

## Infant Phototherapy Incubator



**Model : YR02182**  
**Infant Phototherapy Incubator**  
**Manufacturer : Kalstein**  
**Price : \$ 9,460.00**

### Description :

Infant Phototherapy Incubator -up&down phototherapy system, air control/skin control/humidity display

The YR02182 mode is the basic one of series with the function of infant incubator and phototherapy treatment for neonate patients with jaundice. In addition, the unit can show the accurate parameters, air temperature, skin temperature and multi alarms with three levels.

### 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
- Servo-controlled humidification system maintains the relative humidity at a constant level in the incubator
- Set temperature, monitored air temperature and baby skin temperature and heating power are distinguished in display
- ?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
- Cupboard cabinet
- RS-232 Connector

### Application

## Infant Phototherapy Incubator

The unit combines the incubator with phototherapy treatment for neonate patient that using in NICU. We, Kalstein also have patient monitor for newborn using in NICU too. 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

## Infant Phototherapy Incubator

Model	YR02182
Control System	Air temp control, skin temp control, humidity control by Microprocessor control system
Display	LED digital display
Mattress Size	64×34cm
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	Ultrasonic and steam humidifier
Water tank capacity	1000ml
Infant phototherapy unit	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
Wave length of blue light	420-470nm
Vertical height adjustment	Yes
Alarm system	
Humidity deviation	Yes
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