Vacuum chamber resistance heating furnace

Application:

The furnace uses nickel chromium alloy wire as the heating element, is vacuum heat treatment of laboratory with the heating inside the chamber. Furnace body and electrical control cabinet make up a integrated horizontal structure, Furnace door is open laterally. It is applicable for metal material to do tempering, annealing, brazing, sintering, degassing treatment etc. under the condition of high vacuum. Meanwhile, it also applys to vacuum heat treatment of metal compound.

Features:

1. The furnace is square horizontal structure, very easy to load and unload.
2. All of operations can be done in the front of furnace, simple to work it.
3. A integrated structure, occupies small space, saving space.

Main technical parameters:

Rate power: 12KW
Rated temperature: 1100℃（protective atmosphere）
Max. heating zone: Φ120×200㎜
Ultimate vacuum: 5×10^{-4} Pa
Pressure rise rate: ≤2.0 Pa/h
Power supply: 380V/50Hz
Protective gas: argon or nitrogen
Max. Inflating pressure:＜0.03MPa
Temperature accuracy: ±1℃