



Infant Care System



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Infant Incubator

Model No: RC-BIN3000A

Technical data

- Air temp. by computer
- Separate setting temp. and real temp. display windows
- Various and self-check alarms
- Removable humidity trough, easy to clean
- With the transfusion shelf and tray
- RS-232 connector
- Phototherapy (option)

Optional models

Model No: RC-BIN3000AS

- Based on RC-BIN3000A has skin temp

Specifications Model No: RC-BIN3000A

Electrical requirement	~220V 59Hz or ~230V 60Hz
Power consumption	≤450VA
Air mode temp. range	25.0°C~37.0°C
Air over temp. range	<38.0°C
Air mode high temp.range	37.1°C~39.0°C
Air mode alarm	±3.0°C
Air control accuracy	≤0.5°C
Mattress temp. Uniformity	≤0.8°C
Noise	≤55dB (A)



SPECIFICATIONS

Model No: RC-BIN3000AS

Electrical requirement	~220V 59Hz or ~230V 60Hz
Power consumption	≤450VA
Air mode temp. range	25.0°C~37.0°C
Skin mode temp. range	25.0°C~37.0°C
Air over temp. range	<38.0°C
Air mode high temp.range	37.1°C~39.0°C
Skin mode high temp.range	37.1°C~38.0°C
High temp. Mode alarm	<40.0°C
Air mode alarm	±3.0°C
Skin mode alarm	±1.0°C
Skin sensor accuracy	≤±3.0°C
Air control accuracy	≤0.5°C
Mattress temp. Uniformity	≤0.8°C
Noise	≤55dB (A)

Infant Incubator

Model No: RC-BIN3000B

Technical data

- Air temp. and skin temp. servo-controlled by computer
- Various and self-check alarms
- Free step mattress tilting adjustment
- Removable humidity trough, easy to clean
- >37°C temperature setting
- With the transfusion shelf and tray
- Added with guardrail
- RS-232 connector

Optional models

Model No: RC-BIN3000BD

- Based on RC-BIN3000B, has double walls hood

Model No: RC-BIN3000B (Plus)

- Based on RC-BIN3000B, has humidity display and control function



Model No: RC-BIN3000BD

Technical data

- Air temp. and skin temp. servo-controlled by computer;
 - Various and self-check alarms
- Free step mattress tilting adjustment;
- Removable humidity trough, easy to clean
 - >37°C temperature setting
- With the transfusion shelf and tray
 - Added with guardrail
 - RS-232 connector
 - With drawer and cabinet
 - Double wall hood
- Phototherapy unit(option)

Specifications

Model No: RC-BIN3000B

Model No: RC-BIN3000BD

Electrical requirement	~220V 59Hz or ~230V 60Hz
Power consumption	≤450VA
Air mode temp. range	25.0°C~37.0°C
Skin mode temp. range	25.0°C~37.0°C
Air over temp. range	<38.0°C
Air mode high temp.range	37.1°C~39.0°C
Skin mode high temp.range	37.1°C~38.0°C
High temp. Mode alarm	<40.0°C
Air mode alarm	±3.0°C
Skin mode alarm	±1.0°C
Skin sensor accuracy	≤±3.0°C
Air control accuracy	≤0.5°C
Mattress temp. Uniformity	≤0.8°C
Noise	≤55dB (A)



Infant Incubator

Model No: RC-BIN3000B Plus

Technical data

- Air temp.and skin temp.servo-controlled by computer;
- Various and self-check alarms
- Free step mattress tilting adjustment;
- Removable humidity trough,easy to clean
- >37°C temperature setting
- With the transfusion shelf and tray
- Added with guardrail
- RS-232 connector
- With drawer and cabinet
- Has humidity display and control function
- Phototherapy unit(option)

Model No: RC-BIN3000B Deluxe

Technical data

- Air temp.and skin temp.servo-controlled by computer;
- Various and self-check alarms
- Free step mattress tilting adjustment;
- Removable humidity trough,easy to clean
- >37°C temperature setting
- With the transfusion shelf and tray
- Added with guardrail
- RS-232 connector
- With drawer and cabinet
- Has humidity display and control function
- Has Oxygen Concentrator(optional)
- LCD Display Screen (optional)
- Weighing function(optional)
- Electrical lift function(optional)
- Double walls hood(optional)



Model No: RC-BIN3000B Deluxe

Specifications

Display	LCD	Skin sensor accuracy	≤±3.0°C
Electrical requirement	~220V 50Hz or ~230V 60Hz	Air control accuracy	≤0.5°C
Power consumption	≤550VA	Mattress temp.Uniformity	≤0.8°C
Air mode temp. range	25.0°C~37.0°C	Humidity control range	30%RH-90%RH
Skin mode temp. range	25.0°C~37.0°C	O2 controll range(option)	20%-60%
Air over temp. range	< 38.0°C	O2 display accuracy(option)	±3%
Air mode hight temp. range	37.1°C~39.0°C	Electrical scale weight range(option)	0.1kg-8.0kg
Skin mode hight temp. range	37.1°C~38.0°C	Electrical scale display range(option)	±50g
Hight temp. Mode alarm	<40.0°C	Noise	≤55dB(A)
Air mode alarm	±3.0°C		
Skin mode alarm	±1.0°C		



