



SPHERA GROUP

# PLATELET INCUBATOR PI 110V PRO



- **Structure** : upright type, underbench fitting, realized in sheet steel epoxy coated white colour outside and stainless steel 18/10 AISI 304 inside. All the internal corners are rounded to make easy any cleaning operations and the internal bottom is tray type to contain spills
- **Insulation** : high density (40 Kg/m<sup>3</sup>) foamed-in-place polyurethane, with a thickness of 40 mm. CFC-free
- **Feet** : Nr 4, adjustable in height for levelling
- **Glass door** : Nr. 1, hinged, made a perimetrical aluminium frame and three layers of tempered insulating glass, with vacuum among the glass layers in order to increase the insulating rate. The door is provided with a removable magnetic rubber gasket in order to grant a perfect hermetic closing. The handle is realized in aluminium and it is fixed in the top part of the door. The door is also fitted with a spring loaded automatic closing device for openings inferior then 90° and special door switch that stops the internal ventilation at the door opening (to limit the air cold loss)
- **Internal electrical socket** : Nr 1, fitted in the backside of the storage chamber, with 230V/1ph/50Hz output, suitable for the connection of Schuko type plugs and provided with a spring loaded safe cover and rubber gasket to grant the maximum safety when not used, against humidity and accidental

shocks. The sockets operation is controlled through a special door switch to stop the electrical feeding at the door opening

- **Control panel "PRO"** : located in the bottom part of the structure, it is microprocessor operating with soft-touchpads and LCD display, allowing the control of all the functions and working status of the refrigerator (including alarms). The control panel is battery operating in order to grant the functioning of the alarms even in case of power failure. The main functions of the control panel are :
  - Large (2 lines writings) LCD display, retro-illuminated white colour with black writings, indicating the appliance working status (alarms, actual temperature, etc.)
  - Digital temperature adjusting and displaying with an accuracy of 0,1°C
  - Keyboard block with a password to avoid tampering from unauthorized persons
  - Visual and acoustic alarm for high or low temperature with programmable limits
  - Visual and acoustic alarm for door ajar, delayed of 30 seconds to allow the standard operations
  - Visual and acoustic alarm for power failure
  - Visual and acoustic alarm for battery discharged
  - Visual and acoustic alarm for condenser dirty
  - Possibility of muting of the acoustic alarms, with the continuous flashing of the signalling of the alarm condition on the display, until the alarm situation is not finished
  - Test alarm switch for both battery and alarm limits
  - Alarms memory with the possibility of checking from the display, when the alarm is started, when it is finished and which is the highest peak reached from the temperature
  - Events memory with the possibility of checking from the display, door openings, condenser dirty, etc.
  - NO/NC contact
  - RS 485
- **Cooling unit** : bottom mounted, with the condensing unit compounded by Nr 1 hermetic compressors and Nr 1 finned condenser, air cooled through a fan. Also, in the ceiling of the storage chamber, is mounted the finned evaporator with copper pipes, that is housed into a stainless steel cover that incorporate the fan. All the mounted components are industrial grade to grant the maximum reliability
- **Refrigerant** : R134a CFC-free
- **Heating element** : chamber mounted, housed into a stainless steel cover that incorporate the fan (same as for the evaporator). The heating element is industrial grade to grant the maximum reliability

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- **Refrigeration/Heating** : forced-air, through a fan, granting the maximum temperature uniformity and stability inside of the cabinet
- **Defrosting** : completely automatic, thermostat controlled. The condensate water is automatically channelled into an heated tray, located in the motor compartment, for the automatic evaporation of the condensate water
- **Temperature** : +22°C
- **Voltage (V/ph/Hz)** : 220-230/1/50
- **Plug** : Schuko type
- **Breakers** : Nr 2 glass cartridge fuses with a rating of 10A, at protection of the appliance
- **Noise level (dB(A))** : ≤ 48
- **Gross capacity (litres)** : 115
- **Net capacity (litres)** : 110
- **Dimensions (W x D x H cm)** : 62 x 66 x 83
- **Net weight (Kg)** : 60
- **Packed dimensions (W x D x H cm)** : 70 x 75 x 105 (0,55 m<sup>3</sup>)
- **Gross weight (Kg)** : 70

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## ACCESSORIES AVAILABLE



Kit of rollers



Safety door lock with key



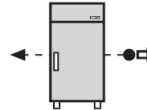
Temperature chart recorder



Electronic temperature printer



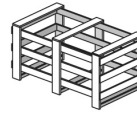
Data logger function with USB port



Cable port with cover



Different voltage



Wooden crate packing



Vers. July 13

\* The declared performances are referred at +35°C ambient temperature, relative humidity of 70% and without any internal thermal mass (empty cabinet).

\* Should it be necessary or useful without undermining any model essential features, technical and stylistic characteristics are subject to be changed without manufacturer's previous notice.

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