

disonmed

Big data contain great wisdom

New idea bring new ecology

Diligently create the cradle of life



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C COMPANY PROFILE

ABOUT DISON

Zhengzhou Dison Instrument And Meter Co., Ltd. was founded in 1997, which is a high-tech enterprise in Henan Province, specializing in the development, production and sales of neonatal care medical equipment. The company's products are mainly baby incubators, transport infant incubators, infant radiant warmers and infant phototherapy units. The joint key project of the company and Zhengzhou University has been approved and supported by the Provincial Science and Technology Department, rated as Zhengzhou Infant Nursing Medical Equipment Engineering Technology Research Center (key laboratory). Dison has passed ISO9001: 2015 quality system certification, ISO13485:2016 quality system certification and TÜV Rheinland CE certification.

Dison is awarded high-quality suppliers of the UNFPA and the UNICEF. Dison is a main participant in the projects of the United Nations Office for Project Services and the United Nations High Commissioner for Refugees, also cooperating with WHO, USAID and NGO organizations. Dison upholds the business philosophy of "integrity, diligence, excellence and innovation", adhere to first-class technology and service as the basis and the principle of customer first, and work hand in hand with friends from abroad for extensive cooperation and common progress.

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- 1997
DISON company established
 - 2004
DISON brand "baby incubator" "infant radiant warmer" obtain REGISTRATION CERTIFICATE FOR MEDICAL DEVICE
 - 2005
DISON brand "baby incubator" "infant radiant warmer" is identified Scientific and technological achievements by Henan province; And also approve high technology products too
 - 2006
As china medical equipment association rules , DISON company becomes member of "China Medical equipment association"
 - 2007
DISON brand "infant phototherapy unit" obtain REGISTRATION CERTIFICATE FOR MEDICAL DEVICE
 - 2008
DISON brand "baby incubator" "infant radiant warmer " obtained CE certificate issued by TÜV Rheinland company from Germany
 - 2010
Zhengzhou Dison instrument and meter co.,Ltd is awarded advanced enterprise of "earthquake relief work of Qinghai Yushu"
 - 2014
R&D gain well achievement, and obtain eight proprietary technology on research and development
 - 2016
Dison's new headquarter office, improve internal management system
 - 2018
Launch more products research and extend R&D team

BABY INCUBATOR SERIES



BB-6000

- Incubator and warmer work mode, servo controlled by micro-computer, convert automatically
- Multi audible and visual alarm functions, self-testing function
- 8" rotatable and movable color LCD display touchscreen with day & night modes
- Observe light with brightness adjustable, one tray and one big drawer
- Temperature trend for 24 hours
- Infant bed can be pulled out bidirectionally
- USB, RS-232 connector, SD card slot
- Foot pedal electric elevator

INCUBATOR:

- Temp control mode: Air and Skin mode
- Humidity control system, oxygen concentration control system
- Two skin temp sensors for measurement of central and peripheral
- Set temperature, air temperature, baby skin temperature, humidity, oxygen concentration, timer and heating power, SpO₂ are displayed separately
- > 37°C temperature set function
- Triple protection for over temperature with separate cut off device, more safety system
- Double wall hood, 4 operating windows, 1 iris port
9 big infusion seals, independent locking device
- Oxygen inlet

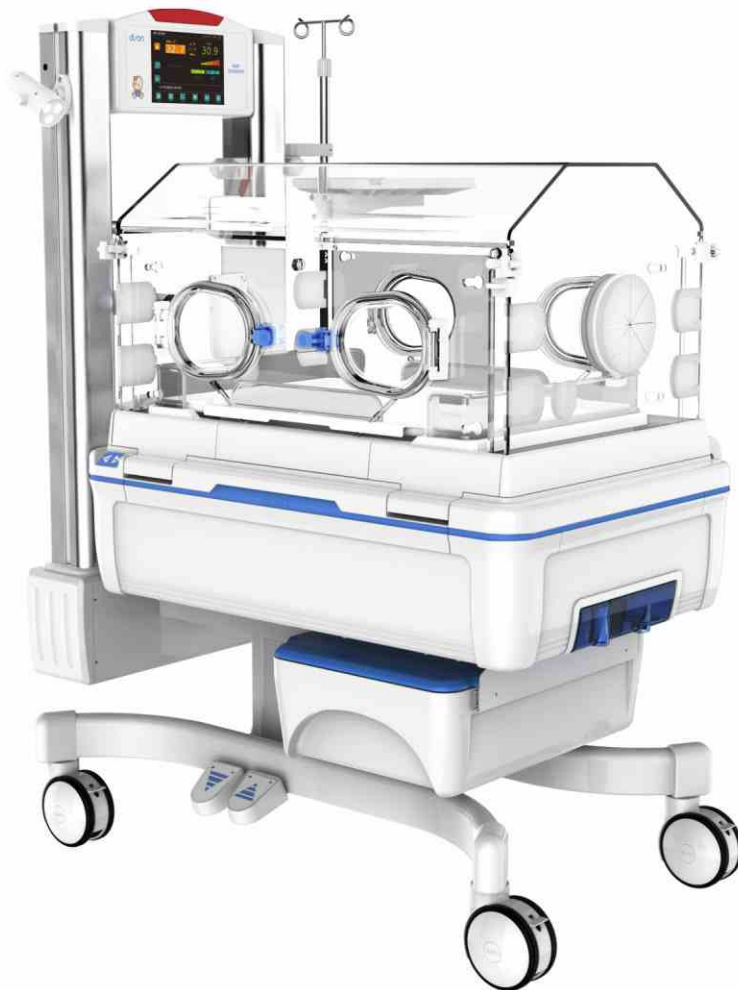
WARMER:

