Cod. ESBN-100S

• Microprocessor based servo controlled temperature system.
• The microprocessor-controlled unit allows three settings:
pre-warm, manual or automatic.
• Alarm functions for safety includes:
Power failure, temperature deviation,
Temperature sensor failure , over temperature.
• APGAR timer to record therapy time
• X-ray cassette under the infant bed
• Heater head can be adjusted + 90° horizontally
• Adjustable infant bed tilt angle
• Adjustable Halogen Observation light angle
• Transparent protector folded
• Audio and visual Alarms
• A second thermal cut-out function for more safety
• Skin temperature sensor failure protect function avoid over temperature

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

Cod. ESBN-100M

• Microprocessor based servo controlled temperature system.
• The microprocessor-controlled unit allows for three settings:
pre-warm, manual or automatic.
• Alarm functions for safety includes:
Power failure, temperature deviation,
Temperature sensor failure , over temperature.
• APGAR timer to record therapy time
• X-ray cassette under the infant bed
• Heater head can be adjusted + 90° horizontally
• Adjustable infant bed tilt angle
• Adjustable Halogen Observation light angle
• Transparent protector folded
• Audio and visual Alarms
• A second thermal cut-out function for more safety
• Skin temperature sensor failure protect function avoid over temperature
• LED phototherapy unit

Standard configuration

Main body (including the Radiant source , Control system , Infant bed , Bracket) ,
X-ray cassette , Observe light, I. V. pole, Skin temperature sensor,
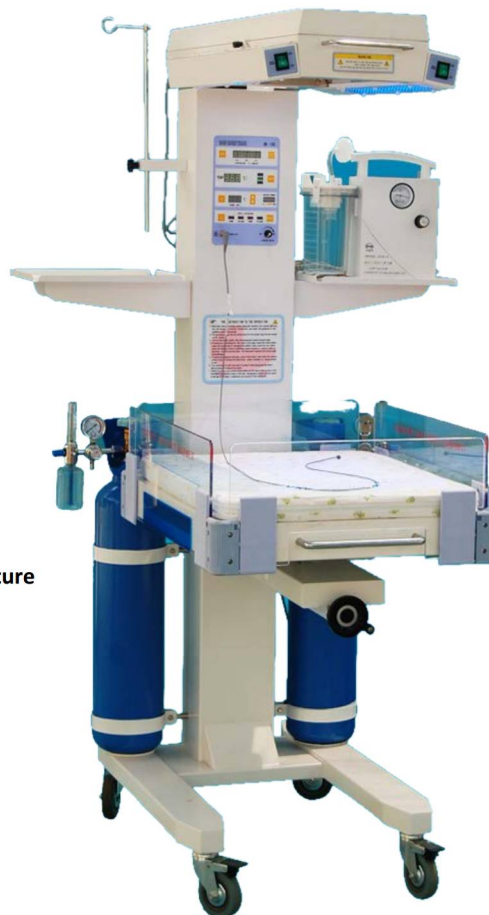Tray, Mattress, Transparent protector, Castors

Cod. **ESBN-100T**

- Microprocessor based servo controlled temperature system.
- The microprocessor-controlled unit allows for three settings:
  pre-warm, manual or automatic.
- Alarm functions for safety includes:
  Power failure, temperature deviation,
  Temperature sensor failure , over temperature.
- APGAR timer to record therapy time
- X-ray cassette under the infant bed
- Heater head can be adjusted + 90° horizontally
- Tilt angle of infant bed is adjustable
- Adjustable Halogen Observation light angle
- Transparent protector folded
- Audio and visual Alarms
- A second thermal cut-out function for more safety
- Skin temperature sensor failure protect function avoid over temperature
- Low pressure aspirator, oxygen supply system
  and LED phototherapy unit

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.
LED phototherapy unit, Low pressure aspirator,
Oxygen supply system

Cod. **ESBN-100L**

- Microprocessor based servo controlled temperature system.
- The microprocessor-controlled unit allows for three settings:
  pre-warm, manual or automatic.
- Alarm functions for safety includes:
  Power failure, temperature deviation,
  Temperature sensor failure , over temperature.
- APGAR timer to record therapy time
- X-ray cassette under the infant bed
- Heater head can be adjusted + 90° horizontally
- Tilt angle of infant bed is adjustable
- Adjustable Halogen Observation light angle
- Transparent protector folded
- Audio and visual Alarms
- A second thermal cut-out function for more safety
- Skin temperature sensor failure protect function avoid over temperature
- Temperature deviation can be amended in front panel directly
- Low pressure aspirator, oxygen supply system and LED phototherapy unit
- Adjustable electric height useful for different operations

Standard configuration
Main body (including the Radiant source,
Cont rol system , Infant bed , Bracket) ,
X- ray cassette , Observe light , I.V .pole , Skin temperature sensor,
Tray, Mattress, Transparent protector, Castors.
LED phototherapy unit, Low pressure aspirator,
Oxygen supply system, Adjustable height.