Infant Incubator

Model No: RC-BIN4000A

Technical data

- *7 inch LCD touch screen control panel.
- Air temp.and skin temp.servo-controlled by computer;
- Various and self-check alarms
- Free step mattress tilting adjustment;
- Removable humidity trough,easy to clean
- >37°C temperature setting
- With the transfusion shelf and tray
- Added with guardrail
- RS-232 connector
- With drawer and cabinet
- Has humidity display and control function
- Phototherapy is optional
- Electronic lift is optional

Optional models

Model No: RC-BIN4000B

- Based on RC-BIN4000A, with additional O2 concentration control

Model No: RC-BIN4000C

- Based on RC-BIN4000B, with scale weighing function

Specifications

	Model No: RC-BIN4000A	RC-BIN4000B	RC-BIN4000C
Electrical requirement	~220V 50Hz		
Heater Power	550VA		
Air mode temp.range	25.0°C-37.0°C		
Skin mode temp.range	34.0°C-37.0°C		
Air mode temp.alarm	<38.0°C		
Skin mode temp.alarm	<40.0°C(Air temp.)		
Air mode high temp.range	37.1°C~39.0°C		
Skin mode high temp.range	37.1°C~38.0°C		
Hight temp. mode alarm	<40.0°C (Air temp.)		
Air mode temp. display range	20.0°C-45.0°C		
Skin mode temp. display range	25.0°C~45.0°C		
Air mode alarm	±3.0°C		
Skin mode alarm	±1.0°C		
Skin temp. sensor accuracy	±0.3°C		
Temp. control accuracy	≤0.5°C		
Mattress temp.uniformity	≤0.8 °C		
Humidity control range	30-90%RH		
Humidity display range	0-99.9%RH		



Infant Incubator

Model No: RC-BT100



Technical data

- Fan with low noise and long life-span
- Temperature deviation and over temperature could be amended in front panel directly
- A second thermal cut-out function for more safety
- Six operating windows, two side access operating windows can be swiveled
- Double wall hood and with white LED lighting lamp
- With two oxygen cylinder and oxygen flow meter
- With Trolley

Specifications Model No: RC-BT100

Power supply	AC110/220V 60/50Hz
Power input	450VA
Environment temperature	10°C~30°C
Environment relative humidity	30°C~75°C
Environment air velocity of flow	< 1m/s
Air temperature control range	25°C~37°C 37.1°C~38°C
Skin temperature control range	32°C~37°C 37.1°C~38°C
Air/Skin temperature sensor accuracy	±0.3°C
Temperature fluctuation	±1°C
Uniformity of mattress temperature	≤1.5°C
Air temperature deviation alarm	±3°C
Skin temperature deviation alarm	±1°C
Warm-up time	≤40min
Internal noise level	≤60dB(A)
Main battery	DC12V 40AH, Li-ion battery
Charge time	12hours
Battery use time	2hours
Auxiliary battery	DC8.4V 0.17AH, Li-ion battery
Mattress size	63cm(L)*32cm(W)
Trough capacity	1200mL
Air filter	0.5m