- Control mode: Pre-warm, manual and automatic mode
- Carbon steel heater more effective
- Special design inclined heater head is more convenient for X-ray image
- Bigger mattress, electric infant bed tilt $\pm 12^\circ$
- Transparent protector can be fold down with damping function
- Baby weight system, X-ray cassette tray
- Optional:
Down side phototherapy, CCD camera



BB-5000

- Air and skin temperature mode servo controlled by micro-computer
- 10" color LCD display touchscreen with air and skin temperature graph
- Humidity control system, oxygen concentration control system, baby weight system
- Multiple audible and visual alarm function, self-testing function
- Double fan, air curtain structure, better temperature uniformity, reduce heat loss during operation
- The left and right doors can be both open, with damping function independent locking device for both door
- Electronic bed tilting, $\pm 12^\circ$ step-less adjustable, The bed can be pulled out from both sides
- Two skin temp sensors for measurement of central and peripheral
- Observe light with brightness adjustable
- The height of whole unit can be adjusted, double pedal switch
- $>37^\circ\text{C}$ temperature set function
- Set temperature, air temperature, baby skin temperature, humidity, oxygen concentration, timer and heating power, SpO2 are displayed separately
- The drawer can be pulled out from both sides
- Double wall hood, 4 operating windows, 1 iris port, 9 big infusion seals
- X-ray cassette tray
- RS232 connector, Oxygen inlet, 1 tray
- Optional:
Double LED phototherapy

