

## LABORATORY SCALE FURNACES

### SALT BATH FURNACE

In order to change the mechanical properties of the materials, it is designed and manufactured according to the needs of the tests. The heating time of the salt baths is four to five times faster than the other furnaces. Salt bath furnaces are characterized by rapid heat transfer and exceptional temperature uniformity. MSE produces salt bath furnaces for operating temperatures up to 850°C.

- Tmax: 850°C
- High corrosion resistant stainless steel bath
- System protection for over temperature. Audio visual warning alarm
- Programmable temperature
- Temperature measurement via protected thermocouples inside of furnace and bath
- Loading on top\*\*
- Heating on all side \*\*



\* The salt which is inside the furnace must not touch with water and with damp any pieces.  
For long-term breakdown stays the salt may get solid. In this cases, it is better to pre-heating without a sample.

- Tmax: 750°C
- 5 litres

