

2. High-temperature electric furnaces

2.1 Chamber furnaces up to 1300°C

High-accuracy industrial electric furnaces are designed by professional engineers and made from high-quality materials, such as heavy-duty metal parts and thermal insulation materials, which are manufactured in our factory. Furnaces are equipped with ceramic or heat resistant steel hearth plates, depending on your application. They can be applied in metal and other branches of industry, and used for hardening, normalising, stress relieving, or other thermal treatment processes up to 1300 °C. Also, the furnace is fit with vents for removal of escaping gases or smoke during the thermal treatment process.

Base model

- Equipped with non-programmable controller Omron E5CC
- Control panel on the left/right side (depending on customer needs)
- Ceramic bottom plates
- Heating elements wrapped on ceramic tubes
- Thermal insulation made from refractory bricks and fibre
- Outside casing – metal sheet, powder painted grey (RAL 7035), frame – black
- Door opening to left/right side (depending on customer needs)
- Vent on the top
- Low power consumption
- Short heating time
- High level of accuracy
- Door safety switch
- OTP (over temperature protection)
- SSR relay
- 1 year warranty

Optional equipment

- Manual door lifting
- Electromechanical door lifting
- Turning platform for loading and unloading
- Reinforced bottom
- Heat resistant metal hearth plate up to 1150 °C
- Digital timer
- Data recorder
- Data communication/USB
- Calibration and maintenance of temperature measurement system
- Stainless steel furnace exterior
- Additional 1 year warranty

