

# IDN-03

## Neonate intensive care incubator

The incubator is intended for nursing and carrying out of intensive therapy for neonates, including premature babies having critically low weight (from 500 g) in departments of neonates resuscitation, intensive therapy wards, neonates pathology sections, emergency and medical pediatrics sections, maternity homes.



### Advantages

- Availability of a system for automatic horizontalizing of infant module
- Built-in video camera for neonates condition monitoring with output to PC (option)
- It is possible to complete with functional cover for infant couveuses
- Self diagnostic system controlling the incubator functioning
- 6 windows of access to neonate, folding panels from two sides
- Microprocessor control
- Infant module tilt adjustment
- Trends output to the monitor
- Possibility of radiography
- Independent system of protection from overheating
- Monitored parameters: Air temperature, skin temperature (2 sensors), relative humidity of air, oxygen concentration, body mass

### Technical characteristics

Adjustment of temperature inside infant module . . . . .	from 30°C to 39°C
Adjustment of temperature over neonate's skin . . . . .	from 34°C to 39°C
Measurement step . . . . .	0,1
Admissible error . . . . .	0,3
Relative humidity adjustment . . . . .	from 20 to 95 %
Oxygen concentration adjustment . . . . .	from 21 to 75 %
Neonate's weight measurement . . . . .	from 0,02 to 10 kg
Vertical displacement (lift) of infant module . . . . .	240 mm
Infant module tilt angle . . . . .	±10°
Continuous operation time . . . . .	more than 72 hours
Level of sound in infant module . . . . .	45 dBA
Concentration of CO <sub>2</sub> in infant module . . . . .	not more than 0,4%
Class of safety . . . . .	IIb
Overall dimensions (height x width x length) . . . . .	1650x750x1100 mm