

UNITHERM REFRIGERATED INCUBATOR

With the "PRO CONTROL"

for UNITWIST Shaking Instruments

- **Temperature** : +4 to +60°C
- **Net capacity (litres)** : 110
- **Dimensions (W x D x H cm)** : 62 x 66 x 83
- **Net weight (Kg)** : 60
- **Gross weight (Kg)** : 70
- **Noise level (dB(A))** : ≤ 48
- **Voltage (V/ph/Hz)** : 220-230/1/50



CHARACTERISTICS:

- **Structure:** upright type, under bench 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/m³) foamed-in-place polyurethane, with a thickness of 40 mm. CFC-free
- **Feet:** Adjustable feet for leveling
- **Glass door:** hinged, made a perimetrical aluminum 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 aluminum 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 door switch that stops the internal ventilation at the door opening (to limit the air cold loss)
- **Internal electrical socket:** fitted in the backside of the storage chamber, with a 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:** located in the bottom part of the structure. We mounted our "PRO" control for maintaining of the setted temperature, defrosting, compressor and fans functioning. We are *able to do programmed temperature ramps!!* Into its functions, the thermostat includes an alarm, both acoustic (with a buzzer) and visual indication and an accuracy of 0,1°C
- **Cooling unit:** bottom mounted, with the condensing unit compounded by a hermetic compressor and one 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
- **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 channeled into an heated tray, located in the motor compartment, for the automatic evaporation of the condensate water