Infant Radiant Warmer

Model No: RC-BRW3000A

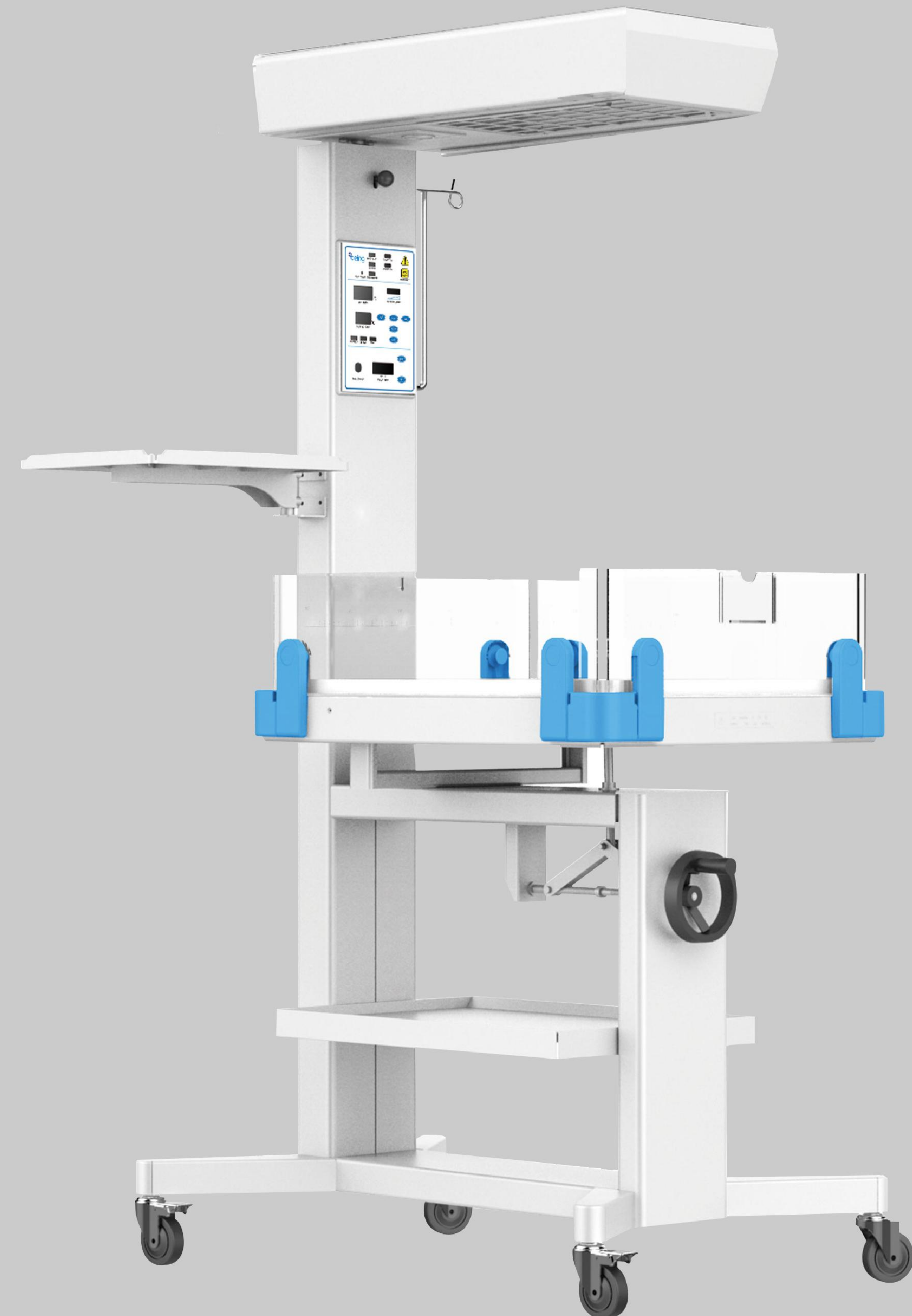
Function

- Skin temp.and manual control by micro-computer
- Separate setting temp.real temp.and timer display windows
- Available adjustment of radiator and mattress tilting
- Four self-check alarms
- APGAR timer
- With one illumination light
- RS-232 connector

Specifications

Model No: RC-BRW3000A

Electrical requirement	~ 220V 50Hz or ~ 230V 60Hz
Power consumption	≤770VA
Air mode temp. range	25.0°C~37.0°C
Over temp. alarm	< 38.0°C
High mode temp.range	37.1°C ~ 38.0°C
High mode temp.alarm	< 39.0°C
Temp . display range	20.0°C - 40.0°C
Temp. deviation alarm	±1.0°C
Skin sensor accuracy	≤±0.3°C
Mattress temp. Uniformity	≤2.0°C
Heating rate	≤30min
APGAR timing	1min. 5min. 10min



Infant Radiant Warmer

Model No: RC-BRW3000B

Function

- Skin temp.and manual control by micro-computer
- Separate setting temp.real temp.and timer display windows
- Available adjustment of radiator and mattress tilting
- Four self-check alarms
- With one illumination light
- RS-232 connector



Optional models

RC-BRW3000B: based on RC-BRW3000A with two sides fluresnt phototherapy

RC-BRW3000B (New)

