Professional manufacturer and global provider
of the neonatal care equipment since 1997

disonmed
Diligently create the cradle of life









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Disonmed reserves the right to make changes without notice in design and specifications.

Diligently create the cradle of life



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COMPANY PROFILE



ABOUT DISONMED

Established in 1997, Zhengzhou Dison Instrument and Meter Co., Ltd is the professional manufacturer and global provider of the neonatal care equipment. With the mission of “Diligently create the cradle of life”, Dison is dedicated to the development and innovation in the fields of neonatal care equipment, such as Baby incubators, Transport infant incubators, Infant radiant warmers, Infant phototherapy units, Infant T-piece resuscitators and other neonatal care products etc. All the products are approved with the CE, ISO9001, ISO13485, FSC, EUFSC and other relative certificates. With advanced technology, constant innovation, strict quality control system and reliable after-sales services, Dison has already won the greatest trust of customers from more than 140 countries and over 30,000 medical institutions in the world.

Meanwhile, Dison has been selected as one of the stable and regular suppliers for UN Organizations, like UNICEF, UNFPA and UNOPS etc.

In the future, Dison will keep up the forward and commit to provide the newborn with better care and treatment solution.

1997
ESTABLISHED

140+
COUNTRIES

10000m²
PRODUCTION WORKSHOP

30000+
MEDICAL INSTITUTIONS

Development History

1997 — Disonmed was established

2004 — Baby incubators and infant radiant warmers obtained REGISTRATION CERTIFICATE FOR MEDICAL DEVICE

2005 — Baby incubators and Infant radiant warmers were awarded as Scientific and Technological Achievements of Henan Province, and rated as high-tech products

2006 — Disonmed was awarded as the member of China Medical Equipment Association

2007 — Infant phototherapy units obtained REGISTRATION CERTIFICATE FOR MEDICAL DEVICE

2008 — Baby incubators, infant radiant warmers and phototherapy units obtained CE certificate issued by TUV Rheinland

2012 — Disonmed was awarded as the nomimated long-term manufacturer of UN projects

2016 — Disonmed was awarded as zhengzhou infant care medical equipments engineering technology research center

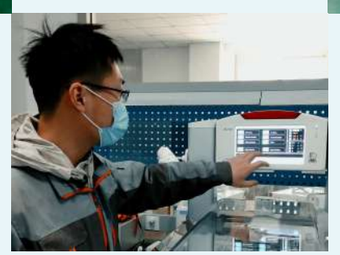
2020 — Disonmed USA branch (Disonmed Inc) was established

Now — Disonmed was awarded as one of the Best Overseas Brands of Chinese Medical Equipment, products were widely exported to more than 140 countries and regions










BABY
INCUBATOR SERIES



BB-6000

- Incubator and warmer mode, servo controlled by micro-computer, convert automatically
- Multi audible and visual alarm functions,self-testing function
- 10.2" color LCD display touchscreen with 24h parameter graph trends
- Electrical lifting canopy to covert to warmer mode from incubator mode
- LED observe light with brightness adjustable
- Infant bed can be pulled out bidirectionally
- Foot pedal electrical height adjustment system for optimum adaptation to clinical users
- Electrical infant bed tilting system
- Build-in baby scale system, with real-time graph
- Downside phototherapy unit
- SPO2 monitor system

BABY INCUBATOR MODE (Close Mode):

- 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℃ temperature set function
- Triple protection for over temperature with separate cut off device,more safety system
- Double fan, air curtain structure, better temperature uniformity, reduce heat loss during operation
- Double wall hood, 4 operating windows, 1 iris port, 9 big infusion seals, independent locking device
- Oxygen inlet
- One tray and one big drawer
- Data storage interface and RS232 data interface

INFANT RADIANT WARMER MODE (Open Mode):

- Control mode: Pre-warm, manual and automatic mode
- Carbon steel heater more effective, and more convenient for X-ray image
- APGAR timer and CPR timer to record therapy time
- Transparent protector can be fold down with damping function
- X-ray cassette under the infant bed

- Optional:
  CCD camera





BB-5000

- Air and skin temperature mode servo controlled by micro-computer
- 10.2" color LCD display touchscreen with 24h parameter graph trends
- Humidity control system, oxygen concentration control system, baby scale system, SPO2 monitor system
- Multi audible and visual alarm functions,self-testing function
- With double fan and air curtain structure to reduce heat loss during operation, better temperature uniformity
- Double wall hood, 2 doors with damping functions, 4 operating windows, 1 iris port and 9 infusion seals
- Independent locking device for both doors
- Electrical infant bed tilting system ±12° stepless adjustable
- Infant bed can be pulled out bidirectionally
- Double foot pedal electrical height adjustment system
- Double phototherapy unit (upside and downside phototherapy unit)
- Two skin temp sensors for measurement of central and peripheral
- LED observe light with brightness adjustable
- >37℃ temperature set function
- Optional:
  CCD camera; Multi-parameter Patient Monitor;
  Oxygen supply system



