

AVANTE

Infantia NB500

Infant Incubator

The Avante Infantia NB500 Incubator is specifically designed for infants, offering precise thermoregulation with control over temperature and humidity. It creates an optimal recovery environment for neonates with minimal noise. With an ergonomic design, the Infantia NB500 ensures extreme comfort for patients.

FEATURES

- Double pane walls and door for superior climate control and efficient heat insulation
- Large 7" LCD display
- Servo-control air, skin, and humidity temperature control
- Mattress tilt control 12°, Trendelenburg
- Black Box Technology: Patient data is saved in the internal memory drive for up to 728 days
- Built in X-Ray tray
- Includes IV Pole, tray, and drawer as standard accessories
- Height lift adjustment (optional)
- Scale (optional)
- Masimo SpO2 (optional)



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SPECIFICATIONS



Weight:
Approx. 218.92 lbs
(99.3 Kg)



Height:
53.31 inches
(135.4 cm)

Width:
40.31 inches
(102.4 cm)

Depth:
27.17 inches
(69 cm)



Air Control Range:
Normal 73.4 ~ 98.6°F,
Override 98.78 ~ 102.2°F

Air Measurement Range:
68 ~ 113°F ±32.9°F

Skin Control Range:
Normal 95 ~ 99.5°F,
Override 99.68 ~ 102.2°F

Skin Measurement Range:
77 ~ 113°F ±32.54°F



Display:
7" TFT color LCD

Alarm:
System, temperature, and
humidity alarms

Humidity Control

Control Range: 30 ~ 95%

Measurement Range:

15~99% ±5% R
(non-condensing)

Control system:

Steam (boiling at 100°C)

Water Box (humidity reservoir):

1,000 ml (autoclavable)

Function

Trend:

9~72 hours
(weighing scale 9 days)
2, 4, 8, 12, 24 hours
trend selection

Warm-up Time:

Silent Mode: 60 min.
Normal Mode: 45 min.
Fast Mode: 30 min.

Alarm (visual & sound):

27 events alarms
Stop alarm 4, 5, 15 minutes
according to alarm

Shelf (Option)

Dimensions:

8.6(W) x 13.1(D) x 1.4(H) in

Weight: Approx. 6 lbs

Weight Limit: Approx. 6.6 lbs

IV Plate (Option)

Dimension:

18.9(W) x 15.8(D) x 29.8(H) in

Weight: Approx. 11 lbs

Plate Dimension:

15.8(W) x 11.9(D) in

Weight Limit: Approx. 24.25 lbs

IV Pole (Option)

Dimension:

11.8(W) x 12.2(D) x 28.3~42(H) in

Weight: Approx. 5.5 lbs

O2 Measurement (Option)

Measurement Range: 18 ~ 100% ±5%

Weighing Scale (Option)

Measurement Range:

0 ~ 22 lbs ±0.1 lbs

Weight: Approx. 12.8 lbs

Alarm: Too much weight

Dimensions:

31.9(W) x 15.7(D) x 1.8(H) in

Hood

Mattress Tilt: up to 12°

Noise level:

Silent Mode: <45dB
Normal Mode: <55dB
Fast Mode: <66dB

Air Velocity Over the Mattress:
<0.3m/s

Air Filter Particle Size: 0.3 micron

Air Filter Efficiency: 99.8%

Power

Input: AC 110/220, 50/60Hz

Consumption: 1200VA

Internal Battery:

3.7 V, 2,600 mA Li-ion
Alarm sounds for 30 minutes
while no power

O2 Servo Control (Option)

Control Range: 21 ~ 65% ±5%

Max. Inlet Pressure: 120 PSI

Hose Diameter:

8, 9.5, 11, 13mm
(use only oxygen hose)

Alarms:

O2 module power failure
O2 module detached
O2 sensor fault
Low oxygen
High oxygen

Basket (Option)

Dimensions:

18.3(W) x 19.3(D) x 9.5(H) in

Weight: Approx. 9.5 lbs

Weight Limit: Approx. 22 lbs

Partition Dimension:

15.4(W) x 8.1(D) x 2.1(H) in

Partition Weight: Approx. 1 lb

Masimo SpO2 & External Monitor (Option)

Display: 7" TFT Color LCD

SpO2 Range: 1~ 100%

SpO2 Accuracy:

70 ~ 100% ±3digits
0 ~ 69% : unspecified

Pulse Rate Range:

25 ~ 240bpm ±3digits

CCD Camera: 510 x 492 pixels

Dimension:

14.4(W) x 1.4(D) x 33(H) in

Weight: Approx. 6.6 lbs

Tilt Angle: +30° ~ -50°

Swivel Angle: +180° ~ -140°

Alarms:

Open LEDs
Shorted LEDs
Interference detected
Low SpO2
No cable
Sensor off patient
Unrecognized sensor
Bad sensor ID offset
Shorted detector
High/low pulse rate
No adhesive sensor
No sensor connected
Too much ambient light
Low perfusion
Low signal IQ
Masimo board failure
Diagnostic failure
Procal failure