



HEAT TREATMENTS

At LKR alloys can be adjusted to strength ultimate values, optimizing of heat treatments and energy savings can be carried out on laboratory base.

OUR SERVICES

- Inert gas heat treatments
- Heat treatment in an oil bath
- Cooling in a water bath
- Homogenizing
- Soft annealing
- Stabilizing annealing
- Solution annealing
- Artificial ageing

- **Climatic chamber**
Corrosion test
Modification humidity
Modification temperature
- **Water bath (Fa. Haake)**
- **Oil bath (Fa. Haake)**
- **Device for temperature data collection (Fa. Eurotherm)**

PLANTS

- **Protective gas furnace (Fa. Hofmann)**
Temperature range: room temperature to 550°C
- **Four solution annealing furnaces (Fa. Nabertherm)**
Temperature range: room temperature to 650°C
- **Two artificial ageing furnaces (Fa. Heraeus)**
W=554mm, H=644mm, D=503mm
Max. temperature: 300°C
- **Artificial ageing furnace (Fa. Vötsch Industrietechnik)**
Max. temperature: 250°C



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