



for a healthier tomorrow...



**MEDI WAVES INC.**

for a healthier tomorrow...



CE



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**P-001A** Infant Radiant Warmer



### CONTROLLER

|                      |                                                                                                                                                            |
|----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Electronic           | - microprocessor-based servo-controlled unit                                                                                                               |
| Operation modes      | - servo (automatic) and manual mode.                                                                                                                       |
| Heating element      | - Power consumption of 800-1200 Watts                                                                                                                      |
|                      | - Quartz Ceramic Heater heating element with parabolic stainless-steel reflector for uniform radiation of heat waves to all corners of the basinet         |
| Heater Box           | - protected by a metal grid to prevent shock hazards.                                                                                                      |
| Heater Head          | - swivel type and it is rotateable to $\pm 90^\circ$ from its axis, it allows X-Ray exposure from top.                                                     |
| Big LED display      | - 1" Display for showing skin temperature in manual mode and set and skin temperatures in servo mode. Temperature display is bright and in numerical form. |
| Rechargeable battery | - Backup of 30 min for display of temperatures & alarm during power failure.                                                                               |
| Light Source (LED)   | - Adjustable light source (LED) for observation of the baby.                                                                                               |
| Probe                | - Skin and Air Probe.                                                                                                                                      |



### DIMENSIONS:

- Probe length : More than 3 ft. (Skin and Air Probe)
- Length of basinet : 680 mm. Width of Basinet: 50 mm.
- Working level from the ground up to upper level of the mattress: 870 mm.
- Distance from mattress top and heat source: 850 mm.
- Diameter of castors for Radiant Warmer and Basinet with brakes locks on front wheels : 75 mm.

### The unit will be supplied with 2 (two) drawers and 1 (one) IV stand.

The diameter of IV stand (stainless steel) will be 2.5 cm with 4 pegs (stainless steel) for hanging IV fluids.

Height adjustment system for Radiant Warmer and Basinet is accommodated :  $\pm 2$  inch.

Monitor tray : 30 mm X 270 mm.

Operating temperature range :  $10^\circ\text{C}$  to  $40^\circ\text{C}$

Operating humidity range: 30%-90% RH.

Skin temperature-Range:  $32^\circ\text{C}$  to  $38^\circ\text{C}$ -Accuracy:  $\pm 0.2^\circ\text{C}$ -Resolution:  $0.1^\circ\text{C}$  accolade.

**Alarm for Probe failure, Heat failure, High and Low Temperature, Power failure.**

Electrical supply: Power IIP to be 180-240 VAC, 50Hz fitted with Indian 3 pin plug.

UPS of suitable rating with voltage regulation and spike protection for 30 Minutes backup.

### Accessories & Consumables supplied with the machine:

(a) Mattress: 02 (two). (b) Temp. (Skin) and Air Probe (Reusable): 02 Each (two). (c) Fuse set: 01 (one). (d) Monitor tray: 01 (one).

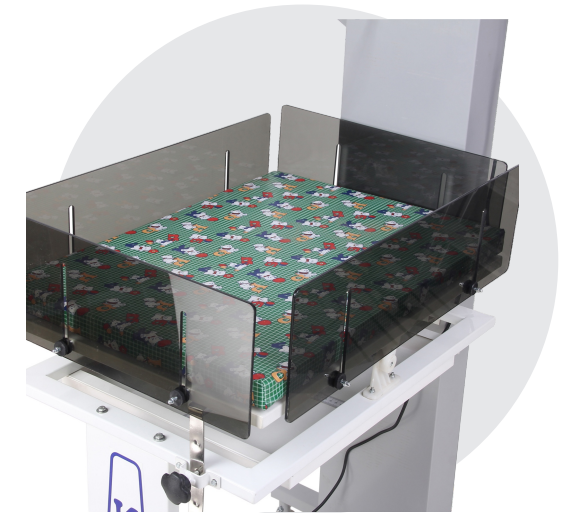
Documents/Certification: - European CE & ISO 13485.

User/Technical Maintenance Manual supplied in English/ Hindi.

Cleaning and maintenance of Radiant Warmer and Basinet is user friendly.

Power Requirement Power Consumption Sound Level

220 to 240V, 50 Hz < 800 Watt > 65dBA at 3 mtrs.



### THE BASINET:

- Comprises of foldable drop down transparent acrylic/ poly carbonate side panels of minimum 6 mm in thickness and can be swivelled easily for cleaning and procedures.
- It will not be fixed with the warmer; if it is fixed then it detachable easily for cleaning purposes. Both move on lockable wheels.
- It has one fixed transparent acrylic sheet below mattress for under surface phototherapy and an additional acrylic tray with basinet for positioning the X-ray cassette.
- The unit has facility for inclination in both directions (trendelenburg and reverse trendelenburg) minimum up to  $12^\circ$ .
- Stitch-less mattress supplied with a foam density of 21-25 kg/m<sup>3</sup> with at least 1 inch in thickness.
- Mattress cover is made of fire-retardant material.
- Mattress are waterproof and easily washable. It is resistant to cleaning with chlorine-based solution.