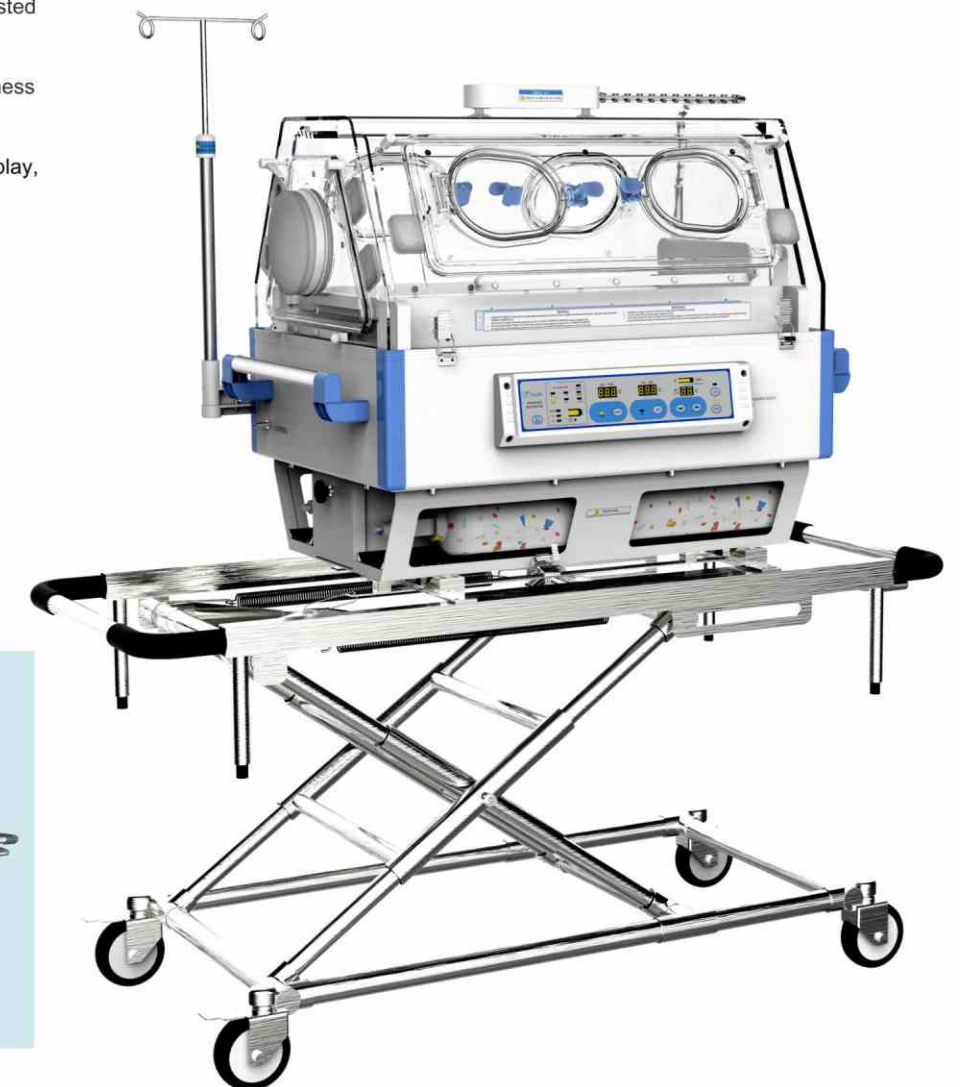


BT-100 Transport Incubator

- Air mode and Baby mode controlled by micro-computer
- Use AC Power and DC Power alternatively, DC12V or DC 24V Power on the ambulance
- Set temperature, air temperature, skin temperature and internal battery power can be displayed by LED
- Self-testing function, multi audible and visual alarm function
- Double wall hood with 4 operating windows, 1 iris ports and 6 infusion seals
- The infant bed can be pulled out from side door easily
- Natural air flow humidity
- The height of whole unit can be adjusted
- Oxygen supply system
- LED observe light, adjustable brightness
- Optional:
Ambulance type trolley, humidity display, oxygen concentration control, SpO2



Ambulance type trolley



BB-300 Plus

- Air and skin temperature mode servo controlled by micro-computer
- 8" color LCD display touchscreen with skin temperature graph
- Humidity control system, oxygen concentration control system, baby weight system
- Set temperature, air temperature, baby skin temperature, humidity, oxygen concentration, SpO₂ and heating power are displayed separately on LCD
- Self - testing function, multiple audible and visual alarms
- >37°C temperature set function
- Double skin sensors
- Triple protection for over temperature with automatically cut off function
- The inclination of infant bed is adjustable
- Double wall hood, 4 operating windows and 2 iris ports, 5 infusion seals
- Independent locking device for front door
- RS232 connector, Oxygen inlet
- Optional:
Electric elevator, CCD camera,
LED phototherapy unit, Air and oxygen blender



