



## Cooled low temperature incubator "Prebatem"

**FORCED AIR FAN CIRCULATION.**

**MICROPROCESSOR CONTROLLED WITH DIGITAL DISPLAY**

**ADJUSTABLE TEMPERATURES FROM 5 °C UP TO 60 °C. RESOLUTION 0.1 °C**

**SEMICONDUCTOR HEATING AND COOLING SYSTEM.**

**QUIET-STABLE - FREE FROM VIBRATIONS - VERY ACCURATE - LOW POWER CONSUMPTION.**

**INNER TEMPERED GLASS DOOR.**



**NEW DESIGN**

### SAFETY:

**CONFORMS TO THE DIN 50011 STANDARD FOR TEMPERATURE STABILITY AND HOMOGENEITY.**

**CONFORMS TO THE DIN 12880.3.1.STANDARD ADJUSTABLE SAFETY THERMOSTAT FITTED.**

**Leading edge technology, Peltier effect. No compressor.**

### APPLICATIONS

Biotechnology, Bacteriology, Plasma fractionation, Biology, Enzymatic test, Research, Serum studies, metrology, Botany, Phytopharmacy, Cosmetics, Water analysis and Agricultural research.

### FEATURE

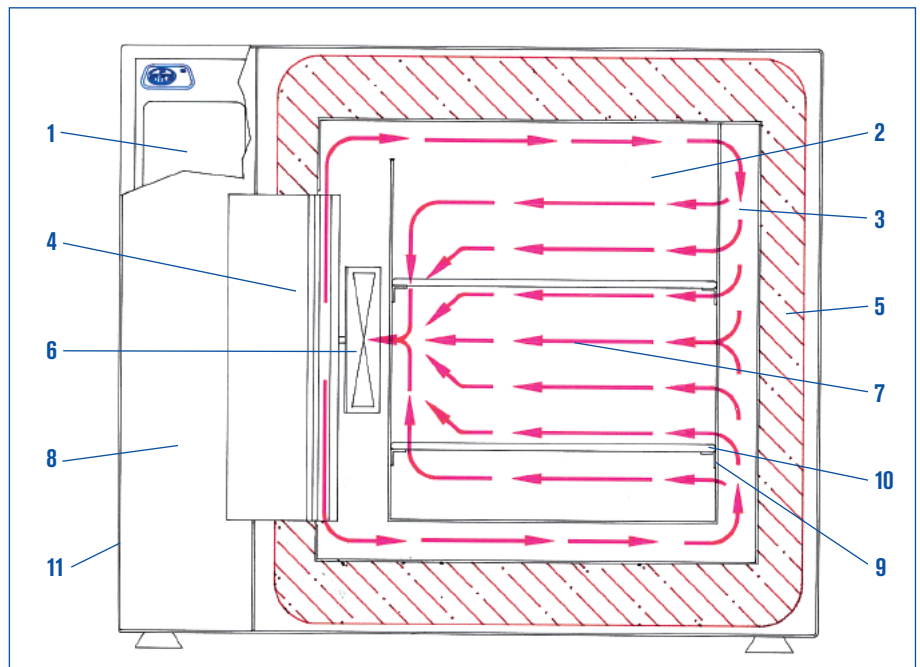
1. Microprocessor control and temperature display.
2. Inner chamber and elements made of AISI 304 stainless steel.
3. Premixing temperature chamber.
4. Semiconductor- static radiator for heating and cooling.
5. Excellent thermal insulation within the chamber.
6. Turbo fan to circulate the air.
7. Diagram showing the homogeneous air flow from the premixing chamber of the semiconductor cooling / heating system.
8. Independent insulated control box .
9. Support rack for trays.
10. Shelves of AISI 304 stainless steel.
11. Epoxy coated outer case.

### J.P. Selecta original technology

12. Adjustable guide rail positions.
13. Flexible silicon door gasket around the entrance of the chamber.
14. Excellent door seal and thermal insulator. The floating inner door forms a hermetic seal every time.
15. Adjustable pressure door lock.
16. Adjustable safety thermostat that maintains the temperature in the case that the microprocessor fails, with indicator light. Thermostat with microprocessor override.
17. Internal tempered glass door.
18. RS232 download and printer connection of all parameters.

