

Infant Phototherapy Incubator



Model : YR02184

Infant Phototherapy Incubator

Manufacturer : Kalstein

Price : \$ 15,910.00

Description :

Infant Phototherapy Incubator-up&down phototherapy system,air control/skin control/humidity display&control, cupboard & dual-drawer,vertical height adjustment.

As our top one infant incubator is not a simple connection of incubator and phototherapy units. The sophisticated integration enable that newborn with hyperbilirubinemia could receive all around blue-ray phototherapy within an appropriate, sheltered and reliable environment. Every details including distance between phototherapy units and patient, illumination intensity and so on results from persistent and strict research and experience for your newborn patient while it is rigorously carrying out the duty of protecting infant with best possible care.

Features

- Phototherapy light intensity is constantly adjustable
- Time of bilirubin phototherapy can be paused, recorded and accumulated
- Phototherapy treatment duration can be pre-set and it automatically shuts off when a pre-set duration is reached
- Working life of LED phototherapy unit is lasting 20,000 hours
- Silicone mattress protect neonate from cauma while phototherapy treatment
- Microprocessor servo-controller ensures a precise and reliable temperature control
- Set temperature, monitored air temperature and baby skin temperature and heating power are distinguished in display
- Servo-controlled humidification system maintains the relative humidity at a constant level in the incubator
- Set and monitored humidity concentration are displayed separately
- Ultrasonic and low temperature nebulized humidification protects neonate from bacterias pollution
- ?37? override temperature function
- Self-checking function for safety affirmative
- Audible and visible alarm indications for multiple failures with 3 priorities
- Chord alarm notes nurse farther than 8meters, but leaves asleep baby uninterrupted
- Aluminous framework for constant temperature keeping
- Continuous adjustment of mattress inclination up to 10°
- Drawer-type water reservoir is easily removable for cleaning and disinfection
- Nature air circulation system

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- Cupboard cabinet
- RS-232 Connector

Applications

The YR02184 not only can keep a stable environment for neonate patient, but also can treat baby jaundice with intensive LED phototherapy simultaneously. With its compact design, ergonomics height adjustment and smooth trolley, the caregivers are easy to use it friendly in NICU. Widely applicable in all hospitals and clinics and optimize for preterm births or for some ill full-term babies or jaundiced baby.

Parameters by Model

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Model	YR02184
Control System	Air temp control, skin temp control, humidity control by Microprocessor control system
Display	LED digital display
Mattress Size	64x34cm
Mattress Tilt	±12°continuous tilt
Noise Inside Hood Level	≤50dB(A)
Air Velocity	<12cm/s
Filter	0.05um
Power supply	110 ~ 120V or 220 ~ 240V, 50/60 Hz
Temperature control	
Air temperature control range	25.0 ~37.0 (Override mode: 37.1 ~39)
Baby temperature control range	25.0 ~37.0 (Override mode: 37.1 ~39)
Temperature resolution	0.1
Accuracy of skin-temp sensor	±0.3
Temperature variability	≤0.5
Temperature uniformity	≤0.8 (mattress is on the horizontal)
Humidity control	
Control range	40%~80%RH
Measurement range	20%~90%RH
Accuracy	±5%RH
Hibryd control	Optional
Water tank capacity	1000ml
Infant phototherapy unit	
Light source	LED light
Lifetime	20,000hrs
Built-in timer range	0~9999hrs 59 min
Spectral irradiance	1200±20% μW/cm2(up side);1600±20% μW/cm2(down side)□
Wave length of blue light	420-470nm
Vertical height adjustment	Optional
Alarm system	
Humidity deviation	N/A
water shortage prompt of reservoir	Yes
Sensor failure	Yes
Over air temperature	Yes
Override air temperature	Yes
Air temperature deviation	Yes
Configurations	
The front and side door	Optional
Baby bed scale	Optional
Oxygen control	Optional
X-ray cassette	Optional