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,
  Low pressure aspirator





Ambulance type trolley

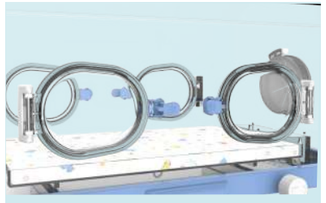
BB-300 Plus

- 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, SpO_2 and heating power are displayed separately on LCD
- Self - testing function, multiple audible and visual alarms
- >37℃ 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





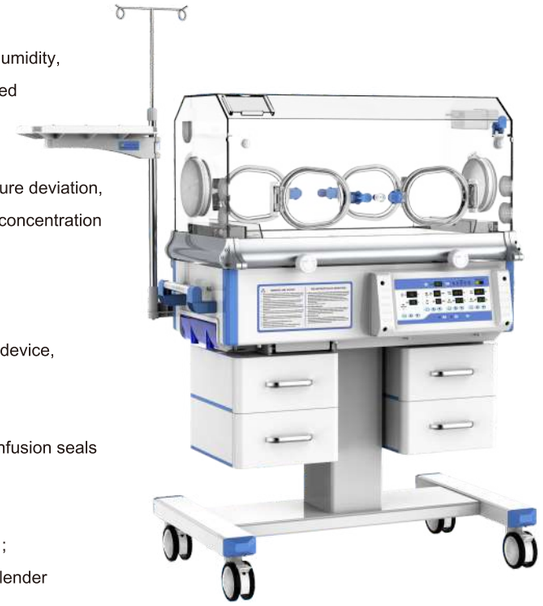
New humidifier



New access port

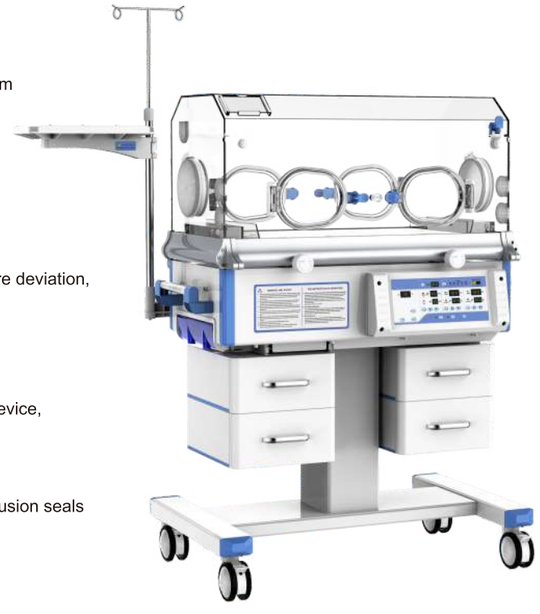
BB-300 Top Grade

- 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℃ 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℃ 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



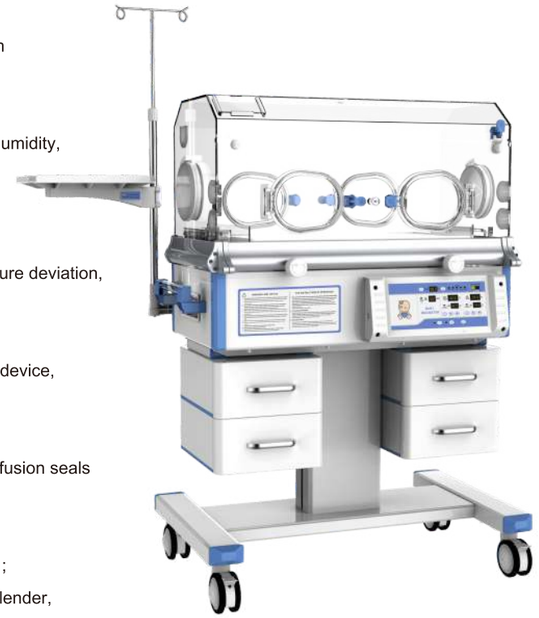
BB-200 Luxurious

- 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℃ 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℃ 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.



