



THE LAB EQUIPMENT

Email : sales@thelabequipment.com

Phone: +91-8759245890

Product Name :

Newborn Warmer System Basic

Product Code :

SLE/RAE/09



Website: <https://www.thelabequipment.com>, **Email:** sales@thelabequipment.com

plot. no.296. Sector 5. Vaishali. Ghaziabad. Uttar Pradesh 201010



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Description :

DESCRIPTION:

Neonatal warming system, nest-type with water mattress and heating pad, portable, basic set

TECHNICAL SPECIFICATIONS:

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.

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 BabyNest frame.

Electronic servo temperature control.

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

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

Automatic warm-up to 37°C, time to stabilize approx. 20 min (starting at 20°C). (Warm up time is shortened if water mattress is filled with lukewarm water at start).

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

Over Temperature Alarm: at a water temperature of $39.5 \pm 1^\circ\text{C}$. Warming capacity: About 4-5°C per hour. (Room temperature about 22°C and filled with 4,5 liters of water and placed on the mattress of a baby bed and covered with the nest and a sheet. Connection to mains or a 24V battery.)

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

Reusable BabyNest frame keeps baby in place.

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.

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

Heating Pad:

Material: PVC.

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

Battery 12 or 24 V.

Power consumption 50 Watt. (10 Watt when the Control Unit is powered from a 12 Volt battery)

Frequency 50 or 60 Hz,

Baby Nest:

Material: Cover, high quality cotton and polyester.

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

Water Mattress:

Material: Medical Grade PVC.

Control Unit:

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

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