



VACUUM GAS QUENCHING FURNACE



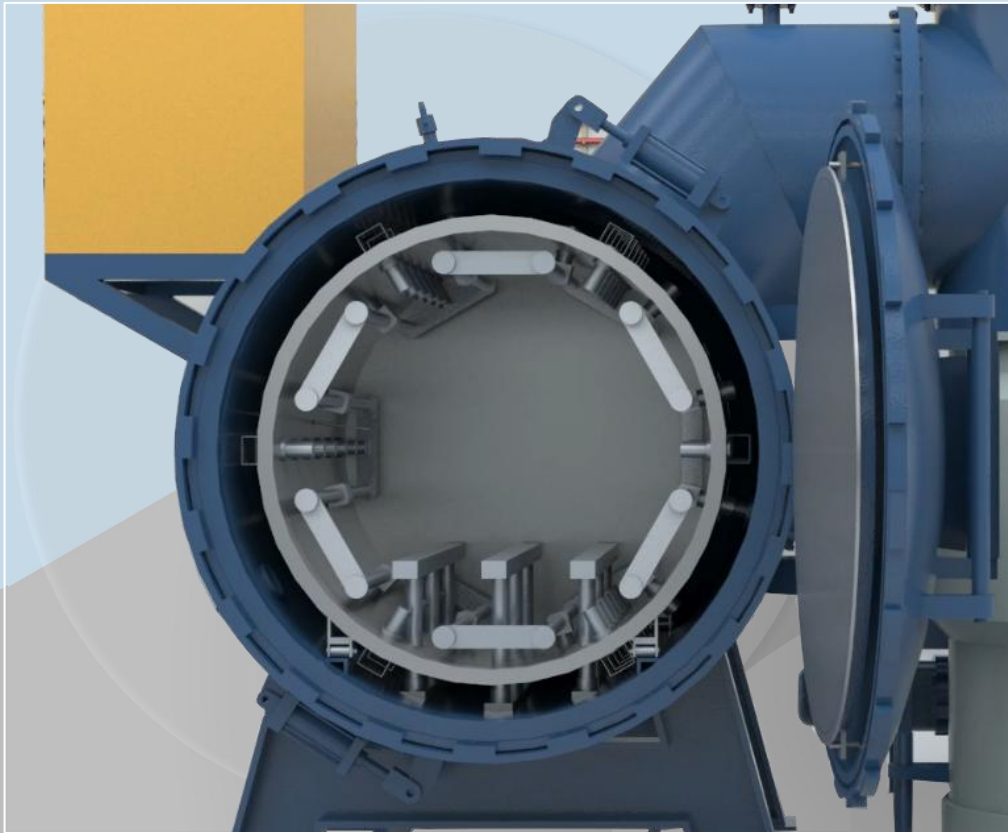
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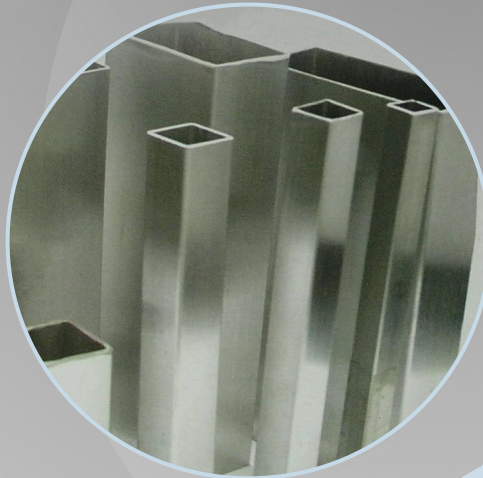
WEB: <http://www.syn-thermal.com/>

Application of Vacuum Gas Quenching Furnace

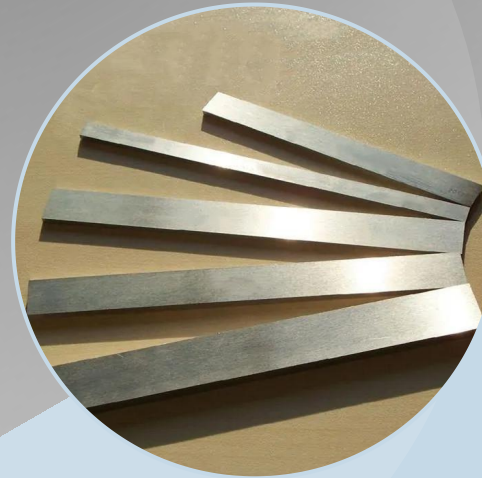
This equipment is mainly used for vacuum bright gas quenching of cold and hot working mold steel, high-speed steel, mold steel, stainless steel, alloy steel, titanium alloy and other materials. It can also be used for vacuum hydrogen removal of titanium alloy, vacuum brazing, etc.