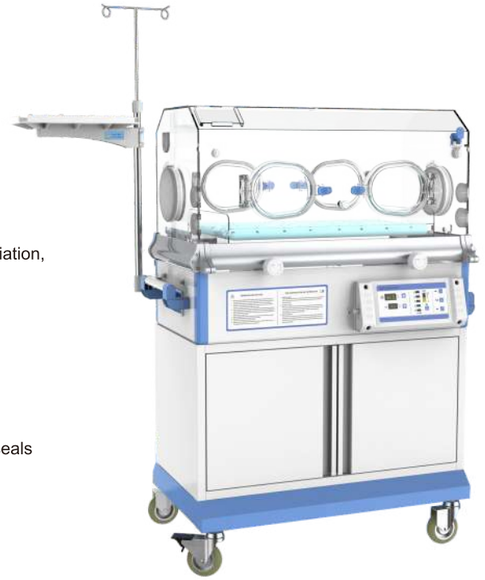
BB-200 Standard

- 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℃ 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.



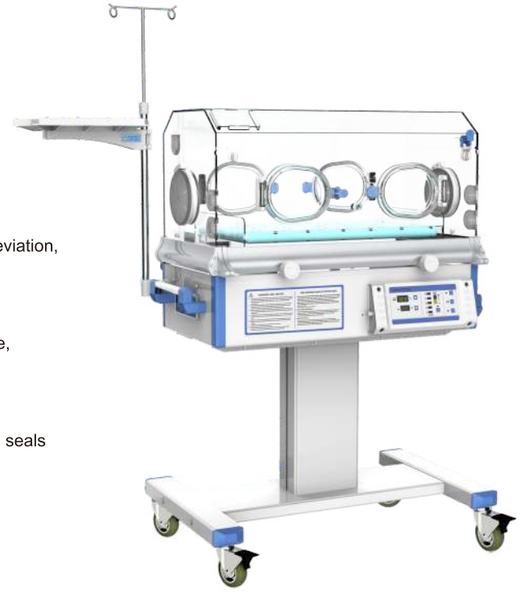
BB-100 Top Grade

- 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℃ 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

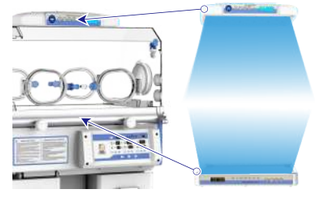
- Microprocessor based servo controlled temperature system
- Control mode: Air mode
- Humidity is adjustable in two levels
- Set temperature, air temperature, heating power are displayed separately by LED
- Self - testing function, multiple audible and visual alarms
- Alarm functions: Power failure, over temperature, temperature deviation, fan failure, temperature sensor failure
- >37℃ 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

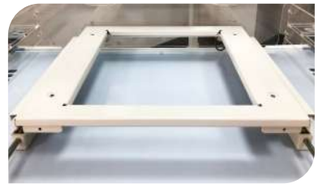


Optional function for baby incubators

LED phototherapy unit

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





Baby weight system

(BB-200 / BB-300 series)

Electric elevator

(BB-200 / BB-300 series)





Air&Oxygen Blender

(BB-200 / BB-300 series)

X-ray cassette tray

(Not available when use downside phototherapy)



INFANT
RADIANT WARMER SERIES



BN-200 Plus

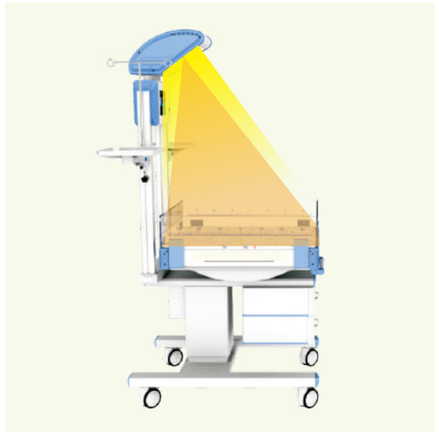
- Microprocessor based servo controlled temperature system
- Three modes: pre-warm,manual and automatic
- Audible and visual Alarm functions :
  Power failure, temperature deviation, temperature sensor failure,
  skin temperature failure,over temperature.
- Skin temperature, auxiliary temperature and ambient temperature are displayed separately
- Build-in T-piece resuscitation with blender and suction unit
- 10.2" 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 ±14°
- Four transparent protector with 2 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



