

# dison

Diligently create the cradle of life



## Infant Radiant Warmer BN-100A(Top Grade)

### Function features

- Microprocessor based servo controlled temperature system
- The microprocessor-controlled unit allows for three modes: pre-warm, manual and automatic
- APGAR timer to record therapy time; 1,5 and 10 minutes elapsed time
- Audible and visual Alarm functions :  
Power failure, temperature deviation( $\pm 1^{\circ}\text{C}$ ), temperature sensor failure, skin temperature failure, over temperature(over $39^{\circ}\text{C}$ )
- LED observation light adjustable, brightness adjustable
- Heater head can be adjusted  $\pm 90^{\circ}$  horizontally
- Convenient X-ray cassette board under infant bed
- Tilt angle of infant bed is adjustable
- Four Transparent protector folded with 2 infusion seals
- With RS-232 connector, 2 trays and 2 drawers
- With integrated resuscitation unit, SP02
- Air&Oxygen Blender, Low Pressure Aspirator, Scale
- BL-60D phototherapy unit, 1 Oxygen cylinder holder
- 10pcs disposable covers for skin temperature probe, 10 air filters

ZHENGZHOU DISON INSTRUMENT AND METER CO., LTD.

## Technical data

Power supply	AC110/220V 60/50Hz	
Power input	1000VA	
Operating conditions	Environment temperature	18°C ~ 30°C
	Environment relative humidity	30% ~ 75%
	Atmospheric Pressure	700 ~ 1060hpa
	Environment air velocity of flow	< 0.3m/s
Skin Temperature control range	34°C ~ 38°C	
Skin Temperature measurement range	30°C ~ 40°C	
Skin temperature control accuracy	≤0.5°C	
Skin temperature sensor accuracy	±0.3°C	
Mattress temperature uniformity	< 2°C	
Infant Bed tilt angle	±10°	
LED observation light function	3W	
Warm-up time(from 25°C)	< 30min	
Heater head horizontal	±90°	
Distance from heater to mattress	80cm	
Mattress size	67cmX54cm	
Mattress thickness	30mm	
Timer range	0 ~ 99h59min	
Tray	250*350mm	
Baby weight:	≤10KG(Accuracy:±1g)	
Heater power range	0-100%	
SPO2		
Measurment range:0% ~ 100%	RH unspcited resolution:1%	
RH accuracy:	±2%(70% ~ 100%RH),0% ~ 90%	
Pulse Rate		
Measurement range:	0bpm-250bpm	
Accuracy:	±2bpm	
Resolution:	1bpm	

## Infant Resuscitator Data

Operating temperature	-18°C ~ 50°C
Input gas flow range	5-15L/min
Manometer range	-10 ~ 80cmH <sub>2</sub> O
Recommended patient body weight	≤10kg
Delivered oxygen concentration	Up to 100% depending on gas supply

## The relation between the adjustment range of the PIP and the gas supply

Gas Supply	PIP Value
5L/min	2 ~ 70cmH <sub>2</sub> O
8L/min	3 ~ 74cmH <sub>2</sub> O
10L/min	4 ~ 76cmH <sub>2</sub> O
15L/min	10 ~ 77cmH <sub>2</sub> O

## Transport and storage

Package  
Each unit is packed one plywood case  
Size:118\*90\*87cm  
N.W.:75Kg G.W.:100Kg

Transport and storage

Environment temperature	-40°C ~ +55°C
Environment relative humidity	≤95%
Atmospheric Pressure	500 ~ 1060hpa

## Standard configuration

Main body (including the Radiant source, Control system, Infant bed, Bracket), X-ray cassette, Observe light, I.V.pole, Skin temperature sensor, Tray, Mattress, Transparent protector, Castors, Drawers, Integrated resuscitation unit, Air&Oxygen Blender, Low Pressure Aspirator, oxygen system, BL-60Dphototherapy unit

## Air/Oxygen blender data

FI <sub>O</sub> <sub>2</sub> : 21% -100%
Flow control : 1-15L
Air source supply : 0.3Mpa-0.4Mpa
Pressure difference of air supply alarm :
Air supply pressure is more than 0.1Mpa, sound alarm

## The relation between the adjustment range of the PEEP and the gas supply

Gas Supply	PEEP Value
5L/min	1 ~ 6cmH <sub>2</sub> O
8L/min	1.5 ~ 10cmH <sub>2</sub> O
10L/min	3 ~ 15cmH <sub>2</sub> O
15L/min	5 ~ 25cmH <sub>2</sub> O

## Detail show



Low Pressure Aspirator



Infant Resuscitator



Air&Oxygen Blender



BL-60D Phototherapy unit