

HIGH VACUUM FURNACE



High Vacuum Furnace for 1.600°C
Ø=40mm; HZH=70mm
Equipment sold to:
Universitat Autònoma de Barcelona - Spain

The equipment includes the following components:

- Furnace
- Lifting System (manual or electrically operated)
- Control Unit
- Gas Control Accessories
- Vacuum system

- Maximum operating temperature: 2.000 °C
- Secondary Vacuum up to 10^{-6} mbar
- Atmospheres: Vacuum, Inert or Reducing

It's a cold wall furnace, with cylindrical water cooled vessel and windows for visualisation. The sample introduction in the hot zone is made by a "linear motion feedthrough", so that the sample can be quickly brought down producing a fast cooling rate.

The vacuum is achieved by a rotary pump and a diffusion or turbo molecular pump.



High Vacuum Furnace for 2.000°C
Ø=100mm; HZH=100mm
Equipment sold to:
Institut de Chimie de la Matière Condensée de Bordeaux
ICMCB - CNRS (France)