



## Vacuum drying oven "Vaciotem-TV"

DIGITAL TEMPERATURE CONTROL, ELECTRONIC VACUUM PRESSURE DISPLAY AND TIMER.  
 CONTROLLABLE TEMPERATURE FROM 35 °C TO 200 °C  
 STABILITY  $\pm 1$  °C, UP TO 100 °C. HOMOGENEITY  $\pm 2$  °C, UP TO 100 °C. SET ERROR  $\pm 1$  °C. RESOLUTION 1 °C.



### SAFETY:

OVER TEMPERATURE CUT OUT FITTED IN ACORDANCE WITH THE EN.61010 STANDARD.  
 DIN 12880.2 STANDARD ADJUSTABLE SAFETY THERMOSTAT FITTED.

### FEATURE

Digital electronic control of: temperature, vacuum pressure and pre-selected programmable timer.  
 Temperature sensor Pt100  
 Automatic air inlet at the end of the operation cycle.  
 Heating element placed evenly around the chamber.  
 Chamber made of AISI 304 stainless steel.  
 Trays made of anodised aluminium.  
 Door with hardened glass window, which sits on to a silicon gasket that absorbs any contractions and expansions that may occur.  
 Vacuum port with bleed valve.  
 Air valve at the front.  
 Vacuum pump connection at the back.  
 Epoxy covered outer case.  
 RS-232 Interface output for parameters to a computer, printer or USB adapter.



### CONTROL PANEL

- |   |  |
|---|--|
| 1. RS232 interface.   | 20. Push button to select temperature. |
| 2. Air inlet.   | 21. Push button to select time.        |
| 3. Air inlet valve.   | 22. Push button to increase value.     |
| 5. Vacuum pressure indicator lamp.                                  | 23. Push button to decrease value.     |
| 6. Air inlet valve indicator lamp, end of cycle.                    | 24. Push button to STOP/START.         |
| 7. Running indicator lamp.  | 25. Mains switch.                      |
| 8. Under vacuum indicator lamp.                                     | 26. Safety thermostat in operation.    |
| 9. Digital vacuum display in mbar.                                  |  |
| 10. Push button to select vacuum.                                   |  |
| 11. Push button to select electronic valve at the end of the cycle. |  |
| 12. Push button to increase value.                                  |  |
| 13. Push button to decrease value.                                  |  |
| 14. Push button to STOP/START.                                      |  |
| 15. Indicator of mode temperature.                                  |  |
| 16. Indicator of mode time.   |  |
| 17. Indicator of operating.   |  |
| 18. Indicator of mode waiting time.                                 |  |
| 19. Digital display of temperature or time.                         |  |

### BACK

- |                                  |
|----------------------------------|
| 27. Air inlet.                   |
| 28. Pump power connection.       |
| 29. Vacuum connection.           |
| 30. Adjustable safety thermostat |



### MODEL

| Part No.       | Vacuum Max.            | Capacity litres | Ø / Depth (interior) cm | Height / Width / Depth (exterior) cm | Shelves | Power W | Weight Kg |
|----------------|------------------------|-----------------|-------------------------|--------------------------------------|---------|---------|-----------|
| <b>4001490</b> | 10 <sup>-2</sup> mm Hg | 47              | 34 52                   | 54 76 70                             | 2       | 2000    | 73        |

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



**4120131 USB adapter model.**  
 Pen-Drive included (Memory board) for data storage.

Accessories see page 145