New humidifier

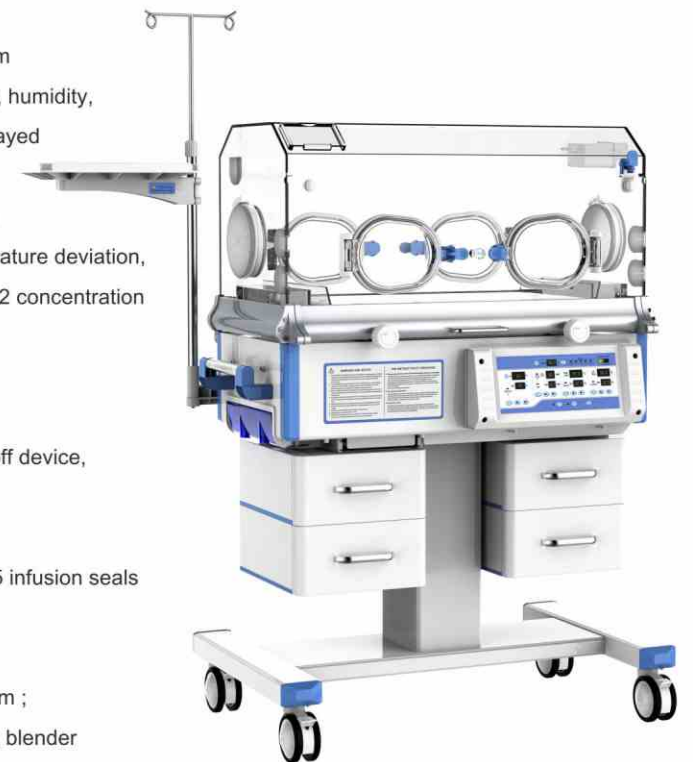


New access port



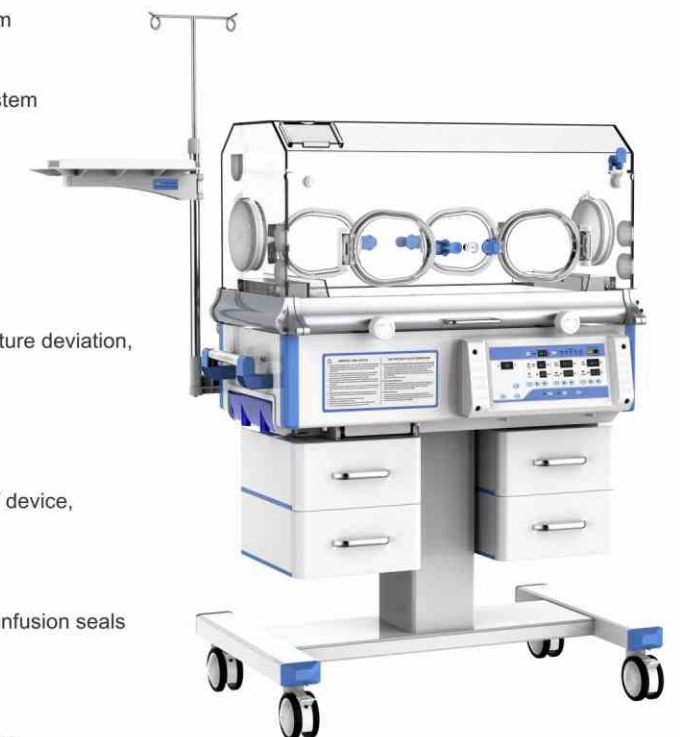
BB-300 Top Grade

- Microprocessor based servo controlled temperature system
- Control modes: Air mode and baby skin mode
- Humidity control and oxygen concentration control system
- Set temperature, air temperature, baby skin temperature, humidity, oxygen concentration, timer and heating power are displayed separately by LED
- Self - testing function, multiple audible and visual alarms
- Alarm functions: Power failure, over temperature, temperature deviation, fan failure, temperature sensor failure, low water level, O₂ concentration deviation
- >37°C temperature set function
- Embedded integrated sensor module
- Triple protection for over temperature with separate cut off device, more safety system
- The inclination of infant bed is adjustable
- Double wall hood, 4 operating windows and 2 iris ports, 5 infusion seals
- Independent locking device for front door
- RS232 connector, Oxygen inlet, 1 tray
- Optional function: X-ray cassette tray; Baby weight system ;
Electric elevator; LED phototherapy unit; Air and oxygen blender



BB-300 Standard

- Microprocessor based servo controlled temperature system
- Control modes: Air mode and baby skin mode
- Humidity control system, oxygen concentration display system
- Set temperature, air temperature, baby skin temperature, humidity, oxygen concentration, timer and heating power are displayed separately by LED
- Integral timer to record therapy time
- Self - testing function, multiple audible and visual alarms
- Alarm functions: Power failure, over temperature, temperature deviation, fan failure, temperature sensor failure, low water level,
- >37°C temperature set function
- Embedded integrated sensor module
- Triple protection for over temperature with separate cut off device, more safety system
- The inclination of infant bed is adjustable
- Double wall hood, 4 operating windows and 2 iris ports, 5 infusion seals
- Independent locking device for front door
- RS232 connector, Oxygen inlet, 1 tray
- Optional function: X-ray cassette tray; Baby weight system ;
Electric elevator; LED phototherapy unit; Air and oxygen blender



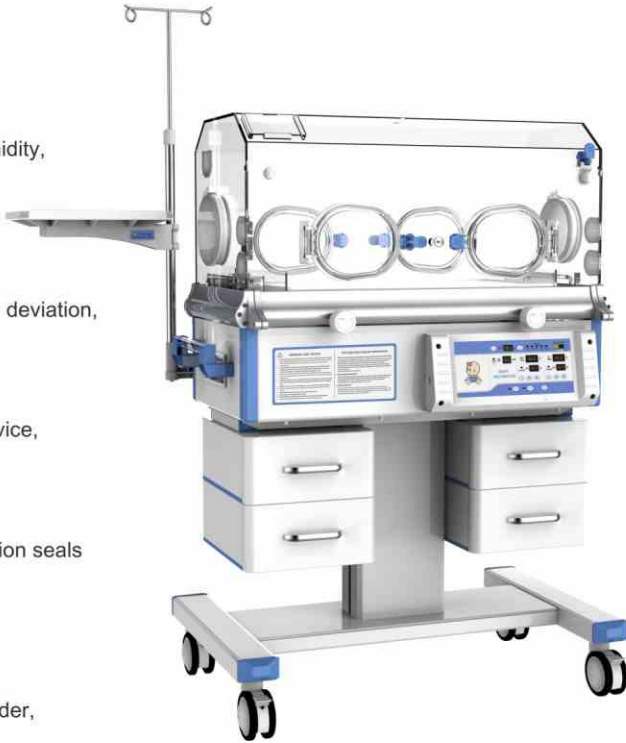
BB-200 Luxurious

- Microprocessor based servo controlled temperature system
- Control modes: Air mode and baby skin mode
- Humidity control system
- Set temperature, air temperature, baby skin temperature, humidity, timer and heating power are displayed separately by LED
- Integral timer to record therapy time
- Self - testing function, multiple audible and visual alarms
- Alarm functions: Power failure, over temperature, temperature deviation, fan failure, temperature sensor failure, low water level
- >37°C temperature set function
- Triple protection for over temperature with separate cut off device, more safety system
- The inclination of infant bed is adjustable
- Single wall hood, 4 operating windows and 2 iris ports, 5 infusion seals
- Independent locking device for front door
- RS232 connector, Oxygen inlet, 1 tray
- Optional function:
X-ray cassette tray; Baby weight system;
Electric elevator; LED phototherapy unit;
Double wall hood; Air and oxygen blender



