



# HW-N211

## BABY INCUBATOR



Healthward<sup>®</sup>

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your life

# HW-N211

## FEATURES AND HIGHLIGHTS

**Product application positioning:** Hospitals, maternity centers, neonatology departments.

**Design:** The product is designed to provide a treatment environment with clean air and appropriate temperature for low-severity infants, critically ill infants and premature infants.

Infant incubator control system adopts computer technology to implement servo control of the temperature in the box (box temperature/skin temperature), according to the set temperature and measured temperature proportional heating control. The internal air uses the principle of heat convection to adjust, to create a suitable air, temperature and humidity, warm and comfortable, similar to the mother's womb good environment, so as to cultivate and care for the baby.

### Technical parameters

▪ Mattress to thermostat height	450 mm	▪ Temperature overcontrol mode to	37.1°C-38.0°C
▪ Front side door panel	826×310 mm	▪ Accuracy of temperature sensor	≤0.3°C
▪ Mattress tray size	630×360 mm	▪ Display range	5%-99%
▪ Crib tilt adjustment	±10° stepless	▪ Temperature fluctuation	≤0.5°C
▪ Power supply	AC 220V, 50Hz	▪ Mattress temperature uniformity	≤0.8°C Rise time: ≤45 minutes
▪ Power requirement	≤400VA	▪ Thermostat noise level	≤55dB
▪ Temperature control mode	Air and skin servo control	▪ Ambient temperature	+20°C-+30°C
▪ Air temperature control range	20.0°C-37.0°C	▪ Ambient relative humidity	30%-75%
▪ Temperature overcontrol mode to	37.1°C-39.0°C	▪ Ambient wind speed	<0.3 m/s
▪ Temperature control range	20.0°C-37.0°C	▪ Crib maximum load	5KG
		▪ Maximum load-bearing capacity of infusion stand	2KG
		▪ Maximum load-bearing capacity of the hanging cabinet	6KG

#### Material

The frame is made of high quality steel, electrostatic spray, and the cabinet is cast with aluminum alloy, with more stable thermal insulation performance.



#### Hanging cabinet

Two large capacity steel storage cabinets, bearing capacity up to 6kg.



#### Baby crib

Crib tilt Angle stepless adjustable function, adjusted to ±10° stepless adjustment, adjustable before and after.



#### Crib mattress

Detachable baby mattress, mattress coat is made of pure cotton material, care for baby's delicate skin, mattress with 3cm high density sponge, environmental protection, no odor, good air permeability, good resilience, long-term use without deformation.



#### Aqua storage tank

Pull type storage tank, water level scale clear, storage tank must be added distilled water (or sterile water), and daily empty replacement.



#### Pivoted window

It is used to extend the wiring tube or connecting line of infusion tube, monitor probe line, breathing mask, phototherapy blanket and other equipment from the outside to the inside of the infant incubator.



**Operating window**

When the baby needs nursing, in order to avoid opening the thermostat cover, the baby can be cold, both hands can be extended into the operating window for operation.



**Thermostatic hood**

The use of high quality acrylic plate thermostatic cover, protect the stability and uniformity of temperature and humidity in the baby cabin, and facilitate the cleaning and disinfection of medical staff.



**IV pole**

Stainless steel infusion stand with maximum load of 2kg.



**Casters**

3" medical mute casters, 2 wheels with foot brake.



**Bumper strip**

Surrounded by the box anti-collision strip design, can easily move the box, but also can protect the incubator, to prevent the collision of the crib in the movement.



**Control panel**

LCD split screen display, you can set the temperature and box temperature.



**Integrated sensor box**

Set box temperature/humidity/oxygen concentration sensor in one; Independent skin temperature sensor is easy to remove, convenient for medical staff cleaning and disinfection.



**Temperature control**

It has two temperature control modes: box temperature and skin temperature.



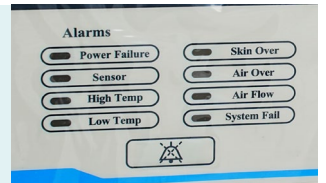
**Humidity control**

With humidity control function.



**Self-checking alarm**

The product has boot - on self - check function, a variety of fault alarm prompts.



**Cross-temperature model**

>37°C preset mode: power reset memory, alarm mute, keyboard lock, self-check.



**Main door lock**

With the main door independent locking device.



**RS-232 Output interface**

Equipped with RS-232 interface, easy to connect different devices.



As the circumstance of printing, the photos might have minor difference on color, tactile from real products.  
As the update of design and improvement, parameters and outlook of products might change, thanks for understanding.

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General catalogue