

fabie

Radiant incubator for neonates



Fabie offers a large equipment versatility, thus allowing its use as open incubator or resuscitation table. Fabie is dedicated both for maternity and obstetric theatres as well as in intensive care or neonatal resuscitation departments. Its radiant warming process allows a rapid temperature increase and effective warming in response to environmental variations.

RADIANT HEATING

- by a quartz emitter
- **Fast (10 min.) and safe temperature increase** without exceeding the setpoint temperature
- **Responsiveness to environmental variations**
- Uniform warming over the entire bedding area

MULTIMODE THERMAL REGULATION

- **Air Mode:** regulation between 20°C and 39°C (with secure extension below 28°C and beyond 37°C)
- **Skin Mode:** regulation between 35°C and 38°C (with secure extension beyond 37°C)
- **Tender Mode:** mode suitable for skin-to-skin sessions
- **Stop Heating Mode:** cuts off heating while maintaining monitoring of the infant's skin temperature

The Fabie offers a **GENUINE AIR MODE** just like closed incubators: temperature sensors take into account of the ambient temperature of the surroundings to automatically regulate the heating power and indicate the temperature of the air (in °C) at the infant's level.

- **Peripheral temperature monitoring** (optional peripheral skin temperature sensor).

CONTROL BOX

- with LCD screen **at eye level** providing a clear view of the data and alarms.
- The data can be visualised in the form of real time curves (monitoring).

INTEGRATED O₂ ANALYSER

- (optional sensor) with a 0 to 100% measurement scale; upper and lower thresholds adjustable between 20 and 99%.

APGAR TIMER

- with a double audible "beep" at 1, 3, 5 and 10 minutes.

AUDIBLE AND VISIBLE ALARMS

- **Pause button** for non-major audible alarm
- **Quiet Mode available:** audible alarm versus visual alarm time delay, allowing staff to intervene before the neonate is disturbed. 3 levels of urgency easily identifiable by flashing frequency and audible alarm delay.

AMBIENT LIGHT

- integrated into the hood



COMFORTABLE AND SPACIOUS BEDDING

- **Memory mattress** (LxWxH) : 725x580x50mm
- **Tilt positions** with a wide infinite adjustment range of +17°/-10°
- **Variable height** (optional): bedding height adjustable between 870 and 1070mm
- **X-ray cassette tray** accessible under the bedding for performing X-rays without moving the infant.
- **Hood pivoting through ±90°** to make it easier to take X-rays.
- **High transparent fold-down protective screens** for easier access to the infant. These screens are easily detachable for cleaning by soaking.
- **8 orifices** for easy passage of the sensors, drains and tubes

APPROVED INTEGRATED ELECTRONIC BALANCE

Allows accurate and completely safe weighing (0.1-10kg) without moving the neonate (optional)

INTEGRATED HEATED MATTRESS

(optional) Provides the infant an additional heat source to the radiant heating system:

- **Regulation of the mattress temperature** between 28°C and 38.5°C (with secure extension below 35°C and above 37°C)
- **Excellent heat distribution** over the entire bedding
- **Gel mattress** for maximum comfort (LxWxH): 720x525x13mm
Guaranteed latex- and silicone-free

EQUIPMENT VERSATILITY

Serving both as a resuscitation table and an open incubator, Fabie offers a high level of adaptability to suit the needs of caregivers, both in maternity units and obstetric theatres as well as in intensive care and neonatal resuscitation departments, owing to a design that allows attachment of a wide range of optional accessories:

- **Resuscitation kit**
 - Air/O₂ fluid set
 - Maxblend Air/O₂ blender
 - Humidifier for O₂ flowmeter
 - Wall-mounted vacuum set
 - NeoPuff semi-automatic insufflator
- **IV pole stand**
- **Ventilator tube bracket**
- **Bracket for 2 cylinders**
- **Inverter bracket and Inverter**
- **LED examination light** with adjustable luminous intensity
- **Rear rail**
- **Accessory tray**, fixed or pivoting
- **Storage boxes**
- **Médipréma LED phototherapy apparatus**
- ...



TECHNICAL SPECIFICATIONS

Heat emitting source	Quartz tubes , in a hood with an internal reflector and protective grid Operating principle: direct radiation of infrared energy Temperature increase = 10 min. (from 25°C to 36°C for a control temperature of 37°C) Heating level indicator on monitoring screen: progress bar and value in %	
Multimode thermal regulation	4 regulation modes: Air / Skin / Tender / Stop Heating	
Control ranges	Air Mode: 20°C to 39°C (with secure extension <28°C and >37°C) Skin Mode: 35°C to 38°C (with secure extension >37°C)	
Temperature display	Dual display of the setpoint temperature and actual temperature 0.1°C increment and measurement accuracy of $\pm 0.8^\circ\text{C}$ (Air mode) 0.1°C increment and measurement accuracy $\pm 0.3^\circ\text{C}$ (Skin mode)	
Display ranges	Temperatures: 5°C to 45°C Oxygen: 0-99%	
Timer	APGAR timer with a double audible "beep" at 1, 3, 5 and 10 min. Maximum time: 59 min. 59 secs / Counter accuracy: 1 sec. Reset button	
Audible and visual alarms	Yes: air/skin temperature outside setpoint thresholds, no sensor, mains disconnection,... Quiet mode available. Alarm crescendo. Alarm pause button.	
Mattress dimensions (LxWxH)	Standard memory mattress = 725x580x50mm Memory mattress for integrated balance option = 725x520x50mm Gel mattress for warming plate option = 720x525x13mm	
Bedding	Forward tilt +17° / backward tilt -10° Floor / bedding height = 904mm (Fixed Height) / 870-1070mm (Variable Height) Distance between radiant warmer / bedding = 780mm	
Protective screens to safeguard the bedding	4 fold-down and detachable transparent panels (height = 200 mm) 4 tubing ports and 4 orifices for drain passage at the bottom	
Balance (optional)	Compliant with European directive 2014/31/EU Total permitted load on the bedding = 0.1-10kg / e=d=10g	
Dimensions of the device	1101x600x1835 mm (FH) / 1101x600x1800-2000mm (VH)	
Weight of the device	80kg (without storage box and VH)	
Maximum permitted loads	Bedding = 10kg Storage box = 3kg Rear accessory shelf = 1kg	Large rear tray (optional) = 10kg Pivoting apparatus tray (optional) = 3kg
Mobility	4 x \varnothing 125mm pivoting castors, including 2 with brakes Antistatic castors (optional)	
Power consumption	Standard radiant: 900VA Warming plate option: 100VA	
Heating power	Standard radiant: 600W Warming plate option: 75W	
Lighting power	LED ambient lamp integrated into the radiant hood: 4W (425 lux) Dimmable LED examination light (optional): 7W (30,000lux)	
Supply voltage	220-240V (optionally 110-120V), 50/60Hz	
Protection class	I	
Storage conditions	Ambient temperature between -10°C and 40°C Humidity 20-90%	
Operating conditions	Ambient temperature between 20°C and 30°C Humidity 40-90%	
Medical device CE 0459 93/42/EEC	Classe IIb	