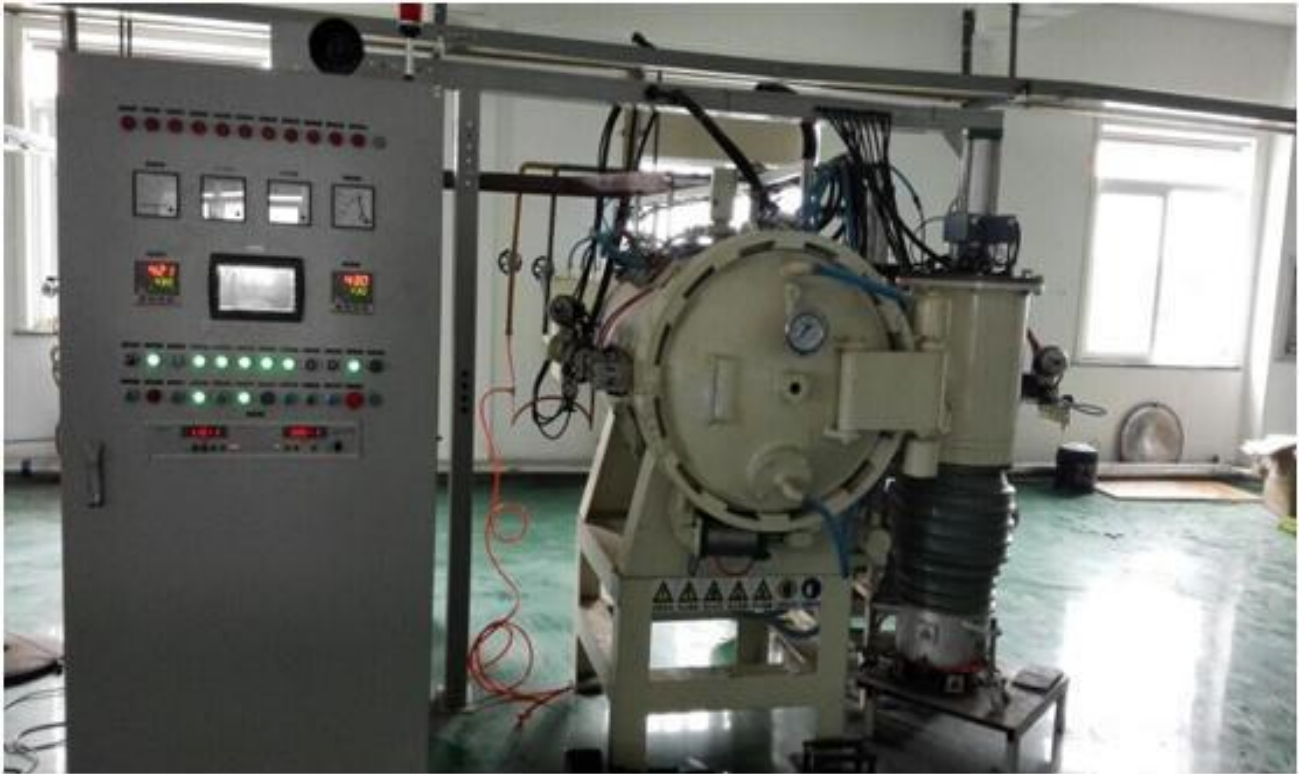


## Vacuum Gas Quenching Furnace

Model:RVGQ-335



### Usage & Features

RVGQ-335 type vacuum heat treatment furnace is used for stainless steel, tool steel, die steel, high alloy steel and other metal materials, tempered and solid solution aging heat treatment. After the heat treatment of the surface light, small deformation.

Control system consists of PLC control and Intelligent temperature controller to control temperature, which is accuracy and high degree of automation. It can enable automatic / manual switch without disturbance, simple and reliable operation, energy saving, pollution-free to the environment

## Technical indexes

- 1.Type : Horizontal type , single chamber cycling
- 2.Loading capacity : 200kg
- 3.Ultimate vacuum ( cold empty furnace condition after the gas drying ) :  $1 \times 10^{-5}$ mbar
- 4.Partial pressure : 1mbar
- 5.Pressure rising rate ( empty cold furnace condition ) :  $\leq 0.5$ pa / h
- 6.Maximum design temperature : 1300°C
- 7.Working temperature : 500°C -1200°C
- 8.Temperature uniformity(vacuum, empty, 1000C,3 points):  $\pm 5^{\circ}\text{C}$  ( 3 points )
- 9.Uniform Temperature Zone size W\*H\*L (mm) : 300 x300 x500
- 10.Heating power : 60 KW
- 11.Total power : 80 KW
- 12.Temperature control precision :  $\pm 1^{\circ}\text{C}$
- 13.Control Mode : PLC automatic / manual control interlock protection
- 14.Max charging pressure ( absolute pressure ) : 10 bar (adjustable)