

**Product Name :**  
Neonatal Warming System**Product Code :**  
MED-DEV0013**Description :**

Neonatal Warming System

**Technical Specification :**

The Warmer is used to assist premature babies maintaining the appropriate body temperature.

System consists of a control unit, a heating pad, a water mattress and an inflatable Baby Nest frame.

Electronic servo temperature control.

Automatic warm-up to 37°C, time to stabilize approx. 20 min.

Large color display shows operational status, with set and measured values.

Integrity testing of all system parameters every 5 minutes.

Flexible waterproof low voltage heating pad slides under mattress.

Pre-set is 37°C, Adjustable from 35 to 38°C in increments of 0,1°C.

Accuracy temperature control of heating pad is  $\pm 0.1^\circ\text{C}$ .

Reusable Baby Nest frame keeps baby in place.

External battery connection point at the underside of the control unit.

Strong soft plastic Baby Nest mattress fills with water (about 36°C), approx. 4.5 L.

Over Temperature Alarm: at a water temperature of  $39.5 \pm 1^\circ\text{C}$ . Warming capacity: About 4-5°C per hour.

Cotton cover frame can be tightly secured around the water mattress and heating pad.

The water mattress will cool 1°C per hour which means that one has about 2 hours to restore power.

Perform self-testing of all functions and internal safety circuit by switching the control unite.

Fit with connector for standard YSI skin temperature sensor.

Control Unit:

Auditory Alarm: 55 dB sound level.

Main Power/frequency: 110-240 V AC or 110-120 AC. 50/60 Hz.

Battery power: 24 V DC, 12 V DC (with limited warming capacity)

Temperatures available: 35 to 38°C increments of 0.1°C.

Over temperature alarm at water Temperature of  $39.5 \pm 1$  °C.

Internal Battery: Alkaline, 1.5V size LR6 (AA) (only for power failure alarm.

Heating Pad:

Power requirements: 110-240 V AC or 110-120 V AC.

Frequency 50 or 60 Hz,

Battery 12 or 24 V.

Voltage: 24-volt DC from control Unit BW-50 007 when powering with mains power or 24V DC when powering from 12-24V battery source.

Power consumption 50 Watt.

Material: PVC.

Material: Medical Grade PVC.

Baby Nest:

Material: Cover, high quality cotton and polyester.

Washing: Recommended temperature 60°C, can tolerate 90°C but might shorten lifetime.



## Equipments Exporters

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