BB-200 Top Grade

- Microprocessor based servo controlled temperature system
- Control modes: Air mode and baby skin mode
- Humidity display system
- Set temperature, air temperature, baby skin temperature, humidity, timer and heating power are displayed separately by LED
- Integral timer to record therapy time
- Self - testing function, multiple audible and visual alarms
- Alarm functions: Power failure, over temperature, temperature deviation, fan failure, temperature sensor failure
- >37°C temperature set function
- Triple protection for over temperature with separate cut off device, more safety system
- The inclination of infant bed is adjustable
- Single wall hood, 4 operating windows and 2 iris ports, 5 infusion seals
- Independent locking device for front door
- RS232 connector, Oxygen inlet, 1 tray
- Optional function: X-ray cassette tray; Baby weight system ;
Electric elevator; LED phototherapy unit; Air and oxygen blender, Double wall hood.



BB-200 Standard

- Microprocessor based servo controlled temperature system
- Control modes: Air mode and baby skin mode
- Humidity is adjustable continuously
- Set temperature, air temperature, baby skin temperature, timer and heating power are displayed separately by LED
- Self - testing function, multiple audible and visual alarms
- Alarm functions: Power failure, over temperature, temperature deviation, fan failure, temperature sensor failure
- >37°C temperature set function
- Triple protection for over temperature with separate cut off device, more safety system
- The inclination of infant bed is adjustable
- Single wall hood, 4 operating windows and 2 iris ports, 5 infusion seals
- Independent locking device for front door
- RS232 connector, Oxygen inlet, 1 tray
- Optional function: X-ray cassette tray; Baby weight system ;
Electric elevator; LED phototherapy unit; Air and oxygen blender, Double wall hood.



BB-100 Top Grade

- Microprocessor based servo controlled temperature system
- Control mode: Air mode
- Humidity is adjustable continuously
- Set temperature, air temperature, heating power are displayed separately by LED
- Self - testing function, multiple audible and visual alarms
- Alarm functions: Power failure, over temperature, temperature deviation, fan failure, temperature sensor failure
- >37°C temperature set function
- Triple protection for over temperature with separate cut off device, more safety system
- The inclination of infant bed is adjustable
- Single wall hood, 4 operating windows and 2 iris ports, 3 infusion seals
- Independent locking device for front door
- RS232 connector, Oxygen inlet, cabinet base
- Optional function: X-ray cassette tray, LED phototherapy unit



BB-100 Standard

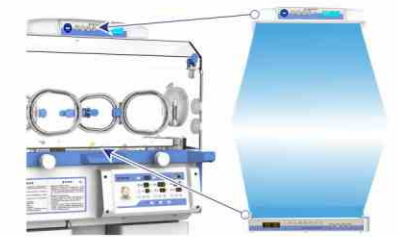
- Microprocessor based servo controlled temperature system
- Control mode: Air mode
- Humidity is adjustable in two levels
- Set temperature, air temperature, heating power are displayed separately by LED
- Self - testing function, multiple audible and visual alarms
- Alarm functions: Power failure, over temperature, temperature deviation, fan failure, temperature sensor failure
- >37°C temperature set function
- Triple protection for over temperature with separate cut off device, more safety system
- The inclination of infant bed is adjustable
- Single wall hood, 4 operating windows and 2 iris ports, 3 infusion seals
- Locking device for front door
- RS232 connector, 1 tray
- Optional function: X-ray cassette tray, LED phototherapy unit



Optional function for baby incubators

LED phototherapy unit

(Upside BL-30D, downside BL-100D)



Double wall hood

(BB-200 / BB-300 series)

Electric elevator

(BB-200 / BB-300 series)



Baby weight system

(BB-200 / BB-300 series)

X-ray cassette tray

(Not available when use downside phototherapy)



INFANT RADIANT WARMER SERIES



BN-200 Plus

- Microprocessor based servo controlled temperature system
- Three modes: pre-warm, manual and automatic
- Audible and visual Alarm functions :
Power failure, temperature deviation, temperature sensor failure,
skin temperature failure, over temperature
- Skin temperature, auxiliary temperature and ambient temperature are displayed separately
- Built-in breath combination mode (negative pressure suction, continuous oxygen infusion, cardiopulmonary resuscitation)
- 10"LCD colorful touch screen
- Carbon steel heater more effective
- Separate keyboard lock to prevent misoperation
- Special design inclined heater head is more convenience for X-ray image
- Convenient X-ray cassette tray under infant bed
- Integral timer to record therapy time
- Electric infant bed step-less adjustable tilt $\pm 12^\circ$
- Four transparent protector with 12 infusion seals can be
flipped and removed, damping slow down
- The height of whole unit can be adjusted, pedal switch
- LED observation light, lighting direction 360°adjustable
- The tray is adjustable up and down
- With oxygen supply system, LED phototherapy,
baby weight system, pulse oximeter
- With RS-232 connector and 1 big drawer