EXCLUSIVE DISTRIBUTOR EXCLUSIVE

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web: www.pht.com.bd

Cod. ESBN-200

- Three modes of control: manual, skin temperature and mattress temperature
- Microprocessor based servo controlled temperature system
- Control panel displayed by VFD
- Digital skin temperature sensor, the data is exact and stabilizability
- High sensitivity and untouched detector to inspect mattress temperature
- Alarm functions for safety include power failure temperature deviation
temperature probe failure over temperature
- APGAR timer to record therapy time
- Observe light angle can be adjusted + 90°,
and the brightness adjusted
- Heater head can be adjusted + 90° horizontally
- Electric infant bed tilt angle is + 10°,
transparent protector folded
- X-ray cassette under the infant bed
- Adjustable electric height useful for different operations
- Audio and visual Alarms
- A second thermal cut-out function for more safety
- Skin temperature sensor failure
 protect function avoid over temperature

Standard configuration
Main body (including the radiant source, control system,
infant bed, electric lift stand),
I.V. pole, skin sensor, mattress, one drawer,
transparent protector, castors
Optional parts
Low pressure aspirator; oxygen supply system,
LED phototherapy unit.
 Cont rol system , Infant bed , Bracket) ,
X- ray cassette , Observe light , I.V .pole , Skin temperature sensor,
Tray, Mattress, Transparent protector, Castors.
 LED phototherapy unit, Low pressure aspirator,
 Oxygen supply system, Adjustable height.

• Optional parts of Infant Radiant Warmers

Drawers

Built-in Low pressure Aspirator

Adjustable Height

Air Temp count up/down timer

ESBL-60 phototherapy unit

Oxygen system

Low pressure Aspirator

RS-232 Connector

TECHNICAL SPECIFICATIONS

MODEL	ESBN-100S	ESBN-100M	ESBN-100T	ESBN-100L	ESBN-200
Power					
Power supply	110/220V 60/50Hz	110/220V 60/50Hz	110/220V 60/50Hz	110/220V 60/50Hz	110/220V 60/50Hz
Power input	≤ 1200VA	≤ 1200VA	≤ 1200VA	≤ 1200VA	≤ 1000VA
Operating conditions					
An ambient Temperature	18°C ~ 30°C	18°C ~ 30°C	18°C ~ 30°C	18°C ~ 30°C	18°C ~ 30°C
An ambient Relative Humidity	30% ~ 75%RH	30% ~ 75%RH	30% ~ 75%RH	30% ~ 75%RH	30% ~ 75%RH
Atmospheric Pressure	700 ~ 1060 hPa	700 ~ 1060 hPa	700 ~ 1060 hPa	700 ~ 1060 hPa	700 ~ 1060 hPa
Technical specification:					
Display	LED	LED	LED	LED	LED
An ambient Air Velocity	< 0.3m/s	< 0.3m/s	< 0.3m/s	< 0.3m/s	< 0.3m/s
Skin Temperature control	32°C ~ 38°C	32°C ~ 38°C	32°C ~ 38°C	32°C ~ 38°C	32°C ~ 38°C
Skin Temperature control accuracy	≤ 0.5°C	≤ 0.5°C	≤ 0.5°C	≤ 0.5°C	≤ 0.5°C
Mattress temperature uniformity	< 2°C	< 2°C	< 2°C	< 2°C	< 2°C
Skin temperature sensor accuracy	± 0.3°C	± 0.3°C	+ 0.3°C	+ 0.3°C	≤ 0.3°C
Air temperature	/	/	/	/	Yes
Operation light	Yes	Yes	Yes	Yes	Yes
Warm-up time	≤ 30min	≤ 30min	≤ 30min	≤ 30min	≤ 30min
Infant bed tilt angle	± 10°	± 10°	± 10°	± 10°	± 10°
APGAR timer range	≤ 24h	≤ 24h	≤ 24h	≤ 24h	≤ 24h
Timer count down	optional	optional	optional	optional	Yes
Heater head horizontal	± 90°	± 90°	± 90°	± 90°	± 90°
Mattress size	67 x 54 cm	67 x 54 cm	67 x 54 cm	67 x 54 cm	76 x 65 cm
Distance from heater to mattress	80 cm	80 cm	80 cm	80 cm	90 cm
LED phototherapy light	/	2pcs X 8W	2pcs X 8W	2pcs X 8W	/
Low pressure aspirator (built-in)	/	/	1000 ml container	1000 ml container	1000 ml container
Oxygen supply system	/	/	10L	8L	/
Height adjustable range	/	/	/	0-20cm	/
Alarm functions	Yes	Yes	Yes	Yes	Yes
Power failure	Yes	Yes	Yes	Yes	Yes
Over temperature	Yes	Yes	Yes	Yes	Yes
Temperature deviation	Yes	Yes	Yes	Yes	Yes
Temperature sensor failure	Yes	Yes	Yes	Yes	Yes
Unit Package					
Size	120 x 70 x 96 cm	120 × 80 × 95 cm	135 x 85 x 98 cm	120 x 70 x 110 cm	114C x 94 x 104 cm
Net weight	70 Kg	80 Kg	130 Kg	130 Kg	140 Kg
Gross weight	100 Kg	100 Kg	150 Kg	150 Kg	170 Kg
Transport and storage					
Environment Temperature	-40°C ~ +55°C	-40°C ~ +55°C	-40°C ~ +55°C	-40°C ~ +55°C	-40°C ~ +55°C
Environment Relative Humidity	≤ 95%	≤ 95%	≤ 95%	≤ 95%	≤ 95%
Atmospheric Pressure	500 ~ 1060 hPa	500 ~ 1060 hPa	500 ~ 1060 hPa	500 ~ 1060 hPa	500 ~ 1060 hPa

CE

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