based on RC-BRW3000B with X-ray tray

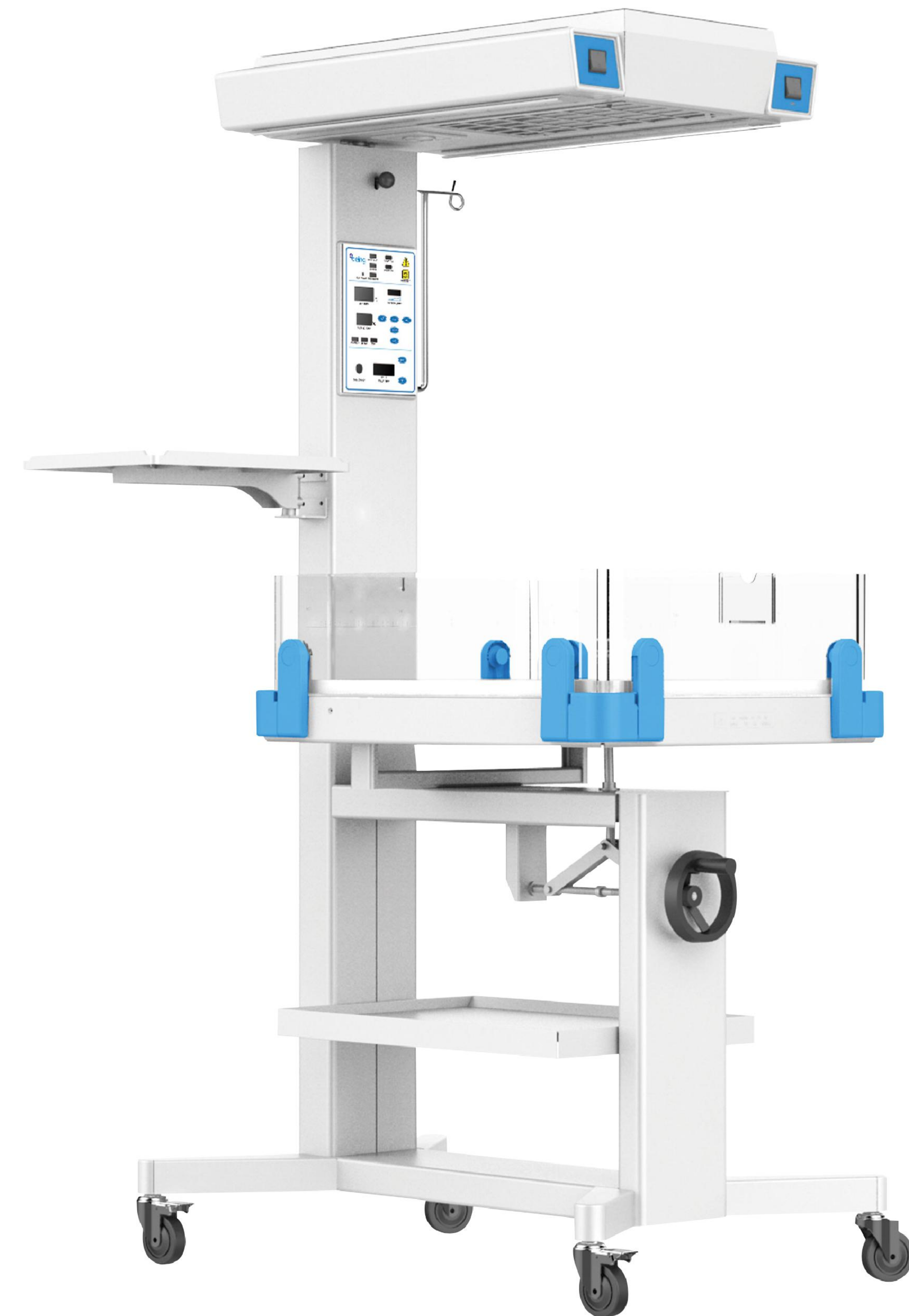
RC-BRW3000B (Plus)

based on RC-BRW3000B with suction unit and oxygen bottles&flow meter

Specifications

Model No: RC-BRW3000B

Electrical requirement	~ 220V 50Hz or ~ 230V 60Hz
Power consumption	≤770VA
Air mode temp. range	25.0°C~37.0°C
Over temp. alarm	<38.0°C
High mode temp.range	37.1°C ~ 38.0°C
High mode temp.alarm	<39.0°C
Temp . display range	20.0°C - 40.0°C
Temp. deviation alarm	±1.0°C
Skin sensor accuracy	≤±0.3°C
Mattress temp. Uniformity	≤2.0°C
Heating rate	≤30min
APGAR timing	1min. 5min. 10min



Infant Radiant Warmer

Model No: RC-BRW3000B NEW

Function

- Skin temp.and manual control by micro-computer
- Separate setting temp.real temp.and timer display windows
- Available adjustment of radiator and mattress tilting
- Four self-check alarms
- With one illumination light
- RS-232 connector
- APGAR timer
- With two sides fluoreseent phototherapy
- With X-ray tray

Optional models

RC-BRW3000B (New)

based on RC-BRW3000B with X-ray tray

RC-BRW3000B (Plus)

based on RC-BRW3000B with suction unit and oxygen bottles&flow meter

Specifications

Model No: RC-BRW3000B NEW

Electrical requirement	~ 220V 50Hz or ~ 230V 60Hz
Power consumption	≤770VA
Air mode temp. range	25.0°C~37.0°C
Over temp. alarm	<38.0°C
High mode temp.range	37.1°C ~ 38.0°C
High mode temp.alarm	<39.0°C
Temp. deviation alarm	±1.0°C
Skin sensor accuracy	≤±3.0°C
Mattress temp. Uniformity	≤2.0°C
Heating rate	≤30min
APGAR timing	1min. 5min. 10min



