

# 3 cabinets thermal shock



CLIMATS

3 cabinets thermal shock chamber with a transfer basket volume of 340 dm<sup>3</sup>. This environmental chamber enables to carry out thermal shock standards with passage at ambient temperature.

Intended for export branch, this very powerful chamber has 3 cabinets equipped with independent regulation and can combine thermal shocks, fast change rate and stocking tests.

The transfer basket shifts on stainless steel bearings through tightness gaskets between each cabinet.

An added temperature probe set in the transfer basket (the closest to the product) is used either for reading, either as a product regulation probe. This possibility to regulate directly on product is associated to a PID (that can be accessed by users) and enables to optimize and customize tests according to products.



| Dimensions (mm) | W    | D    | H    |
|-----------------|------|------|------|
| Useful          | 700  | 640  | 700  |
| Overall         | 3320 | 2385 | 2150 |



## Technical features

### **Temperature range**

from +180°C to -75°C

### **Speed variation**

recovery time of 5 min in Thermal Shock mode from +150°C to -60°C and the other way round with 50 kg load of electronic components

15°C/min from +125°C to -50°C in Fast Change Rate mode in the cold cabinet

## Homogeneity and Regulation

### **Temperature homogeneity**

of  $\pm 1^\circ\text{C}$  from -70°C to +125°C

of  $\pm 1,5^\circ\text{C}$  above +125°C

### **Temperature regulation**

$\pm 0,5^\circ\text{C}$  after stabilization

