INAI-E
Infant Incubator

Features

1. Servo Control Mode: air mode
2. Instant ParameterDisplaying: set temp, air temp, heat power rate
3. Audible & Visual Alarms: power failure, sensor failure, higher/lower temp, air -temperature override, fan failure
4. Power failure reset memory and self-test function
5. Hood with dual slope: 4hand-ports

Technical Specifications

Performance

Power requirement: ≤400VA
Temperature control mode: Air servo control
Air Temp Control Range: 20.0℃-37.0℃
Temperature fluctuation: ≤0.5℃
Mattress temperature uniformity: ≤0.8℃
Temperature rise time: ≤45 min
Noise level within hood environment: ≤55dB

Hood

Mattress to Hood: 450 mm
Observation side of hood: Two incline

Operate port: 4 (2 Iris ports)
Tubing grommets: 2
Front access panel: 826×310 mm
Mattress Tray Size: 630×360 mm

Alarms

Power failure alarm
Fan failure alarm
Sensor failure alarm
High air temperature alarm: +3.0℃
Low air temperature alarm: -3.0℃
Over air temperature alarm: ≤38.0℃

Operational condition

Environment temperature: +20℃-+30℃
Environment relative humidity: 30%℃-75%
Environment air velocity of flow: <0.3m/s

Others

Mattress tray Max. load 5kg
Transfusion pole Max. load 2kg

INAI-1A
Infant Incubator

Features

1. Microprocessor based servo controlled temperature system
2. Control mode: Air mode
3. Humidity is adjustable in two grades
4. Set temperature, air temperature, heating power are displayed separately by LED
5. Self - testing function, various failure alarms by audible and visual
6. >37℃ temperature set function
7. Triple protection for over temperature with separate cut off device, more safety system
8. The inclination of infant bed is adjustable
9. Single wall hood, 4 operating windows and 2 iris ports
10. RS232 connector -Bracket with stand

Technical Specifications

Performance

Power supply: AC110/220V, 60/50Hz
Power input: 650VA
Air temperature control range: 25℃～37℃ 37.1℃～38℃
Temperature fluctuation: ±0.5℃
Uniformity of mattress temperature: ≤0.8℃
Warm-up time (from25℃): ＜30min
Internal noise level: ＜50dB(A)

Infant bed tilt angle: ±10°
Mattress size: 65cm(L)*37cm(W)
Trough capacity: 1200mL
Air filter: 0.5μm

Operating condition

Environment temperature: 20℃～30℃
Environment relative humidity: 30％～75％
Environment air velocity of flow: ＜0.3m/s

Optional Functions

LED phototherapy unit AL-3D, AL-10D

AI-1B
Infant Incubator

Features

1. Microprocessor based servo controlled temperature system
2. Control mode: Air mode
3. Humidity is adjustable in two grades
4. Set temperature, air temperature, heating power are displayed separately by LED
5. Self - testing function, various failure alarms by audible and visual
6. >37℃ temperature set function
7. Triple protection for over temperature with separate cut off device, more safety system
8. The inclination of infant bed is adjustable
9. Single wall hood, 4 operating windows and 2 iris ports
10. RS232 connector -Bracket with stand
11. Cupboard
12. Oxygen inlet
13. Humidity is adjustable continuously

Technical Specifications

Performance

Power supply: AC110/220V, 60/50Hz

Power input: 650VA

Air temperature control range: 25℃～37℃ 37.1℃～38℃

Temperature fluctuation: ±0.5℃

Uniformity of mattress temperature: ≤0.8℃
Warm-up time(from 25℃): ＜30min
Internal noise level: ＜50dB(A)
Infant bed tilt angle: ±10°
Mattress size: 65cm(L)*37cm(W)
Trough capacity: 1200mL
Air filter: 0.5μm

Operating condition

Environment temperature: 20℃～30℃
Environment relative humidity: 30％～75％
Environment air velocity of flow:＜0.3m/s

Optional Functions

LED phototherapy unit AL-3D, AL-10D

INAI-2
Infant Incubator

Features

1. Microprocessor based servo-controlled temperature system
2. Control modes: Air mode and baby skin mode
3. Humidity is adjustable continuously
4. Set temperature, air temperature, baby skin temperature, timer and heating power are displayed separately by LED
5. Self - testing function, various failure alarms by audible and visual
6. >37℃ temperature set function
7. Triple protection for over temperature with separate cut off device, more safety system
8. The inclination of infant bed is adjustable
9. Single wall hood, 4 operating windows and 2 iris ports
10. Independent locking device for front door
11. RS232 connector
12. Oxygen inlet
13. Cabinet with four drawers