Infant Radiant Warmer

Model No: RC-BRW3000B Plus

Function

- Skin temp.and manual control by micro-computer
- Separate setting temp.real temp.and timer display windows
- Available adjustment of radiator and mattress tilting
- Four self-check alarms
- With one illumination light
- RS-232 connector

Optional models

RC-BRW3000B: based on RC-BRW3000A with two sides fluresnt phototherapy

RC-BRW3000B (New)

based on RC-BRW3000B with X-ray tray

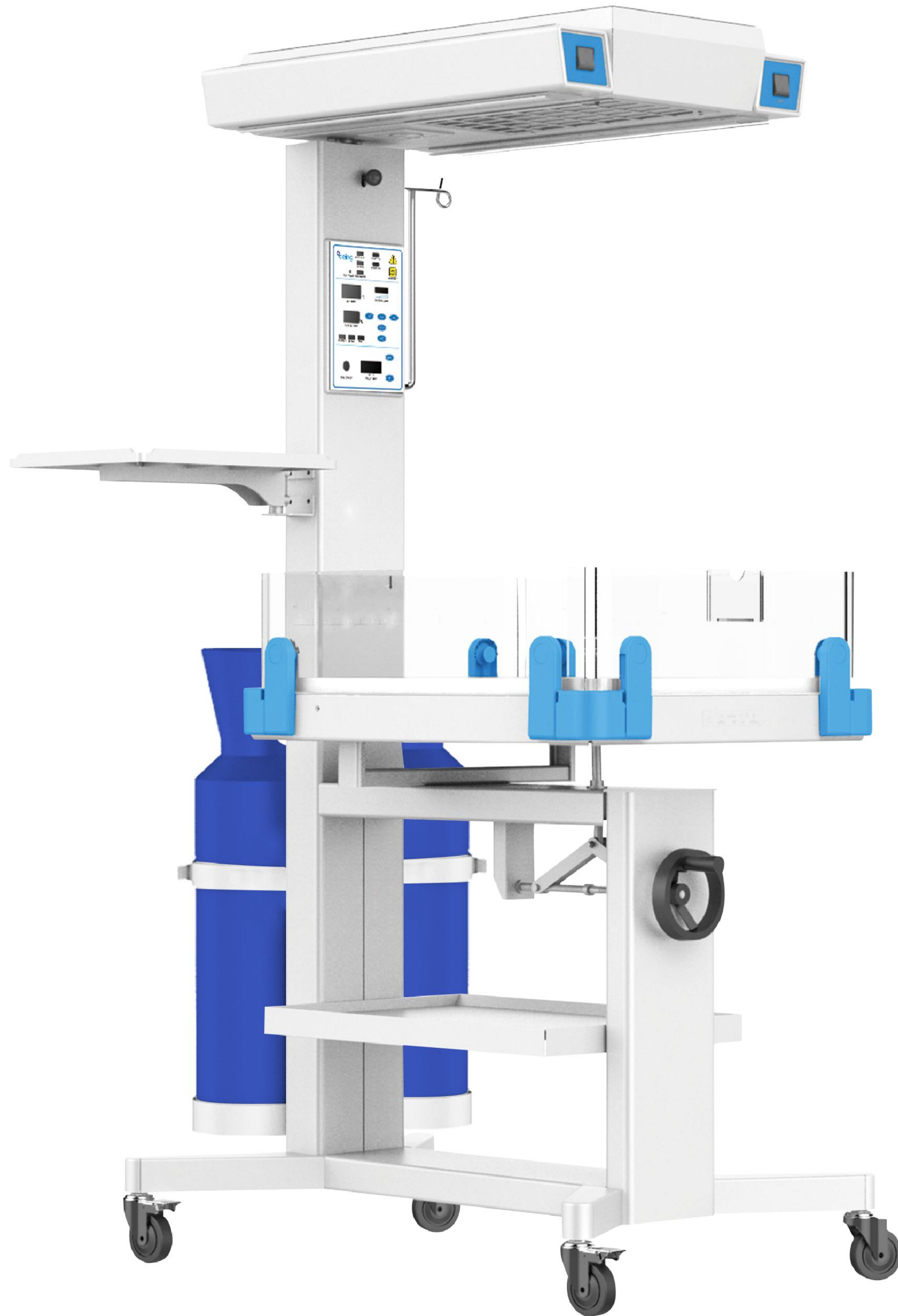
RC-BRW3000B (Plus)

based on RC-BRW3000B with suction unit and oxygen bottles&flow meter

Specifications

Model No: RC-BRW3000B Plus

Electrical requirement	~ 220V 50Hz or ~ 230V 60Hz
Power consumption	≤770VA
Air mode temp. range	25.0°C~37.0°C
Over temp. alarm	<38.0°C
High mode temp.range	37.1°C ~ 38.0°C
High mode temp.alarm	<39.0°C
Temp. deviation alarm	±1.0°C
Skin sensor accuracy	≤±3.0°C
Mattress temp. Uniformity	≤2.0°C
Heating rate	≤30min
APGAR timing	1min. 5min. 10min