INFANT RADIANT WARMER

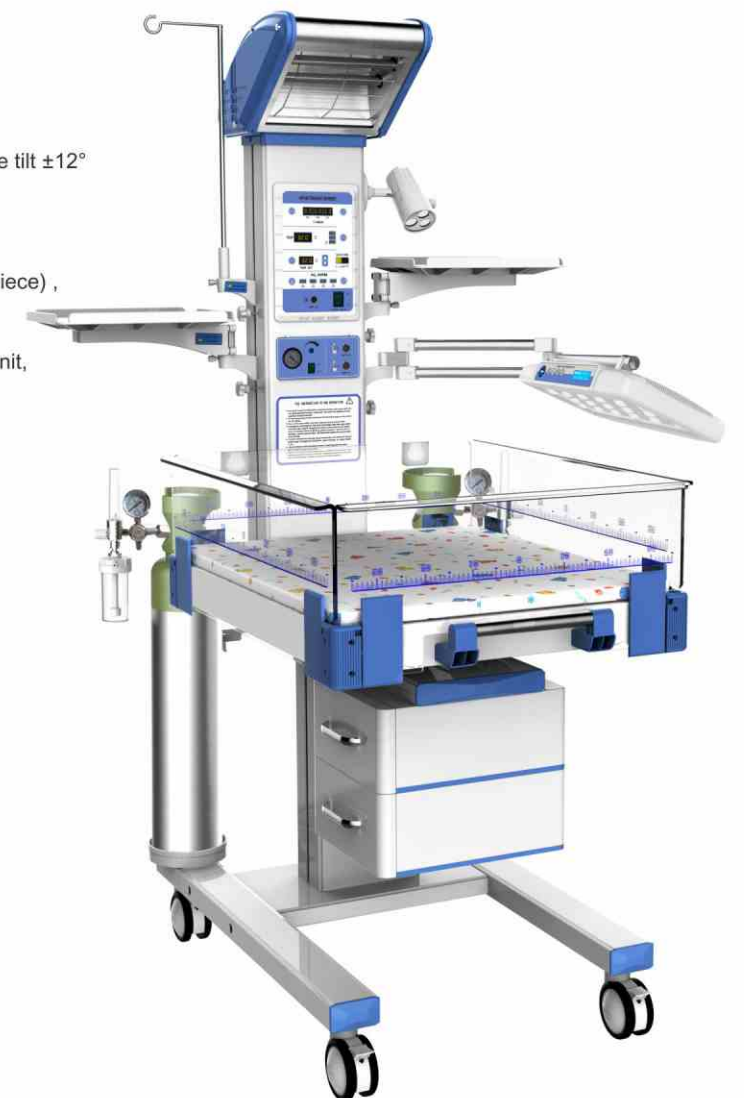
BN-200 Standard

- Microprocessor based servo controlled temperature system
- Control modes: pre-warm, manual and automatic
- Audible and visual alarm functions: Power failure, temperature deviation, temperature sensor failure, skin temperature failure, over temperature
- 8" LCD colorful touch screen
- Carbon steel heater more effective
- Special design Inclined heater head is more convenient for X-ray image
- Integral timer to record therapy time
- Bigger mattress,
- Skin temperature trend for 2 hours
- Electric infant bed step-less adjustable tilt $\pm 12^\circ$
- Four transparent protector with two infusion seals
- Convenient X-ray cassette tray under infant bed
- Electric elevator
- LED observation light, oxygen supply system and LED phototherapy
- With RS-232 connector, 2 trays and 2 drawers
- Optional Parts: low pressure aspirator, internal / external infant resuscitator (T piece), Air and oxygen blender, Gel mattress



BN-100 Luxurious

- Microprocessor based servo controlled temperature system
- Control modes: pre-warm, manual and automatic
- Set temperature and skin temperature display separately
- Special design Inclined heater head is more convenient for X-rays image
- Carbon steel heater more effective
- Audible and visual alarm functions: Power failure, temperature deviation, temperature sensor failure, skin temperature sensor, over temperature
- APGAR timer to record therapy time
- Convenient X-ray cassette tray under infant bed
- LED observation light adjustable, brightness adjustable
- Four transparent protector with two infusion seals
- LED phototherapy unit, oxygen supply system
- Bigger infant bed, Electric infant bed step-less adjustable tilt $\pm 12^\circ$
- Built in low pressure aspirator
- With RS-232 connector, 2 trays and 2 drawers
- Optional Parts: internal / external infant resuscitator (T piece), Air and oxygen blender, Gel mattress, Electric elevator, Air temperature & count down timer, Infant head fixing unit, Infant oxygen hood.



BN-100 Top Grade

- Microprocessor based servo controlled temperature system
- Control modes: pre-warm, manual and automatic
- APGAR timer to record therapy time
- Audible and visual alarm functions: Power failure, temperature deviation, temperature sensor failure, skin temperature failure, over temperature
- LED observation light adjustable, brightness adjustable
- Convenient X-ray cassette tray under infant bed
- Heater head can be adjusted $\pm 90^\circ$ horizontally
- Tilt angle of infant bed is adjustable
- Four transparent protector with two infusion seals
- Integrated low pressure aspirator
- LED phototherapy unit
- PVC resuscitator
- With RS-232 connector, 2 trays and 2 drawers
- Optional Parts: internal / external infant resuscitator (T piece) , Air and oxygen blender, Gel mattress, Oxygen supply system, Electric elevator, Air temperature&count down timer, Infant head fixing unit, Infant oxygen hood.



