

High Vacuum Sintering Furnace

TT1

Principle

Furnace for heat treatment under high vacuum

Manufacturer	Thermal Technologies
Furnace Type	vertical recipient, water cooled
Heating System	molybdenum mesh heater
Useable Volume	diameter approx. 100 mm height about 150 mm
Useable Gases	argon as purge gas
Pump Kit	rotary vane pump, oil diffusion pump
Pressure Range	high vacuum, better 1×10^{-5} mbar
Temperature Ranges	maximum temperature: 1500 ° C continuous operating temperature: 1350 ° C
Optional Equipment	carbonless diffusion pump oil