### PERFORMANCE

	Specification		
	at 5 °C	at 37 °C	at 60 °C
Stability	±0.05 °C	±0.05 °C	±0.05 °C
Homogeneity	±0.35 °C	±0.30 °C	±0.75 °C
Set error	±0.25 °C	±0.20 °C	±0.40 °C



## CONTROL PANEL

Main switch.  
Mains indicator lamp.  
Microprocessor control and digital temperature display.  
Adjustable safety thermostat.

RS 232 download  
to a computer  
or printer of all  
parameters.

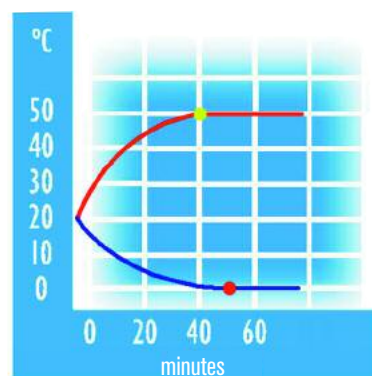


## STANDARD EQUIPMENT

2 shelves and 4 shelf guides.

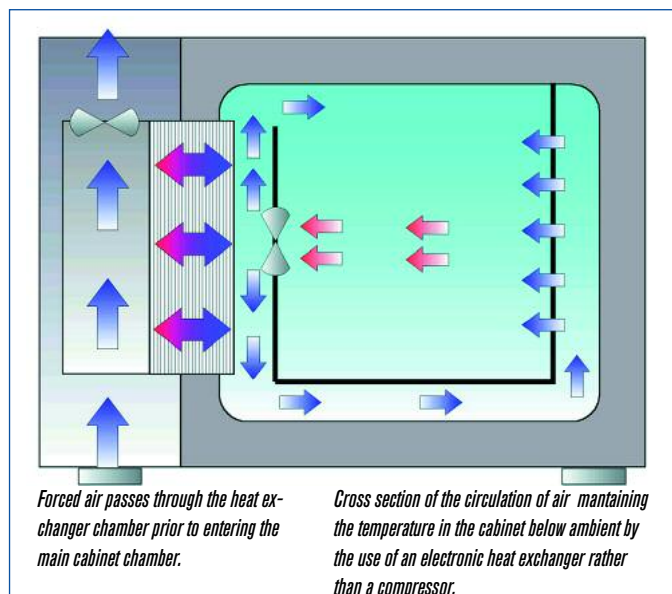
## MODELS

Part No.	Capacity litres	Height / Width / Depth (interior) cm			Height / Width / Depth (exterior) cm			Shelf guides	Power consumption W/hr.		Weight Kg	
									at 5 °C	at 40 °C		
<b>2000961</b>	36	40	30	30	60	65	49	7	70	50	310	54
<b>2000962</b>	80	50	40	40	70	75	59	8	75	55	310	73
<b>2001250</b>	150	50	60	50	70	95	68	8	90	60	310	94



Performance graph of temperature and time.

- Set a 50 °C: 40'
- Set a 0 °C: 48'



Note: To obtain the optimum homogeneity at the set temperature, the load should not surpass more than 70 % of the volume of the chamber.



## ACCESSORIES

Accessories must be factory installed.



**Digital printer for time and temperature** with numerical printout on continuous paper roll, with print intervals from 1 minute to 99 hours.  
Part No. **2000016**



**24 hour programmer** with continuous on/off cycling up to every 15 minutes.  
Part No. **2000009**

## SPARES

Shelves and guides.

Oven Part No.	2000961	2000962	2001250
<b>Guides (2) (Set)</b>	<b>2000012</b>	<b>2000013</b>	<b>2000015</b>
<b>Shelves</b>	<b>2000022</b>	<b>2000023</b>	<b>2000025</b>

Each self requires two guides i.e. one set.