BN-100 Standard

- Microprocessor based servo controlled temperature system
- Control modes: pre-warm, manual and automatic
- APGAR timer to record therapy time
- Audible and visual alarm functions: Power failure, temperature deviation, temperature sensor failure, skin temperature failure, over temperature
- LED observation light adjustable, brightness adjustable
- Convenient X-ray cassette board under infant bed
- Heater head can be adjusted $\pm 90^\circ$ horizontally
- Tilt angle of infant bed is adjustable
- Four transparent protector with two infusion seals
- With RS-232 connector, 2 trays and 2 drawers
- Optional Parts: Bigger infant bed , Low pressure aspirator, LED phototherapy unit , internal / external infant resuscitator (T piece) , Air and oxygen blender ,Gel mattress, Oxygen supply system, Electric elevator, Infant head fixing unit, Air temperature&count down timer, Infant oxygen hood.



INFANT RADIANT WARMER

BN-100A Top Grade

- Microprocessor based servo controlled temperature system
- Control modes: pre-warm, manual and automatic
- APGAR timer to record therapy time
- Audible and visual alarm functions: Power failure, temperature deviation, temperature sensor failure, skin temperature failure, over temperature
- Convenient X-ray cassette tray under infant bed
- Heater head can be adjusted $\pm 90^\circ$ horizontally
- Tilt angle of infant bed is adjustable
- A second thermal cut-off function for more safety
- LED observation light adjustable, brightness adjustable
- Four transparent protector with two infusion seals
- Skin temperature sensor failure protect function avoid over temperature
- RS232 connector, 1 tray



BN-100A Standard

- Microprocessor based servo controlled temperature system
- Control modes: manual and automatic
- Set temperature and skin temperature are displayed by LED
- Alarm functions: Power failure, temperature deviation, temperature sensor failure, skin temperature failure, over temperature
- A second thermal cut-off function for more safety
- Adopts anti-explosion micro crystal quartz infrared radiation tube
- LED observation light adjustable, brightness adjustable
- Four transparent protector with two infusion seals
- RS232 connector, 1 tray



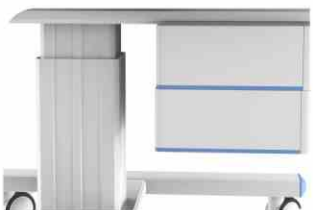
Optional function for infant radiant warmers

LED phototherapy unit (BL-60D)



LCD display touchscreen

Internal/External infant resuscitator (BR-100)



Electric elevator

Oxygen supply system



INFANT PHOTOTHERAPY UNIT SERIES



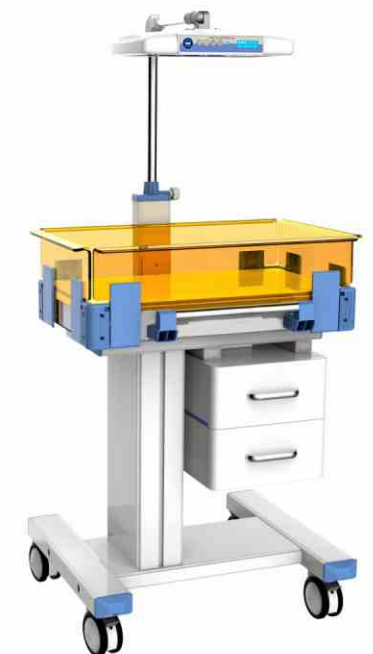
BL-360D

- LED blue bulbs as the radiant source, irradiating uniformly
- 360° phototherapy radiation more effective
- Small in size, light and high irradiation
- Three phototherapy modes: Up side phototherapy and Down side phototherapy can be used separately, also can be used together
- Therapy time of up and down side phototherapy units, air temperature, skin temperature are displayed separately
- Automatically record each therapy time and total therapy time
- Power off memory, alarm silence key, locking key and self-test function
- Four alarm functions: power failure, probe failure, over temperature, fan failure
- Count down timer
- Two sides observation windows
- Air spring structure make the hood open and close easily
- The aluminum alloy is applied on the base, with 2 drawers and 1 tray



