

NEONATAL WARMER CARE SYSTEM BMS W-01



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-01 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
- 4 " Lcd color 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

- Dazzle free 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
Main supply Fuse	-	4A
Observation Lamp Fuse	-	1A
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
	-	Heater failure
	-	Power failure
	-	System failure
	-	Over temperature

PHYSICAL DIMENSIONS:

Depth	-	990 mm
Width	-	890 mm
Height	-	1900 mm
Infant Bed	-	Round shaped bed
Infant bed dimensions	-	610 mm Round
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