

# KANMED<sup>o</sup> BABYWARMER

## KANMED BABY WARMING SYSTEM



It is the soft warm water mattress that makes Kanmed Baby Warming System unique



Water at the right temperature provides optimal warming

37°C



# Kanmed Baby Warming Philosophy



Water at the right temperature  
provides optimal warming

Only the best care is good enough  
for newborn and premature babies

A premature baby is sleeping peacefully and safely on a soft water mattress that is 37°C warm. The water mattress makes the baby feel like being next to the mothers' warm skin. Only a soft warm water mattress can substitute the warming efficiency of a modern incubator.

Kanmed BabyWarmer is used in hospitals worldwide as a safe and cost effective alternative to incubator. The system is well documented by

published medical studies\* and easy to use. Parents can easily take part in the care of their newborn or premature baby, breast-feeding can start faster and the baby can leave the hospital earlier.

As soon as the baby is stable and the skin has matured the baby can be moved to the Kanmed Baby Warmer. Thereby the amount of incubators needed is reduced which saves money.

*\* Please find literature reference list on last page*

## Your Kanmed BabyWarmer

The Kanmed Baby Warmer is very safe and easy to use. All parts are of the highest quality to ensure a long and troublefree lifetime. Correctly used it will ensure optimal warming of your baby.

### THE ADVANTAGES OF THE KANMED WATER MATTRESS

Warm water contains a lot of energy. Therefore the baby cannot cool the water, so the baby's skin temperature converts to the temperature of the water – making the Water Mattress the most efficient and safest way to keep a baby at 37°C. The Kanmed Water Mattress establishes a thermal balance with the baby so that baby can



devote most of its energy to what is important – optimal growth, rather than using energy trying to keep warm. Another advantage – in case of power interruption the Water Mattress will keep the baby safely warmed for up to two hours, as the water cools slowly.





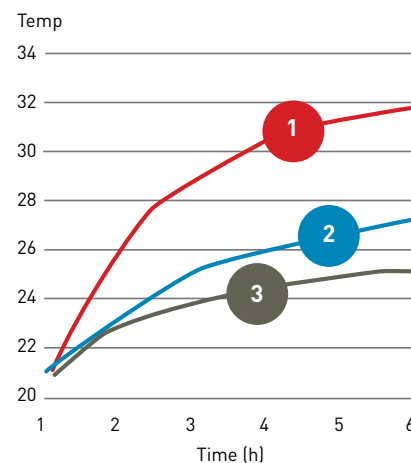
## CONTROL UNIT AND MATTRESSES

30 years experience is behind the CE marked Kanmed BabyWarmer. The BabyWarmer has 3 under body warming possibilities using the same Control Unit and Heating Pad.

- 1 Water Mattress
- 2 Gel Mattress / Integrated Gel mattress\*
- 3 Foam Mattress

## WARMING EFFICIENCY

To estimate the warming efficiency a plastic bottle with 500 ml of water was placed on each of the mattress types when they were in steady state at 37° C. The bottle was covered with a double layer of cotton towel. The temperature rise in the water was then recorded. As shown below the Water Mattress has the highest energy transfer and is therefore the most efficient warmer.



**Water Mattress:**  
Stable premature babies

**Gel Mattresses:**  
Near Term babies

\* [Integrated Gel mattress]

**Foam Mattress:**  
Term babies for comfort heating

## BENEFITS

- Encourages optimal growth
- Easy for staff to use and clean
- Considerable cost reduction compared to using an incubator

## EASY TO USE

You can begin warming a premature baby on the Kanmed BabyWarmer from the moment the baby is stable but still requiring minimal clinical intervention, such as light respiratory support.

You can also connect a standard YSI skin sensor for checking of the baby's temperature.

- Select a mattress type that is appropriate for the needs of the baby.
- Insert the Heating Pad into the pocket under the mattress and insert the mattress in the Kanmed BabyNest. Or use the integrated Gel Mattress and insert to the Kanmed BabyNest.
- Press start and adjust the temperature.
- When the Smiley on the Control Unit goes green the mattress temperature is ok for the baby.

# KANMED<sup>o</sup> BABYWARMER

“Only a warm soft Water Mattress can replace the warming efficiency of a modern incubator”.

THIS IS WHY YOU SHOULD USE THE KANMED BABYWARMER.



For the past 30 years more than two million small and premature babies have been efficiently warmed on the Kanmed Water Mattress.

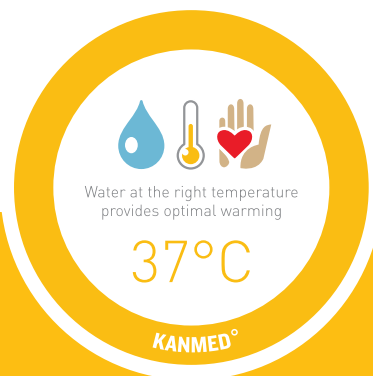
- The Kanmed BabyWarmer is designed to keep premature, near term or newborn babies perfectly warm and is well researched.
- As a result babies are proven to leave the incubator earlier, sleep better and grow optimally.
- The Kanmed soft warm Water Mattress and the Kanmed Baby Nests provide similar warming and cosiness as with skin to skin Kangaroo care.
- By using the the Kanmed BabyWarmer could result in an earlier discharge from hospital and reduced treatment costs.
- The Kanmed BabyWarmer is easy and safe to use and very well liked by the baby, parents and hospital staff.
- You can chose between different sizes of Water Mattress as well as Baby Nest. **Please visit [www.kanmed.se](http://www.kanmed.se).**

## REFERENCES:

PH Gray et al, University of Queensland, Australia. Cot nursing a heated water filled mattress and incubator care. [2004]. Acta Paediatrica 93:308-310 2004-03-18. Prevention of Neonatal Cold Injury in Preterm Infants. Ragnar Tunell. Ass. Professor emeritus Stockholm.

The Cochrane Collaboration.  
PH Peter Gray and Vicki Flenady.  
Cot nursing versus incubator care  
for preterm infants.

Acta Paediatric 82:930-3. Ihsan Sarman, Ragnar Tunell, Lena Västberg, Ulla Carlquist, Gülay Can and Derya Toparlak. Mothers' perception of their preterm infants treated in an incubator or on a heated water filled mattress.



More than 15 000 units in use worldwide  
that have warmed more than 2 million babies

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