Technical Specifications

Performance

Power supply: AC110/220V, 60/50Hz

Power input: 650VA

Air temperature control range: 25℃～37℃ 37.1℃～38℃

Skin temperature control range: 32℃～37℃ 37.1℃～38℃

Skin temperature sensor accuracy:±0.3℃
Temperature fluctuation:±0.5℃
Uniformity of mattress temperature: ≤0.8℃
Warm-up time(from25℃): ＜30min
Internal noise level: ＜50dB(A)
Infant bed tilt angle: ±10°
Mattress size: 65cm(L)*37cm(W)
Trough capacity: 1200mL
Air filter: 0.5μm

Operating condition

Environment temperature: 20℃～30℃
Environment relative humidity: 30％～75％
Environment air velocity of flow: ＜0.3m/s

Optional Functions

X ray cassette Tray
Electric Elevator
LED phototherapy unit AL-3D, AL-10D
Double wall hood

INAI-3
Infant Incubator

Features

1. 8.4" LCD display
2. Temperature monitoring
3. Temperature servo control
4. Humidity Monitoring
5. Humidity Servo Control
6. Air temperature and body temperature contorl two modes
7. Mattress tilt ±12 °
8. Ergonomic designed handle with perfect height
9. Trend for 2, 4, 8, 12, 24 hours and up to 7 days
10. Front and rear double-walls and air curtain
11. Drawers Large (28.0cm x 24.7cm x 36.0cm)
12. Drawers Small (28.0cm x 11.3cm x 36.0cm) *2
13. Auxiliary Power Output*3
14. Backup battery to keep air flow and alarm after power failure for more than 30 mins

Technical Specifications

Performance

Air flow velocity across mattress < 10 cm/sec
Temperature rise time at 22° C (72° F) ambient < 20min (From 22℃, 50%RH, to 35℃)
Temperature variability < 0.5℃
Temperature overshoot < 0.5℃ maximum
Temperature uniformity with a level mattress < 0.8℃
Operating noise level in hood ≤45dBa
Carbon Dioxide (CO2) Level <0.5%

Hood

Tubing access ports: 10
Access door size: 18cm x 13cm
Mattress to hood height: 48.0mm
Soft bed mattress size: 73.6cm x38.6cm x1.8cm

Temperature control modes: Skin and air temperature control mode

Air mode control temperature range: 20℃-37℃
Air mode control override temperature range: 37℃-39℃
Air mode control accuracy ≤±1.0℃
Skin mode control temperature range: 34℃-37℃
Skin mode control override temperature range: 37℃-38℃
Skin temperature accuracy: ±0.3℃
Dual-skin temperature monitoring: Yes

Servo Humidity

Humidity control range: 30%-95% RH
Humidity control operating time without refilling: 24 hours
Humidity control reservoir capacity: 1500ml
Humidity display accuracy: ±5%RH
Humidity control accuracy: ±5% RH

Servo Oxygen (Optional)

Oxygen control range: 21 % to 65%
Oxygen display accuracy of full scale: ±2%
Oxygen control accuracy (100% calibration): ±3%
Oxygen control accuracy (21% calibration): ±5%
Oxygen display resolution: 1%

Scale (Optional)

Weight range: 300g to 8kg
Weight display resolution: 1g
Weight accuracy: ±10g
Operating Environment: 20℃ to 30℃
Humidity: 10 to 95% RH
Air Velocity: Up to 0.3m/sec

INAIT-1000 Transport Infant Incubator

Features

1. Air mode and Baby mode controlled by micro-computer
2. Use AC Power and DC Power alternatively, DC12V or DC 24V Power on the ambulance
3. Set temperature, air temperature, skin temperature and internal battery power can be displayed by LED separately
4. Double wall hood with side door
5. The infant bed can be pulled out easily
6. Natural air flow humidity
7. The height of whole unit is adjustable
8. Oxygen cylinder and Oxygen supply system
9. H14LED observe light, adjustable brightness

Technical Specifications

Performance

Power supply: AC110/220V, 60/50Hz
Power input: 450VA
Air temperature control range: 25℃～37℃　37.1℃～38℃
Skin temperature control range: 32℃～37℃　37.1℃～38℃
Air/Skin temperature sensor accuracy: ±0.3℃
Temperature fluctuation: ±1℃

Uniformity of mattress temperature: ≤1.5℃
Air temperature deviation alarm: ±3℃
Skin temperature deviation alarm: ±1℃
Warm-up time: ≤40min
Internal noise level: ≤60dB(A)
Mattress size: 63cm(L)*32cm(W)
Trough capacity: 1200mL
Air filter: 0.5μm

Battery

Main battery: DC12V 40AH, Li-ion battery
Charge time: 12hours
Battery use time: 2hours
Auxiliary battery: DC8.4V 0.17AH, Li-ion battery

Operating condition

Environment temperature: 10℃～30℃
Environment relative humidity: 30%～75%
Environment air velocity of flow: ＜1m/s

Standard configuration

Main body (including the Transparent hood, Double hood, Control system, Infant bed, Water trough, Skin temperature sensor, two Oxygen cylinders), I.V. pole, Mattress, Observe light

Optional Functions

Ambulance type big trolley