



SPECIFICATIONS

# médipréma

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

**Satis + Médipréma incubator** is totally appropriate to neonates 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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## SPECIFICATIONS

### THERMAL REGULATION:

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

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

**Tendresse mode:** adapted to skin to skin situation

**Twins mode:** 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** also available.

**Water tank removable.** Possibility to cross 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.

#### TOO HIGH AMBIANT SOUND LEVEL ALARM:

informs 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.

**HEATING POWER:** 420 watts (absorbed power : 700 VA)

**POWER SUPPLY:** 220-240V 50/60 Hz

**ELECTRICAL CLASSIFICATION IB**

**SOUND LEVEL** ≤ 45 dB(A)

**NETWORKING TRANSMITTING** datas in accordance with iTherm protocole

**CLASS IIB MEDICAL DEVICE**



## DESCRIPTION

### 7" WIDE COLOURS TFT TOUCH SCREEN:

positioned on head side (2 possible positions, right or left), at eye level, adjustable and swivelling for greater visibility of datas and alarms. Visual alarm on 360°.

Possibility to display the information in real time in curve forms (monitoring).

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

### BRIGHTNESS DAY/NIGHT SCREEN

### INHIBITION WITHOUT CONTACT OF THE ALARMS:

(detection of the hand proximity by optical sensor).

### SPACIOUS CANOPY (LxWxH 890x455x500 mm):

in PMMA without bisphenol with 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:

Anti-bedsores mattress with memory of shape foam, welded bi-elastic polyurethane cover (LxH 620x390x30 mm).

**TILT POSITIONS CONTINUOUS +15°/-5°** adjustable electrically from the outside. Horizontal position.

### X-RAY TRAY

### BUILT-IN ELECTRONIC SCALE:

with memory (option).

### 75% SLIDE OUT TRAY

### ROTATING MATTRESS:

(0-90°) for an easy access to the neonate head, to facilitate precise and tactful gesture (option).

### FLOOR/BEDDING HEIGHT:

1000/1200 mm (with the height adjustment option).

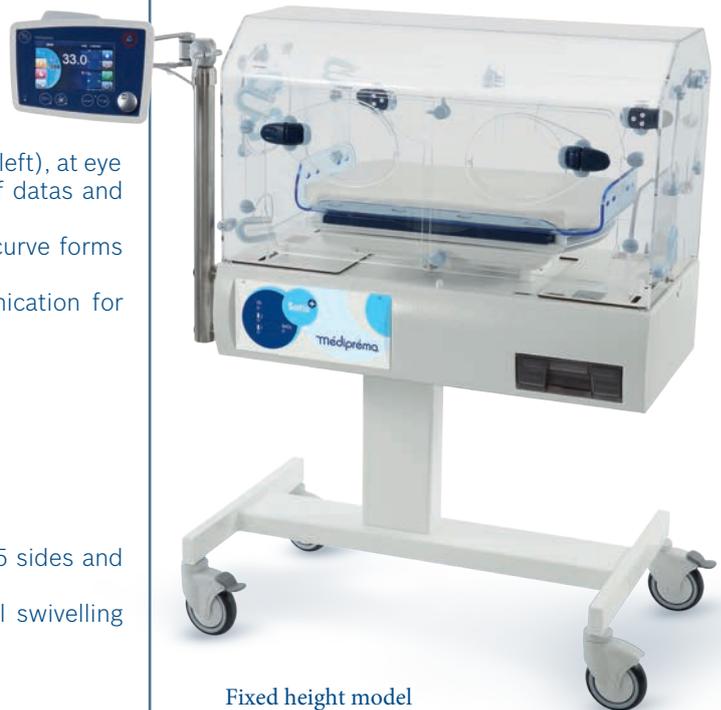
**RAIL FOR ACCESSORIES** on head side.

### 4 SWIVELLING CASTORS:

diam.125mm (2 with brake).

**DIMENSIONS:** LxH 1040x600x1390-1590 mm.

**WEIGHT** 90 kg.



Fixed height model

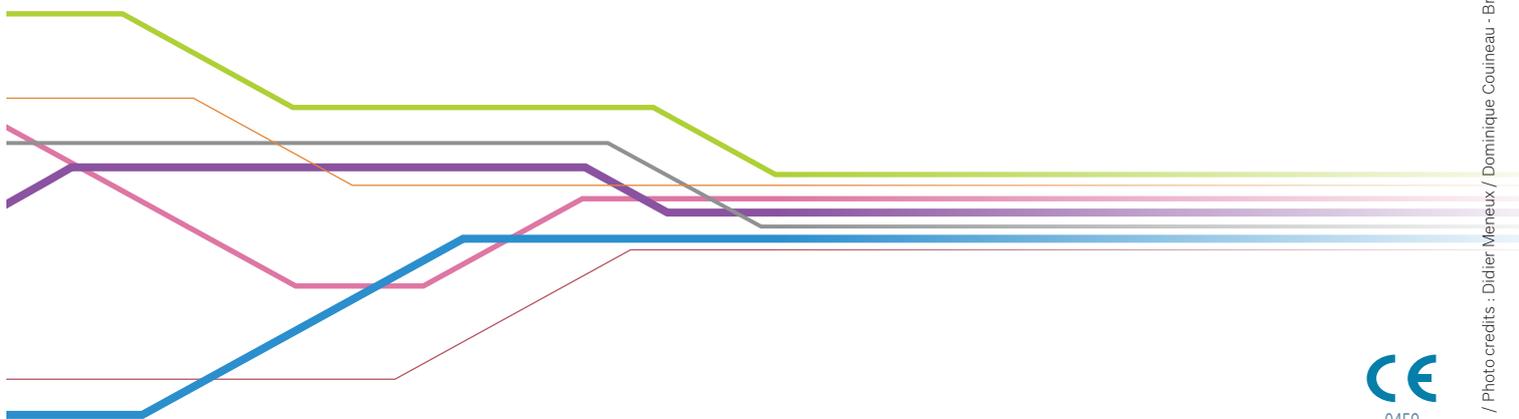


# INFANT CLOSED INCUBATOR **SATIS+**

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## OPTIONS & ACCESSORIES

- Variable Height Adjustment (200mm)
- Ventilator hoses holder
- Double wall
- Built-in electronic scale with memory O2 kit (0-15l/min flowmeter, humidifier and hoses)
- Built-in oxygen monitor
- Built-in servo controlled oxygen
- Built-in SpO2
- Kit for RS232 network data
- Sliding storage space feet side
- Pivoting storage tray
- Stainless steel basket holder for naso gastric tubes
- Autoclavable water tank
- Day and night cover
- Gel mattress
- Single patient skin probe
- Oxygen cylinder holder
- IV pole with clamp
- Front and rear bumper rail
- 2<sup>nd</sup> pedal for variable height adjustment
- Inverter shelf
- Antistatic wheels diam. 125mm
- UPS
- 110-120V 50/60Hz



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