WANROOE MEDICAL

HBHKN-90
Infant Radiant Warmer

Endless love keeps the new life safe

HBHKN-90
Infant Radiant Warmer

Brief Introduction:

- Three control modes: Pre-warm mode, manual mode and baby mode controlled by micro-computer;
- Set temperature and baby temperature can be displayed separately;
- Horizon angle of warmer module and inclination of the bassinet can be adjusted;
- The panels around bassinet can be disassembled;
- APGAR timer;
- Failure alarm indication;
- RS232 connector;
- Disposable skin temperature sensor is optional.

Standard Configuration:

- Main body (including the warmer module, temperature controller, bassinet, stand), I.V. Pole, tray.

Specification:

- Power requirement: AC220V-230V/50Hz or AC110-120V/50-60Hz, 600VA
- Mode of control: Pre-warm mode control, manual mode control and baby mode control by micro-computer
- Baby mode temperature control range: 34.5-37.5℃
- Skin temperature display range: 5℃ -65℃
- Accuracy of skin temperature sensor: ±0.2℃
- Temperature uniformity of mattress: ≤ 2℃
- Angle of heater head: 0° , 30° , 45° for two ways;
- Inclination of the bassinet: five tilt position;
- APGAR timer: audible and visible alarm when the device runs to 50″ ~ 1′、4′ 50″ ~ 5′、9′ 50″ ~ 10′ ;
- Failure alarm: over temperature alarm, deviation alarm, sensor failure alarm, power failure alarm, setting alarm, checking alarm and so on.

Environmental temperature:

- Operating range: 18 ℃ ~30℃
- Ambient air movement rate: <0.3m/s

Product Packaging:

- Package: each unit is packed into one carton
- Dimension: 1110mm x 625mm x 1195mm
- Gross Weight: 60kg

Specifications are changed without notice for performance improvement. Printed date: May 2015 Version No.: 1

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WANROOE MEDICAL

HBHKN-93 Series
Infant Radiant Warmer

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HBHKN-93 Series
Infant Radiant Warmer

HBHKN-93

HBHKN-93B

HBHKN-93A

Brief Introduction:

- Three control modes: Pre-warm mode control, manual mode control and baby mode control by micro-computer;
- Set temperature and baby temperature can be displayed separately;
- Horizon angle of warmer module and inclination of the bassinet can be adjusted;
- The panels around bassinet can be turned outward;
- X-ray cassette under the bassinet;
- APGAR timer;
- Timer to count phototherapy time;
- Failure alarm indication;
- RS232 connector.

Standard Configuration:

- HBHKN-93: the warmer module, the bassinet, the main column, the mobile stand, the controller, the I.V. Pole and the tray.
- HBHKN-93B: based on HBHKN-93, added with the phototherapy unit.
- HBHKN-93A: based on HBHKN-93B, added with the breath resuscitation bag, infant head fixing unit, the oxygen supplying set (the oxygen cylinders, buoy type oxygen regulator, wall type oxygen regulator) , low-pressure suction.

Optional Configuration:

- Disposable skin temperature sensor, Vertical height adjustment (VHA) stand and Weighing system

Specification:

- Power requirement: AC220V-230V/50Hz or AC110-120V/50-60Hz, 700VA (HBHKN-93)
  AC220V-230V/50Hz or AC110-120V/50-60Hz, 750VA (HBHKN-93A/HBHKN-93B)
- Mode of control: Pre-warm mode, manual mode and baby mode are controlled by micro-computer
- Baby mode temperature control range: 34.5-37.5℃
- Skin temperature display range: 5℃ -65℃
- Accuracy of skin temperature sensor: ±0.2℃
- Temperature uniformity of mattress: ≤ 2℃
- Angle of heater head: 0° ,30° ,60° for two ways;
- Inclination of the bassinet: ±10°
- APGAR timer: audible and visible alarm when the device runs to 50″ ~ 1′、4′ 50″ ~ 5′、9′ 50″ ~ 10′ ;
- Failure alarm: over temperature alarm, deviation alarm, sensor failure alarm, power failure alarm, setting alarm, checking alarm and so on.
- The total irradiance Ebi on the effective surface area: ≥ 0.66mW/cm^2 (HBHKN-93B,HBHKN-93A)
- Average value of general bilirubin radiation on the mattress effective range: ≥ 0.58mW/cm^2 (HBHKN-93B,HBHKN-93A)
- Bilirubin uniformity of radiating on the mattress effective range: >0.4 (HBHKN-93A,HBHKN-93B)
- Dominant wavelength of blue light: 400-550nm

Environmental temperature:

- Operating range: 18 ℃ ~30℃
- Ambient air movement rate: <0.3 m/s

Product Packaging:

- Package: each unit is packed into one carton
- Dimension: 1270mm x 810mm x 1120mm
- Gross Weight: 110kg(HBHKN-93),120kg(HBHKN-93B),142kg(HBHKN-93A)

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WANROOE MEDICAL

HBHKN-2000
Infant Radiant Warmer

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HBHKN-2000
Infant Radiant Warmer

Brief Introduction:

- Three control modes: Pre-warm mode control, manual mode control and baby mode control by micro-computer;
- Set temperature and skin temperature can be displayed separately;
- Main body is made of stainless steel;
- Double sides phototherapy radiant box;
- Acrylic glass bassinet;
- APGAR timer;
- Timer to count phototherapy time;
- Failure alarm indication;
- RS232 connector;
- Disposable skin temperature sensor is optional.

