

Le Chatellier Water Bath

BC16



Application:

The device allows you to boil cement test tubes known as "Le Chatellier" tubes, following a very specific methodology.

Definition:

The stability test enables you to determine the possible risk of delayed expansion, due to hydration, of the cement.

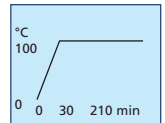
Features:

Complying with standard EN 196-3



Description of a heating cycle:

- Rise to 100°C strictly guaranteed in 30 min. (+/- 5 min.), whatever the volume of water in the tank, from an ambient temperature of 20°C
- The temperature is maintained at 100°C for 3 hours
- Evaporation is limited because of highly precise regulation of the temperature (it is possible to adjust the set point temperature to within about 0.1°C)
- Heating stops automatically at the end of the cycle



Simplicity:

- Purging tap
- Cleaning is made easy: there is no element in the stainless steel tank (external resistor element)
- Permanent display of temperature
- Removable basket



Safety:

- Reinforced insulation, the outside walls of the boiling vessel stay cold
- Alarm and automatic stoppage of heating if there is no water in the boiling device

Distinctive features:

- The whole cycle can be parameterized, so the times and set point temperatures can be modified to meet other demands
- It is possible to run the tests in liquid phase or in steam phase
- Measuring system is insensitive to dust
- You can visualize the test continuously to check levels

Specifications:

- Watt-hour consumption: 1,5 kW
- Dim. lxhxd: 45x35x35
- Net weight: 18 kg
- Sensitive volume: 5 liters
- Capacity: 16 needles