ESB-6000 Multifunctional Infant Incubator

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Multifunctional Infant Incubator

Function features

-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°C 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 cassete under the infant bed

Technical Data

Power supply	AC110/220V 60/50Hz
Power input	1000VA
Operating condition	Environment temperature 20°C~30°C Environment relative humidity 30%~75% Environment air velocity of flow <0.3m/s

BABY INCUBATOR MODE (Close Mode)

Air temperature control range	25°C ~ 37°C	37.1°C~39°C
Skin temperature control range	32°C ~ 37°C	37.1°C~39°C
Humidity display range	0%~99%	
Oxygen concentration display range	0%~100%	
Oxygen concentration control range	20%~60%	
Skin temperature sensor accuracy	±0.2°C	
Temperature fluctuation	±0.5°C	
Uniformity of mattress temperature	≤0.8°C	
Warm-up time (from 25°C)	≤30 min	

INFANT RADIANT WARMER MODE (Open Mode)

Skin temperature control range	32°C ~ 38°C
Uniformity of mattress temperature	≤2°C
Warm-up time(from 25°C)	≤45min

OTHER STANDARD CONFIGURATION

SPO2 Measurement range	0%-100%
SPO2 resolution	1%
SPO2 accuracy	±3%
Pulse rate measurement range	0bpm-250bpm
Pulse rate accuracy	±3bpm
Pulse rate resolution	1bpm
Baby Scale	≤12KG
Infant bed tilt angle	+12° stepless adjustable
Phototheapy unit wavelength range	420nm-490nm
Highest total irradiance for bilirubin of downside phototheapy unit	2000μW/cm²
Noise level inside the infant compartment	≤50dB(A)
Mattress size	410x650mm
Trough capacity	1000mL
Air filter	0.5pm

Transport and storage

Environment temperature	-10°C ~ +55°C
Environment relative humidity	≤95%
Atmospheric Pressure	500 ~ 1060hpa

Standard configuration

Main body (including infant compartment, Base, Controller, Observation lamp, Phototherapy unit, SPO2, Baby scale system, X-ray cassette tray, I.V.pole, 2pcs mattresses (Gel mattress + ordinary mattress). Drawer, Castors, Tray, Oxygen inlet etc

Optional

CCD camera

EXCELLENT DETAILS

10.2" color LCD display touchscreen with 24h parameter graph trends, clear visible from three meters away.

Large storage drawer can be pulled out from both side, convenient to store clinical accessories

Isolated steam pipeless humidity system can inhibit bacterial growth and easy to remove and install

Electrical infant bed tilting system

Transparent protector can be fold down with damping function

Build-in baby scale system