 100 mm (4”) with 2 brakes |

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COATING:

Epoxy color coating for scratch resistance, shock proof and rust protection.

STANDARD ACCESSORIES:

- Height Adjustable IV stand
- Mayo tray

ELECTRICAL PROTECTION

| | | |
|---------------------------------------------|---|----------------------|
| Type of protection against electric shock | - | Class 1 |
| Degree of protection against electric shock | - | Type B |
| Mode of Operation | - | Continuous |
| Ingress Protection | - | IPX0 (Not protected) |

ENVIRONMENTAL SPECIFICATIONS

| | | |
|-------------------------------------|---|-----------------|
| Operating: Temperature Range | - | 18° C to 30° C |
| Relative humidity Range | - | 10% to 75% RH |
| Atmospheric pressure | - | 700 to 1060 hPa |

Transport and Storage:

| | | |
|-------------------------|---|-----------------|
| Temperature Range | - | 10° C to 60° C |
| Relative humidity Range | - | 10% to 90% RH |
| Atmospheric pressure | - | 500 to 1060 hPa |