



## INFANT CLOSED INCUBATOR **INOTHERM** REF. 3800

**Médipréma Inotherm incubator** is totally appropriate to neonates intensive care units.

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

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



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### PERFORMANCES

#### THERMAL REGULATION (MULTIMODE INCUBATOR):

**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).

**Pretherm® mode:** unique mode of management of thermoneutrality conditions for newborns. Takes into account the daily anthropomorphic characteristics of the child (weight and size), the dress isolation and ventilatory support to define the air temperature and a suitable level of humidification.

**Care mode:** Mode limiting unwanted audible alarms and adapting the incubator thermoregulation during prolonged interventions on children, doors opened.

**Tender 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.

#### 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. Adjustment of melodies and volumes possible.

#### INHIBITION WITHOUT CONTACT OF THE ALARMS

Detection of the hand proximity by optical sensor.  
Alarms can also be stopped by foot (option).

#### OPENING DOORS DETECTOR:

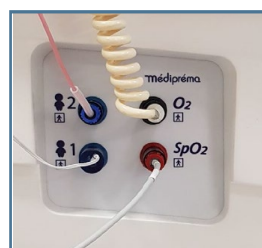
To be alerted in case of bad closing doors to prevent any accidental drops.

#### 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.

#### SOUND LEVEL $\leq 39 \pm 3$ dB(A)

Allows the newborn to rest in a quiet environment conducive to his development.



## 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°.

Pole extension for control box available (option) to position the screen above the canopy.

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

### SPACIOUS CANOPY (LxH 912x550x465 mm):

in PMMA without bisphenol; and with perfect visibility on 5 sides and many accesses to the baby.

**Access+** that allows to widen the access to the baby especially during medical gestures.

**Front and rear panel** : 2 inclined side. 2 large dropped down 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.

### SLIDING AND $\pm 90^\circ$ ROTATING MATTRESS:

for an easy access to the neonate, to facilitate precise and tactful gesture

### COMFORTABLE AND SPACIOUS BEDDING:

Mattress with memory of shape foam, welded bi-elastic polyurethan cover (LxH 640x510x30 mm).

### TILT POSITIONS:

continuous  $+12^\circ/-5^\circ$  adjustable electrically from the outside. Automatic pause in horizontal position.

### X-RAY TRAY reachable from the outside without necessity of opening the doors

### BUILT-IN ELECTRONIC SCALE with memory (option)

### FLOOR/BEDDING HEIGHT:

810-1110mm. Optimizes the working position. Low position facilitates proximity with the child in a sitting position .

### RAILS FOR ACCESSORIES on head and feet sides

### SLIDING STORAGE SPACE ON FEET AND HEAD SIDES

### 4 SWIVELLING CASTORS (diameter 125mm), 2 with brake





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## OPTIONS & ACCESSORIES

- 2nd pedal for variable height adjustment
- Ventilator hoses holder
- Double wall
- Built-in electronic scale with memory
- Built-in oxygen monitor
- ServOx, built-in servo-controlled oxygen
- Single patient skin probe
- Reusable skin probe
- Hydrogel thermal reflector probe patches
- Built-in SpO2 monitor
- Stop by feet alarm inhibition
- Pole extension for control box
- Pivoting storage tray (320x394mm)
- Day/night cover
- Oxygen & air cylinders + inverter holder
- O2 Hoods
- IV pole
- Exam LED lamp with dimmer
- Positioning cushions
- Wrist/ankle fixation
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## TECHNICAL INFORMATION

**HEATING POWER:** 500 watts (absorbed power : 900 VA)

**4 ELECTRICAL OUTLETS AVAILABLE** for accessories

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

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

**ELECTRICAL CLASSIFICATION I**

**DIMENSIONS** (LxH max) : 1434 x 761 x 1494 mm

**WEIGHT** 115 kg

**CLASS IIB MEDICAL DEVICE**

