

# Breastmilk pasteurizer

Climats masters the process of breastmilk pasteurization thanks to its technology, its know-how and its experience.

Protocol of **pasteurization by forced-draught** – already used in breastmilk collecting centres – offers you advantages such as :

- A pasteurization controlled by a probe immersed in the indicator milk bottle
- A maximum reduction of the bacteriological contamination risks
- A +4°C low temperature preservation or a -18°C very low temperature freezing

The Climats pasteurizer also offers :

- A cycles reproducibility,
- A full traceability,
- An ergonomic equipment : control via an adjustable touch-screen, washable milk bottles racks, access via a door with viewing window,
- No water consumption during the pasteurization,
- A tests management with our software - as standard – SPIRALE 3 (the climatic reference),
- A possible networking.

Pasteurization of 90 bottles of breastmilk



Pre-programmable control touch-screen

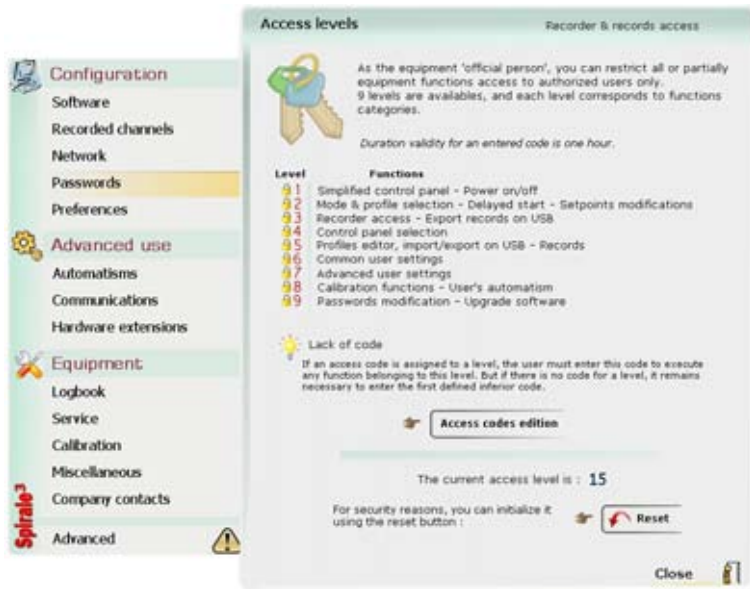


Climats



## Secured access

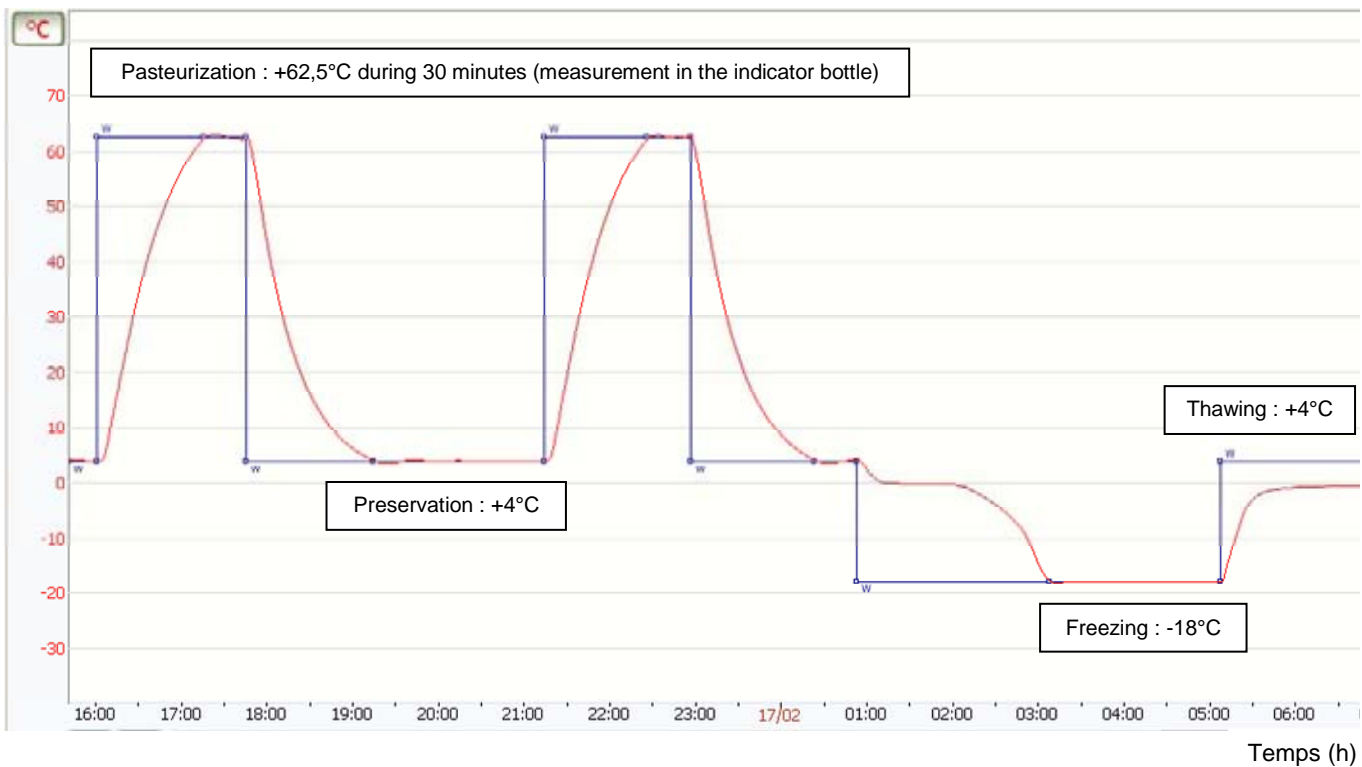
There are 9 access levels (user passwords) at your disposal for fully secured tests.



## Protocol of breastmilk pasteurization

- Bottles are filled up with milk at +4°C.
- Temperature is measured by a probe immersed in the indicator bottle, set in the middle of the pasteurizer.
- The milk is heated up to +62,5°C. SPIRALE 3, with its Wait-For system, ensures you a pasteurization of 30 minutes.
- After the pasteurization, the milk is cooled down to reach +4°C.
- A second pasteurization cycle starts to check the results reproducibility.

## Example of result for a pasteurization cycle of 60 bottles of 120 ml (12 litres of milk)



+4°C/+62,5°C	+4°C/+62,5°C	+62,5°C/+4°C	+62,5°C/+4°C	+4°C/-18°C	-18°C/+4°C
1h12	1h13	1h29	1h28	2h13	3h43