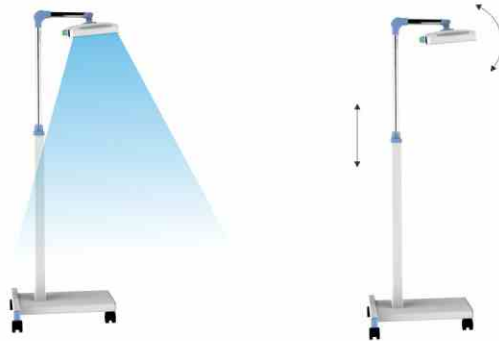
BL-200D

- Double sides phototherapy for more effective radiation: Upside phototherapy and downside phototherapy can be used separately, also can be used together
- Irradiance intensity of upside phototherapy is adjustable in 3 grades: Low, medium, high
- LCD screen of upside phototherapy unit displays each therapy time and total therapy time with countup and countdown timer
- Upside phototherapy unit adopts big blue LED bulbs, which is, efficient and long life
- Downside phototherapy unit adopts blue LED bulbs source and independent air cooling fan
- Protect boards of infant bed could be folded down for clinical use
- Upside phototherapy unit can be adjusted 360° horizontally and 180°vertically
- The height of upside phototherapy is adjustable
- Stand column could be adjusted $\pm 360^\circ$
- Anti-rusty aluminum alloy base
- With drawers and lockable castors



BL-50

- LED bulbs as phototherapy radiant source
- Irradiance intensity is adjustable in 3 grades: low, medium, high
- LCD screen display therapy time and integral time separately
- Count up timer and count down timer for exact and convenient treatment
- Equal light distribution, high intensity
- Quiet, no noise of fan
- The angle of head and height are adjustable
- Four castor with brake, aluminium alloy and steel support base
- Long life span LED bulbs
- Using together with infant incubators, infant warmers, baby cradle



BL-60D

- LED bulbs as phototherapy radiant source
- Irradiance intensity is adjustable in 3 grades: low, medium, high
- LCD screen display therapy time and integral time separately
- Count up timer and count down timer for exact and convenient treatment
- Equal light distribution, high intensity
- Quiet, no noise of fan
- The angle of head and height are adjustable
- Long life span LED bulbs
- Using together with infant warmers



BL-30D

- LED bulbs as phototherapy radiant source
- Irradiance intensity is adjustable in 3 grades: low, medium, high
- LCD screen display therapy time and integral time separately
- Count up timer and count down timer for exact and convenient treatment
- Equal light distribution, high intensity
- Quiet, no noise of fan
- Long life span LED bulbs
- Using together with baby incubator, installed on the hood



BL-100D

- LED bulbs as phototherapy radiant source
- Button control switch
- Equal light distribution, High intensity
- Quiet, two cooling fan, Long life span
- Timer for total using time and each treatment time
- Count down timer
- Irradiance intensity is automatic adjustment, to prevent the bed temperature higher
- Adopts Aluminum PCB to help element heat dissipation
- Using together with infant incubator, installed below the baby bed



OTHER BABY PRODUCTS



BR-100 Infant Resuscitator

- PIP and PEEP are pre-set by the user, and displayed on the manometer
- Accurately regulate and maintain a constant uniform PIP
- Accurately regulate and maintain a constant uniform PEEP
- Tidal volume is adjusted by adjusting the gas flow and the speed of pressing
- The maximum airway pressure is can set.
- If really necessary, oxygen with content of 100% is available
- Simple to operate
- products is portable



Baby Cart

Height and Trenslenburge adjusted by gas spring, Aluminum column, transparent and high-intensity baby basin, High-Low :980mm-780mm, Three colors for choice: pink, green and blue



OTHER BABY PRODUCTS

Air&Oxygen Blender

- FIO₂ : 21% – 100%
- Adjust for oxygen concentration and flow is separately,without any interference
- High accuracy setting and stable output gas
- Pneumatic control,no need power supply



Eye Care Phototherapy Mask

Eyecare phototherapymask is made of highquality elastic, spunlaced compound non-woven fabric,physical compound fabric and other flexible material.



Oxygen Monitor

For testing and monitoring of oxygen concentrations and gas mixtures in infant incubator. Compact size. Easy user operation.



Fetal Doppler

- Pocket type, built in speaker, auto switch-off
- Two modes: real-time FHR and average FHR
- AA alkaline battery or AA Ni-MH rechargeable battery
- Sound of fetal heartbeat is recorded



Jaundice Meter

The Jaundice Meter is not only elegant in appearance, small in volume, easy and safe for operation, but also quick for examining jaundice disaster of body without any pollution to be generated in use.



Manual Resuscitator

Silicone/PVC resuscitator for premature babies,neonates, infants,child and adult, supply with silicone mask,oxygen tubing,reservoir bag, latex free.



Infant Head Fixing Unit

Use for fixing the neonate head
Adjustable in accordance with different size



Infant Oxygen Therapy Hood

Transparent, without touch, variable air and oxygen ratio.
Specifation: φ160mm、φ200mm、φ240mm



Low Pressure Aspirator

The low-pressure suction apparatus is devised to use for sucking amniotic fluid and oral cavity mucus from neonatal and infants born from cesarean section



Infusion Pump

Infusion pump is a medical device that delivers intravenous fluids and medicine to patients in hospitals, outpatient surgical centers, hospices, nursing homes, and in ambulances.

