

Natural air convection, drying and sterilisation.

Fan assisted circulation, universal applications.

Natural air convection, bacteriology and incubation.

Control: analogue or digital process for temperature and time. (model dependent)

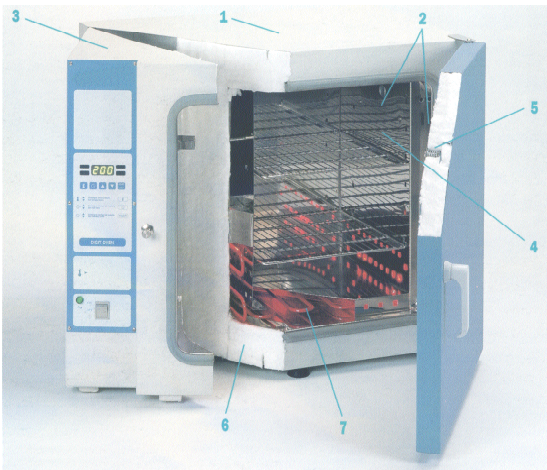
Conforms to the standards DIN58945. Heating requirement for stability and homogeneity.

Safety:

Standard EN.61010. Incorporated fixed over temperature device.

Standard DIN 12880.2. This standard is accomplished by the addition of a safety thermometer.

Supplied as a factory fitted accessory.



### General Features

#### Construction

1. External case treated with a corrosive resistant epoxy coating.
2. Interior: Easy to clean AISI 304 stainless steel double chamber, self adjusting door seal and adjustable shelves and guides.
3. Control panel: independent insulated control panel to facilitate all types of instruments, controls and regulators.
4. Adjustable air inlet.
5. Flexible inner door seal that adjusts automatically, maintains the best possible seal.

#### Technical Properties

6. Excellent thermal qualities and insulation that make for the best optimum performance between the heater capacity and power consumption, limiting external temperature influences.
7. Independent heating chamber for the heating elements to

obtain an even heat distribution and rapid temperature equilibrium and stabilisation. Fan assisted convection models have a turbo fan. All incubators for bacteriology and cell culture have a second inner door of tempered glass.

8. Locking device on analogue temperature controls.
9. Adjustable guide and shelf positions.
10. Double seal around the chamber to ensure for a gentle but effective seal.
11. Floating spring door that adjusts to pressure and absorption of thermal expansion.
12. Adjustable door pressure lock that permits the pressure door adjustment.

For all models, the values for stability and homogeneity shown are based on temperature conditions with the ventilation closed.

The optimum homogenisation of temperature within the chamber is based on a reasonable load that does not surpass more than 70 % of the volume of the chamber.