BN-200 Standard

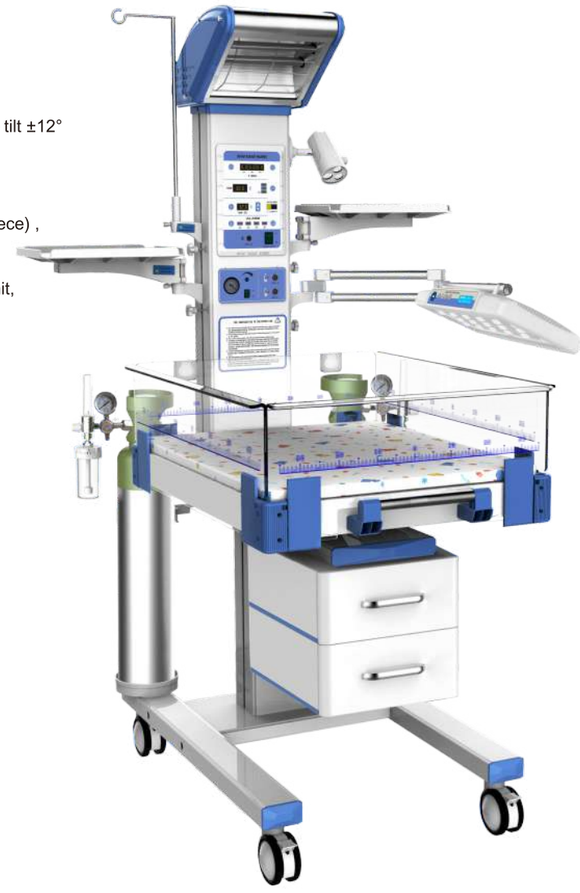
- Microprocessor based servo controlled temperature system
- Control modes: pre-warm,manual and automatic
- Audible and visual alarm functions: Power failure, temperature deviation, temperature sensor failure, skin temperaturefailure, over temperature
- 8″ LCD colorful touch screen
- Carbon steel heater 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 ±12º
- 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 ±12°
- 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 ± 90° 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 ± 90° 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.



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 ± 90° 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



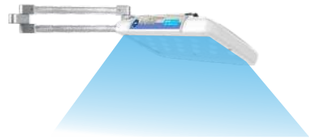
BN-100A Standard

- 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)

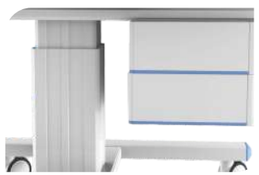




LCD display touchscreen

Internal/External infant resuscitator
(BR-100)





Electric elevator

Oxygen supply system



INFANT PHOTOTHERAPY UNIT SERIES



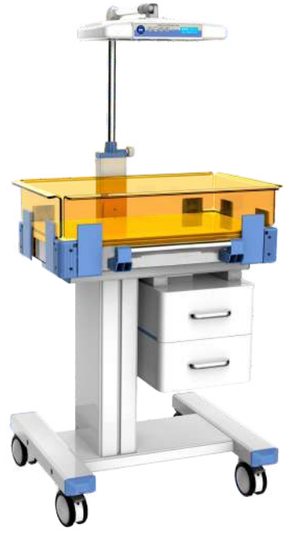
BL-360D

- LED blue bulbs as the radiant source, irradiating uniformly
- 360° phototherapy radiantion more effective
- Small in size, light and high irradiation
- Three phototherapy modes: Upside phototherapy and Downside 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 360°
- Anti-rusty aluminum alloy base
- With drawers and lockable castors



BL-50

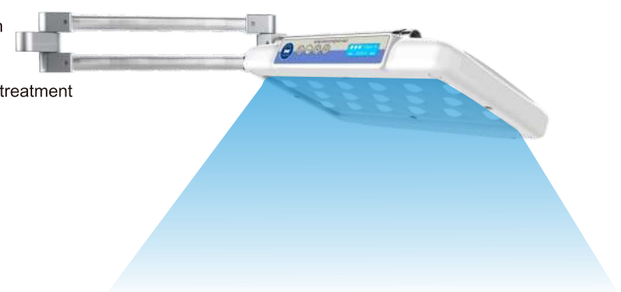
- LED bulbs as phototherapy radiant source
- Irradiance intensity is adjustable in 3 grades: low, medium, high
- LCD screen display therapy time and integral time separately
- Count up timer and count down timer for exact and convenient treatment
- Equal light distribution, high intensity
- Quiet, no 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 incubators, installed under 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 can be set.
- If really necessary, oxygen with content of 100% is available
- Simple to operate
- Portable products, applicable for delivery room, NICU, transport etc



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



Air&Oxygen Blender

- FIO_2 : 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, User-friendly 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.