Infant Radiant Warmer

Model No: RC-BRW4000A

Function

- Skin temp.and manual control by micro-computer
- Separate setting temp.real temp.and timer display windows
- Available adjustment of radiator and mattress tilting
- Four self-check alarms
- With one illumination light
- RS-232 connector
- With X-ray cassette
- LED phototherapy is optional
- Electronic lift is optional

Optional models

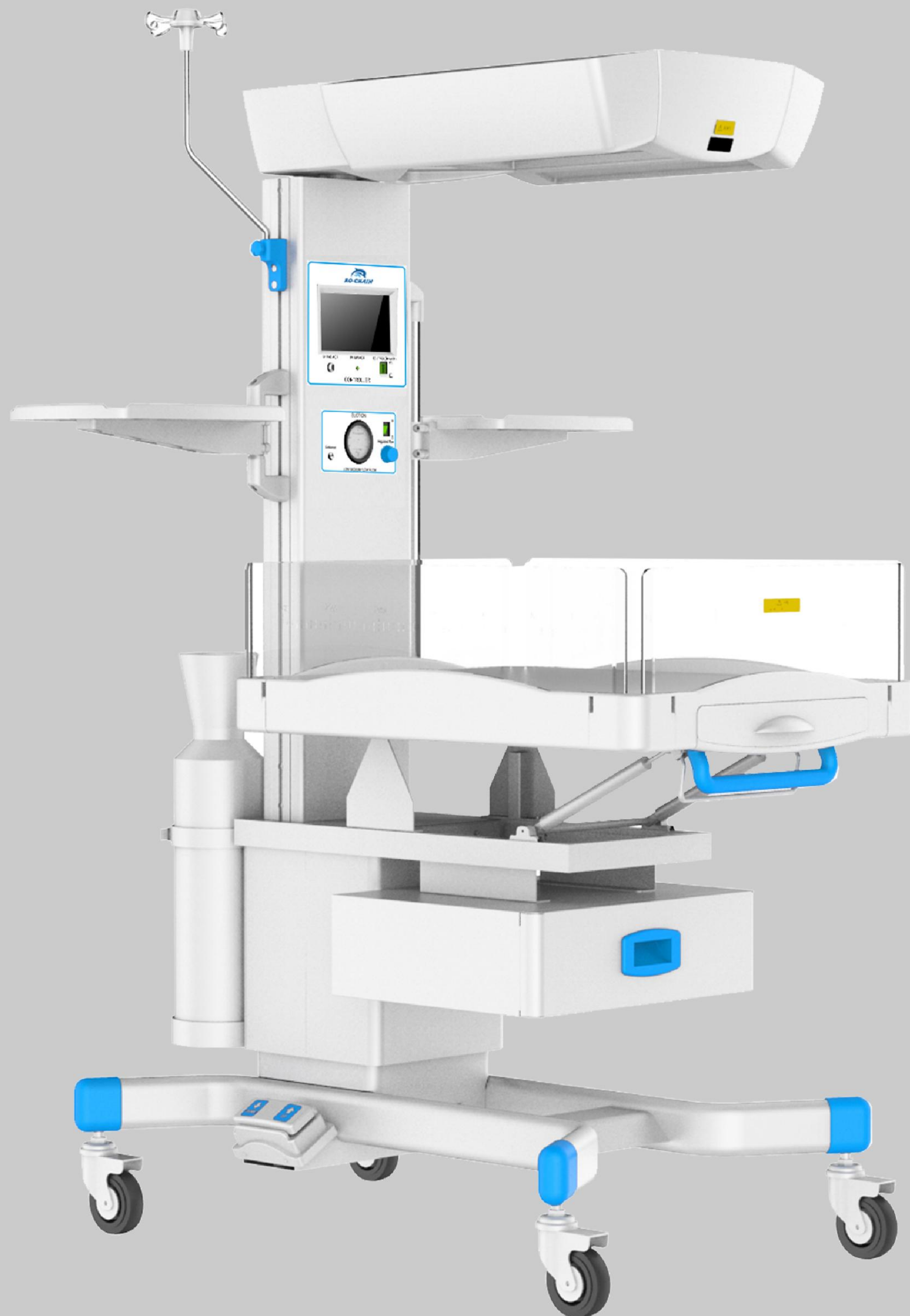
RC-BRW4000B:

Based on above features has Sunction and Oxygen bottle(6.3LX2)and Oxygen flow meter