Standard Configuration:

- Warmer module, temperature controller, bassinet, phototherapy radiant box, the stand and so on.

Specification:

- Power requirement: AC220V-230V/50Hz or AC110-120V/50-60Hz, 850VA
- Mode of control: Pre-warm mode, manual mode and baby mode are controlled by micro-computer
- Baby mode temperature control range: 34.5-37.5℃
- Skin temperature display range: 5℃ -65℃
- Accuracy of skin temperature sensor: ±0.2℃
- Temperature uniformity of mattress: ≤ 2℃
- Dominant wavelength of blue light: 400-550nm
- Timing range of blue light: 0~9999hrs 59min
- APGAR timer: audible and visible alarm when the device runs to 50″ ~ 1′、4′ 50″ ~ 5′、9′ 50″ ~ 10′ ;
- Failure alarm: over temperature alarm, deviation alarm, sensor failure alarm, power failure alarm, setting alarm, checking alarm and so on.
- Average value of general bilirubin radiation on the mattress effective range:
  ≥ 250uW/cm^2 (the above phototherapy equipment)
  ≥ 600uW/cm^2(the nether phototherapy equipment)

Environmental temperature:

- Operating range: 18 ℃ ~30℃
- Ambient air movement rate: <0.3m/s

Product Packaging:

- Package: each unit is packed into one carton
- Dimension: 940mm x 570mm x 1080mm
- Gross Weight : 57kg

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WANROOE MEDICAL

HBHKN–2001
Infant Radiant Warmer

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HBHKN–2001
Infant Radiant Warmer

Brief Introduction:

- Three control modes: Pre-warm mode control, manual mode control and baby mode control by micro-computer;
- The information can be stored, consulted and indicated by the LCD display screen;
- Failure alarm indication;
- The angle of warmer module is adjustable horizontally;
- Inclination of the bassinet is adjustable;
- The panels around bassinet can be turned outward;
- Mattress is heatable and temperature is controllable;
- With LED phototherapy function;
- APGAR timer;
- Vertical height adjustment (VHA) stand.

Standard Configuration:

- Main body (including the warmer module, controller, bassinet, main column and VHA stand), skin temperature sensor, I.V. Pole, mattress, tray and panels.

Specification:

- Power requirement: AC220V-230V/50Hz or AC110-120V/50-60Hz, 900VA
- Mode of control: Pre-warm mode, manual mode and baby mode are controlled by micro-computer
- Baby mode temperature control range: 34.5-37.5℃
- Accuracy of skin temperature sensor: ±0.2℃
- Temperature uniformity of mattress: ≤ 2℃
- Mattress heating control range: 25-38℃
- Accuracy of mattress temperature display: ±0.7℃
- Angle of warmer module: ±60°
- Inclination of bassinet: The Max. angle on trendelenburg is 15°, on reverse trendelenburg is 20°
- APGAR timer: audible and visible alarm when the device runs to 50″ ~ 1′, 4′ 50″ ~ 5′, 9′ 50″ ~ 10′ ;
- Failure alarm: over temperature alarm, deviation alarm, sensor failure alarm, power failure alarm, setting alarm, checking alarm and so on.
- Max. bilirubin radiation on the mattress effective range: ≥ 1mW/cm^2
- Average value general bilirubin radiation of on the mattress effective range: ≥ 0.8mW/cm^2
- Bilirubin uniformity of radiating on the mattress effective range: >0.4

Environmental temperature:

- Operating range: 18 ℃ ~30℃
- Ambient air movement rate: <0.3m/s

Product Packaging:

- Package: each unit is packed into one carton
- Dimension: 1500mm×810mm×1475mm
- Gross Weight: 250 Kg

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WANROOE MEDICAL

HBHKN-9010
Infant Radiant Warmer

Endless l♡ve keeps the new life safe

HBHKN-9010
Infant Radiant Warmer

Brief Introduction:

- Three control modes: Pre-warm mode control, manual mode control and baby mode control by micro-computer;
- Set temperature and baby temperature can be displayed separately;
- Horizon angle of warmer module and inclination of the bassinet can be adjusted;
- The panels around bassinet can be turned outward;
- X-ray cassette under the bassinet;
- APGAR timer;
- Failure alarm indication;
- RS232 connector;
- Disposable skin temperature sensor is optional.

Standard Configuration:

- Main body (including the warmer module, bassinet, main column, mobile stand and temperature controller), I.V. Pole and tray.

Specification:

- Power requirement: AC220V-230V/50Hz or AC110-120V/50-60Hz, 600VA
- Mode of control: Pre-warm mode, manual mode and baby mode are controlled by micro-computer
- Baby mode temperature control range: 34.5-37.5℃
- Temperature sensor display range: 5℃ -65℃
- Accuracy of skin temperature sensor: ±0.2℃
- Temperature uniformity of mattress: ≤ 2℃
- Angle of heater head: 0° , 30° , 60° for two ways;
- Inclination of the bassinet: the three tile position;
- APGAR timer: audible and visible alarm when the device runs to 50″ ~ 1′ , 4′ 50″ ~ 5′ , 9′ 50″ ~ 10′ ;
- Failure alarm: over temperature alarm, deviation alarm, sensor failure alarm, power failure alarm, setting alarm, checking alarm and so on.

Environmental temperature:

- Operating range: 18 ℃ ~30℃
- Ambient air movement rate: <0.3m/s

Product Packaging:

- Package: each unit is packed into one carton
- Dimension: 1220mm x 670mm x 1100mm
- Gross Weight : 100kg

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