

Extreme 320

Compact environmental chamber for Extremely Rapid Change of Temperature

40°C/min average* 20°C/min linear**

Temperature range
from +200°C to -100°C

< 2,5 m² floor area

Climats beats back again the limits of change of temperature rates.

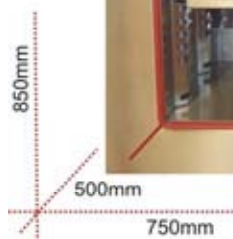
Experience and innovation are gathered in a concentrate of technology and power.



Extreme 320 associates :

- an unmatched velocity
- optimum dimensions
- the most advanced piloting ergonomics

In a **320 litres** volume, ventilation rates surpass 2 m/s while offering the possibility of regulating the air temperature directly on the product.



Thanks to its cabinet design, **Extreme 320** intensifies thermal exchanges between air and your products.

With **less than 2,5 m² floor area** and controlled power resources, **Extreme 320** enables to carry out, on site, Rapid Change of Temperature tests that were unattainable up to now.

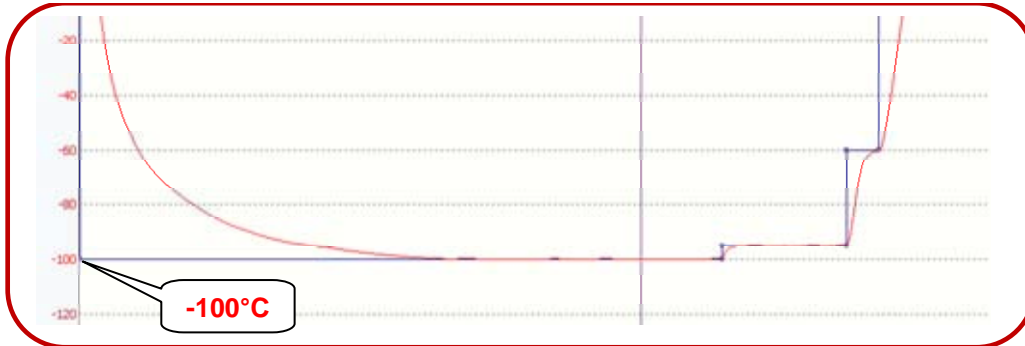
Climats



Temperature homogeneity between $\pm 0,5^{\circ}\text{C}$ and $\pm 1,5^{\circ}\text{C}$ within the range.

The regulation stability of $\pm 0,3^{\circ}\text{C}$ remains common to all the standard range while using high powers.

Temperature range: from $+200^{\circ}\text{C}$ to -100°C ***



Thanks to a simple refrigerating circuit adaptation, **Extreme 320** reaches -100°C without energy overcost of LN2 or CO2 type. You can obtain this level of performance on request.

+80°C to -30°C	>25°C/min linear
+80°C to -40°C	>20°C/min linear
+80°C to -50°C	>15°C/min linear
+150°C to -20°C	>40°C/min average
+150°C to -40°C	>30°C/min average
+150°C to -65°C	>20°C/min average
+150°C to -80°C	>15°C/min average

With this realization, **Climats** sets the new reference for environmental chambers in the Rapid Change of Temperature application.

* from $+150^{\circ}\text{C}$ to -20°C ** from $+150^{\circ}\text{C}$ to -40°C *** as standard from $+180^{\circ}\text{C}$ to -90°C