Specifications

Model No: RC-BRW4000A Model No: RC-BRW4000B

Electrical requirement	~ 220V 50Hz or ~ 230V 60Hz
Power consumption	≤700VA
Air mode temp. range	25.0°C~37.0°C
Over temp. alarm	<38.0°C
High mode temp.range	37.1°C ~ 38.0°C
High mode temp.alarm	<39.0°C
Temp . deviation alarm	±1.0°C
Skin sensor accuracy	≤±0.3°C
Mattress temp. Uniformity	≤2.0°C
Heating rate	≤30min
APGAR timing	1min. 5min. 10min



Infant Phototherapy Unit

Model No: RC-BL500D

Function

- Small size, light and high irradiation
- LED Blue light as the radiant source is irradiating uniformly and efficient
- Circle 360 double sides for more effective radiation
- Two phototherapy mode: up side phototherapy and down side phototherapy, can be use separately
- The electronic ballast makes the power supply adaptable and the power factor high
- Therapy time of phototherapy units from up and down side are displayed separately
- Automatically record each therapy time and total used therapy time
- Air temperature and skin temperature separately displayed
- Power off memory, sincere key for alarm, key-locking and self-examination function
- Four alarm functions for safety: Power failure, probe failure, over temperature, fan failure
- It is convenient to know the therapy of the infant through observation ports on both sides
- Adopt air spring structure and the hood is easy to open and close
- The aluminum-magnesium alloy is applied on the base, with two drawers and tray

