

LABORATORY SCALE FURNACES

METAL HEAT TREATMENT FURNACE

For metals such as annealing, tempering, normalizing, and hardening, heat treatment is carried out under different atmospheric conditions at horizontal or vertical angle.

- T_{max}. 1500°C
- Inside diameter: 50 mm
- Heating on both side
- Moving stand
- Sample dropping system
- Horizontal or vertical use
- Adjustable gas flow
- Stainless steel water cooled gas inlet and outlet flanges**
- Manual adjustable gas flow
- Entegreted 10⁻² vacuum pump
- Proper tube for usage temperature
- Programmable step controller via digital display
- Temperature control via PID and ±1°C temperature display sensitivity
- Observation of set and real temperature
- Temperature measurement via thermocouple
- Delayed start and program save feature
- System protection for over temperature, audio visual warning alarm
- Error display in case a breakdown

Horizontal, vertical or angled work is preferred in order to provide various atmospheric conditions in the tube.

