médipréma

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

Médipréma Inotherm incubator is totally appropiate 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.

inotherm
by médipréma

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PERFORMANCES

THERMAL REGULATION (MULTIMODE INCUBATOR):

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).

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

Care mode: management of the thermo-humidity conditions of the incubator during prolonged interventions on children, doors opened.

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 BOLLING 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.

OPENING DOORS DETECTOR:

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

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)

4 ELECTRICAL OUTLETS AVAILABLE for accessories

POWER SUPPLY: 220-240V 50/60 Hz

ELECTRICAL CLASSIFICATION IB

SOUND LEVEL ≤ 39±3 dB(A)

NETWORKING transmitting datas in accordance with itherm protocole

CLASS IIB MEDICAL DEVICE

DESCRIPTION

7" WIDE COLOURS TFT TOUCH SCREEN:
positionned on head side (2 posible 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).
Alarms can also be stopped by foot (option).

SPACIOUS CANOPY (LxlxH 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.

COMFORTABLE BEDDING:
Anti-bedsore mattress with memory of shape foam, welded bi-elastic polyurethan cover (LxlxH 640x510x30 mm).

TILT POSITIONS:
continuous +12°/-5° adjustable electrically from the outside. Horizontal position.

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

BUILT-IN ELECTRONIC SCALE with memory (option)

SLIDING AND ROTATING MATTRESS:
for an easy access to the neonate head, to facilitate precise and tactful gesture

FLOOR/BEDDING HEIGHT:
810-1110mm (VHA model). Optimizes the working position. Low position facilitates proximity with the child in a sitting position .

RAILS FOR ACCESSORIES on head and feet sides

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

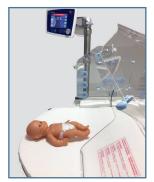**DIMENSIONS:** LxlxH 1190x635x1186-1486 mm

WEIGHT 115 kg (VHA model)

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OPTIONS & ACCESSORIES

- Variable height adjustment (300mm adjustment)
- 2nd pedal for variable height adjustment
- Ventilator hoses holder
- Double wall
- Built-in electronic scale with memory
- O2 kit (0- 15l/min flowmeter,humidifier and hoses)
- Oxygen regulation kit
- Built-in oxygen monitor
- ServOx, built-in servo-controlled oxygen
- Built-in SpO2
- Stop by feet alarm inhibition
- Pole extention for control base
- Sliding storage space feet side
- Sliding storage space head side
- Pivoting storage tray
- Shelf for instruments
- Large tray for horizontal rail
- Basket holder for naso gastric tubes
- Water tank, autoclavable version
- Day/night cover
- Single patient skin probe
- Oxygen & air cylinders + inverter holder
- IV pole with clamp
- Antistatic wheels diam. 125mm
- Inverter
- Kit for RS 232 network data

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CONCEPTION FRANCE FABRICATION

médipréma

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