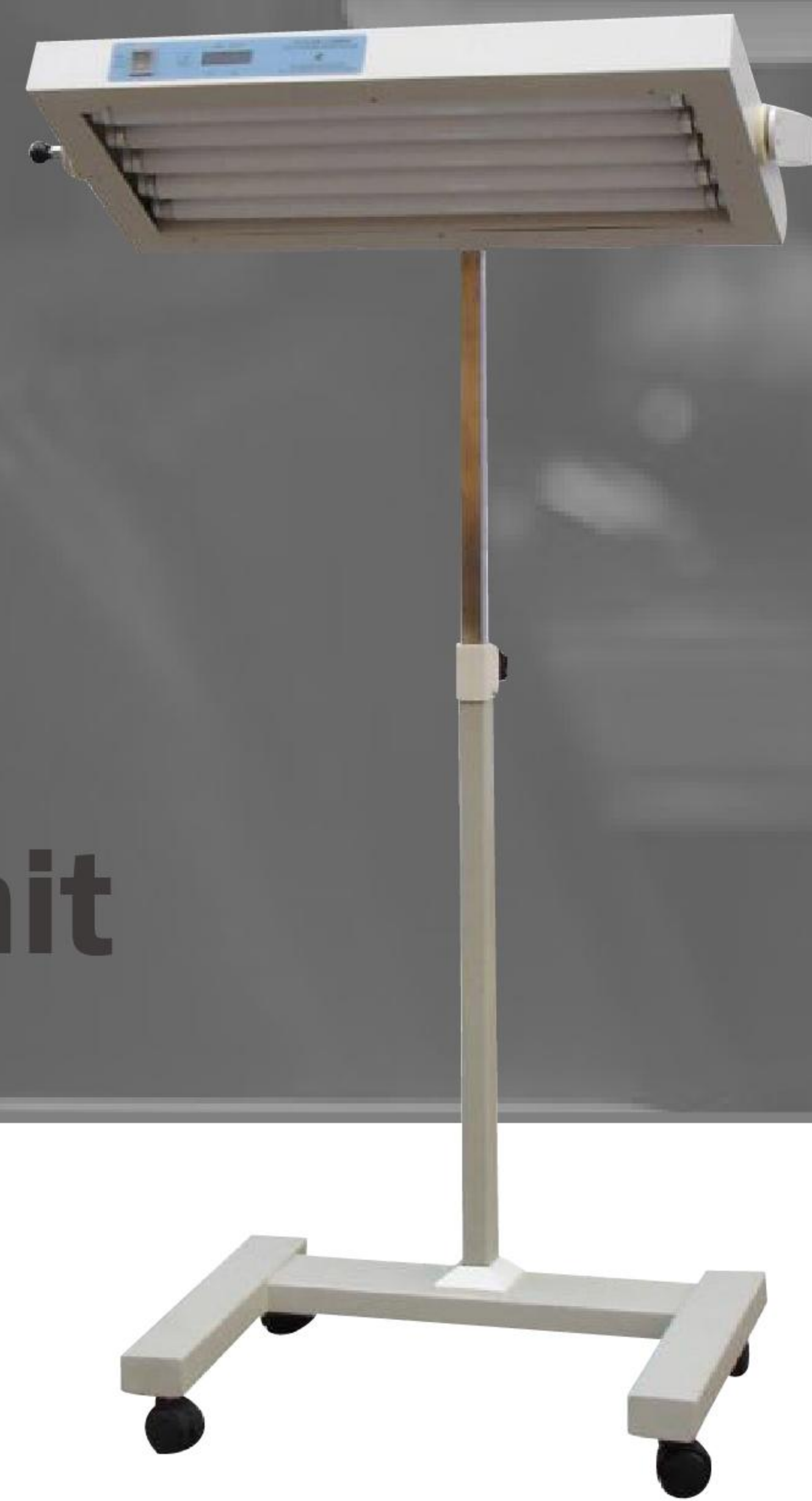
Specifications

Power supply	AC220V±10%, 50Hz±2%
Power input	≤400VA
Blue light wavelength	420nm~490nm
Circle 360 light radiation	3700μW/cm ²
Up side light radiation	3300μW/cm ²
Down side light radiation	2400μW/cm ²
Life span of blue light tube	≥20000 hours
Air temperature display range	0~45.0°C
Skin temperature display range	0~45.0°C
Time accuracy	1min/2h
Count-up time range	0~99.9 hours
Count-down time range	1min~99.9 hours
Total cumulative time	0~999999 hours
Mattress size	613×300mm
Ambient temperature	+18°C ~ +30°C
Relative humidity	30%~75%
Atmospheric pressure	700hpa~1060hpa



Infant Phototherapy Unit

Model No: RC-B100(LED)



Technical data

- Use blue tube or LED as light source
- LED Digital Timer, display therapy time & total time
- Lifting & Mobile Stand, radiant head rotating by angle of 30°/ 60° /90°

Specifications

Input power:	<150VA
Light source:	Blue tube/ LED tube(360pcs LED blubs)
Light source effective life:	2,000 /50,000 hours
Wavelength:	400-550nm
Irradiance treatment distance:	10~500px
Effective area:	1125px×600px
Bilirubin total irradiance maximum (Ebi max):	≥2000μW/cm2
Ebi in effective area surface:	≥500μW/cm2
Ebi average in effective area surface:	≥400μW/cm2
Uniformity of Ebi:	>0.4
Infrared radiation in effective area:	≤10mW/cm2(760nm<λ≤1400nm)
Ultraviolet radiation in effective area:	≤1.0×10-5mW/cm2 (180nm<λ≤400nm)
Time display accuracy:	2h±1min
Operate noise:	≤55dB(A) (ambit noise is lower than 40dB(A))
Basic performance:	The equipment total irradiance (Ebi) ≥500μW/cm2
Time display range:	9999h 59min
Adjust angle:	30°、 60°、 90°
Adjust height:	1100mm ~1500mm

Model No: RC-BBP2000B(LED)



Technical data

- LCD display indicates the accumulative running time and the current time
- With white LED lights for easy examination
- Easy move with wheels
- Programmable system controller to set different lighting intensity for different time

Specifications

Bilirubin Radiancy (40cm)	3750μw/cm ² (62.5μw/cm ² /nm)
Bilirubin Radiancy (50cm)ap	3200μw/cm ² (53μw/cm ² /nm)
Lighting Intensity	33%,67%,100%
White Light	Yes
Power	≤60VA
Wave Length	400nm~550nm
Radiant Space	400×250mm
Radiant Uniformity	>0.4
Therapy Time Set	0~99h59m
Height Range	1350mm~1650mm

Transcutaneous jaundice meter

Model No: RC-JD01



Main Applications:

It is used for early screening of neonatal jaundice in neonatal pediatrics, child care departments and other departments of hospitals at all levels.

Technical specifications:

- a. Measurement method: light reflection type;
- b. Light source: LED;
- c. Display screen: liquid-crystal display;
- d. Indication value tolerance: 0-25 mg / dl \pm 1.0 mg / dl;
- e. Power supply: lithium battery DC3 7V, \geq 1500mah, it could be used for more than 800 times after one full charge;
- f. Calibration tool: Indication value shows 0 in the white end and shows 16.0 \pm 1.0 in the yellow end.

Main functions:

- a. Display simultaneously both measuring units -- μ mol/L、 mg/dL.
- b. Data storage function: it has the function of storing 200 measured values.
- c. Caculate average value: it could caculate the average value of first five tests.
- d. Start up and use without preparation time.
- e. Battery voltage detection: when the battery voltage of the meter is too low, the screen displays "low battery".
- f. Automatic shutdown function: when not in the charging state, the meter stops operation and automatically shuts down after 10 minutes.
- g. Battery power display: when the upper right corner of the screen displays , they respectively indicate that the remaining power is about 100%, 75%, 50%, 25% and 0%.
- h. Charging display function: when the instrument is charged, the display screen will be on and shows "charging..." .
- i. Automatic charging protection function: when the battery of meter is charged to 4.2V \pm 0.05v, the charging will be stopped automatically (the charging current is less than or equal to 20mA).

Main accessories list

	quantity / unit
Main Machine	1 piece
Calibration tool	1 piece
Charger	1 piece
Charging cable	1 piece
Manual	1 piece
Certificate	1 piece