



SPECIFICATIONS



INFANT CLOSED INCUBATOR **SATIS+** REF. 3600

Satis+ Médipréma incubator is totally appropriate to neonatal care units.

To take charge of premature infants is more and more technical. Perfect temperature and humidity conditions are fundamentally essential for neonates care.

Médipréma is fully aware of that, and offers with **Satis+** incubator, ergonomics dedicated to intensive cares, a thermal efficiency and a humidification quality with no compromise to the detriment of the baby comfort.



Variable height adjustment model

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THERMAL REGULATION:

Air mode: regulation from 20°C to 39°C (with secure access below 28°C and above 37°C).

Skin mode: regulation from 35°C to 39°C (with secure access above 37°C).

Tendresse mode: adapted to skin-to-skin situation

Twins mode: air mode regulation suitable for simultaneous monitoring of 2 newborns

Stop heating mode: stops the thermo-humidity regulation of the incubator. The renewal of air in the canopy is still effective and skin temperature monitoring still possible.

Quick and secure temperature increase without exceeding the requested temperature. The use of Pt1000 Ohm platinum probes, which have almost zero time variability curve, assures the regulation system reliability.

ACTIVE AND SERVO-CONTROLLED SYSTEM OF HUMIDIFICATION

By boiling water. Adjustment range from 35% to 90% (with secure access above 80%).

Automatic mode

Water tank removable. Possibility to check the water level. Low water alarm. Automatic cleaning mode.

OXYGEN INLET

BUILT-IN OXYGEN MONITOR (option)

With measuring scale from 0 to 100% and high and low levels adjustable from 20 to 99%.

ServOx, SERVO-CONTROLLED SYSTEM OF OXYGENATION (option):

For a controlled and regulated oxygen level between 21% and 65% oxygen with high and low alarms.

BUILT-IN PULSE OXYMETER (option)

ADVANCED, OFFSET MANAGEMENT SYSTEM FOR ALARMS:

3 sets of visual and sound alarms have been defined depending on the level of emergency for the comfort of newborn baby and the medical teams. Crescendo of the alarms. Melodies and sound volumes adjustment.

INHIBITION WITHOUT CONTACT OF THE ALARMS:

Detection of the hand proximity by optical sensor.

TOO HIGH AMBIANT SOUND LEVEL ALARM:

Inform teams of rising noise level of the immediate environment of the child in relation to a target level preset. Could help then to take all necessary measures to recover an acceptable ambient noise level.

SOUND LEVEL 45 dB(A) (±3)

Allows the newborn to rest in a peaceful environment favourable to his development.



DESCRIPTION

7" WIDE COLOURS TFT TOUCH SCREEN:

Positionned on left head side, at eye level, adjustable and swivelling for greater visibility of datas and alarms. Visual alarm on 360°.

Pole extension to elevate the control box above the canopy (option).

Possibility to display the information in real time in trend curves (monitoring).

All the saved data can be accessed by PC communication for processing or storage.

BRIGHTNESS DAY/NIGHT SCREEN

SPACIOUS CANOPY (LxWxH 890x455x500mm):

In PMMA without bisphenol offering perfect visibility on 5 sides and many accesses to the baby.

Front and rear panel: inclined side. 2 large lateral swivelling doors with 2 portholes

Head and feet side: 1 two-leaf door

ERGONOMIC HINGE BOLTS:

Allowing to significantly reduce the noise when opening the ports, to increase the visibility inside the canopy and to open the ports with elbows without hygiene faults.

11 ORIFICES for easily passing sensors and pipes

COMFORTABLE BEDDING:

Mattress with memory of shape foam, welded bi-elastic polyurethan cover (LxWxH 620x390x30mm)

TILT POSITIONS CONTINUOUS +15°/-5°

Adjustable electrically from the outside

X-RAY TRAY

BUILT-IN ELECTRONIC SCALE (option): with memory

75% SLIDING OUT TRAY

ROTATING MATTRESS ±90° (option):

For an easy access to the neonate head, to facilitate precise and tactful gesture. Entirely removable for an easy cleaning.

FLOOR/BEDDING HEIGHT:

1000-1200mm (with variable height adjustment option). Optimizes the working position. Low position facilitates proximity with the child in a sitting position.

RAIL FOR ACCESSORIES on head side.

U-shape bumper rail in option.

4 SWIVELLING CASTORS (diam.125mm) 2 with brakes . Antistatic.



Fixed height model



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OPTIONS & ACCESSORIES

- Electrical variable height adjustment (200mm)
- 2nd pedal for variable height adjustment
- Sliding out mattress 75%, rotating 90°, removable
- Built-in electronic scale with trend memory
- Single patient skin probe
- Reusable skin probe
- Hydrogel thermal reflector probe removable patches
- Built-in SpO2 monitor
- SpO2 neonatal sensors
- Integrated servo-controlled O2
- O2 sensor for built-in oxygen monitor
- O2 set for wall outlet (0-15L/min flowmeter, humidifier and hoses)
- Internal ventilator hoses holder
- Hoods
- Double wall
- Pole extension for control box
- IV pole
- Sliding storage on feet side
- Swing aside tray (320x394mm)
- U-shape bumper rail
- Support for 2 bottles
- Stretch mattress cover
- Gel mattress
- Microbeads positioning cushions
- Wrist / ankle fixation
- Night & Day canopy cover
- Exam LED lamp with dimmer
- Kit for RS232 network data
- 110-120V 50/60Hz



TECHNICAL INFORMATION

HEATING POWER : 380 watts (absorbed power : 800 VA)

POWER SUPPLY : 220-240V, 50/60 Hz (110-120V on demand)

ELECTRICAL CLASS I

OVERALL DIMENSIONS (LxWxH max VHA model) : 1467x630x1368-1568mm

WEIGHT : 90 kg (VHA model without accessories)

CLASS IIB MEDICAL DEVICE