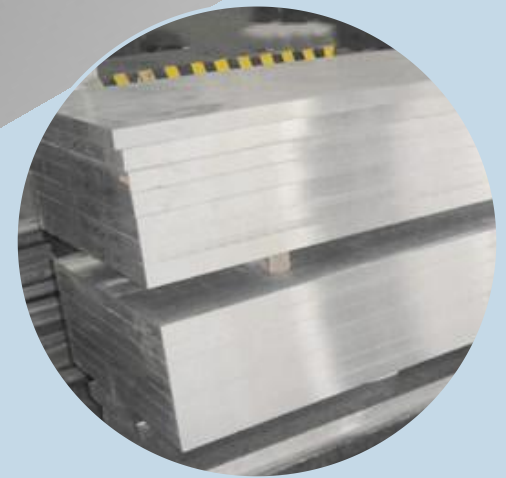
Titanium Alloy



Stainl Steel



High Speed Steel



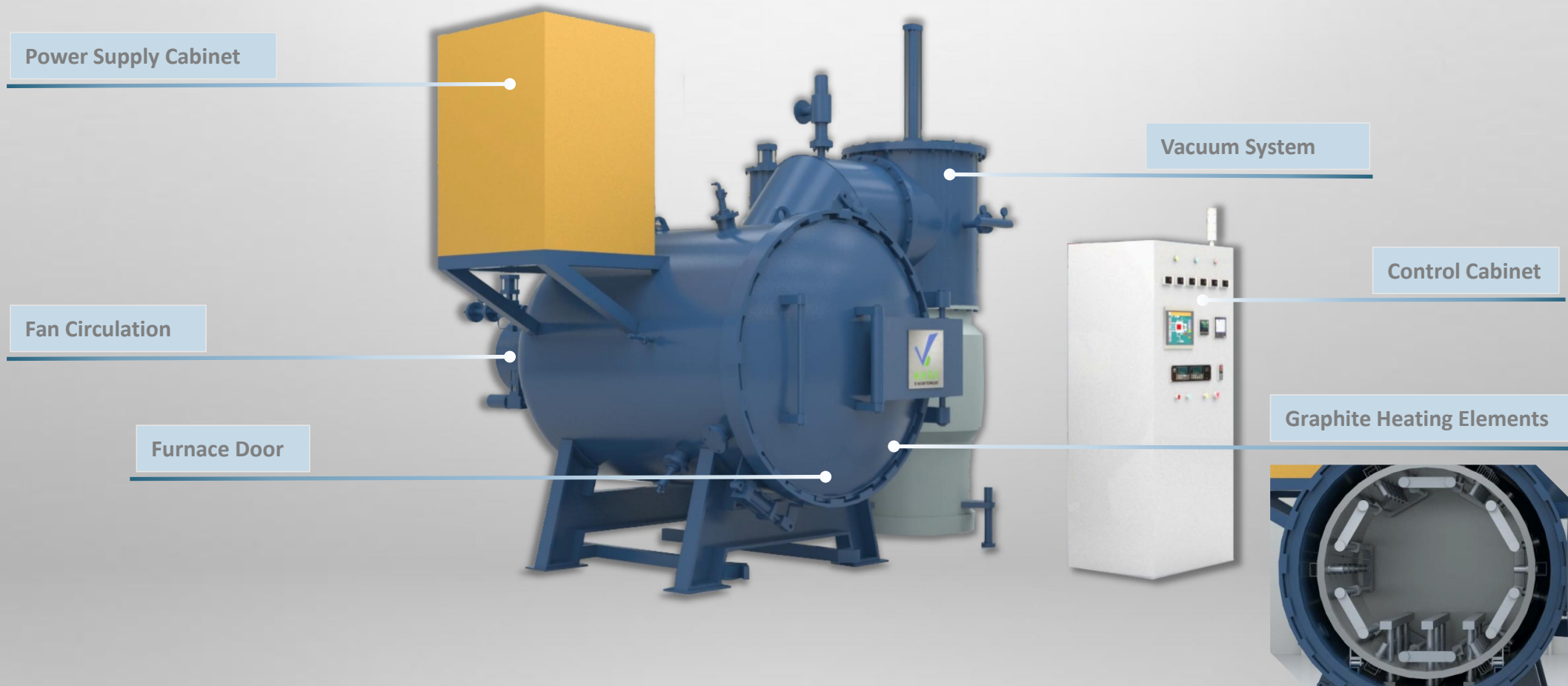
Abrasive Steel

| ADVANTAGES |



- high-temperature uniformity
- low energy consumption
- No heat losses in the environment
- low charge cooling time
- Operation Convinctly
- Save costs
- ...

VTG Detailed Display

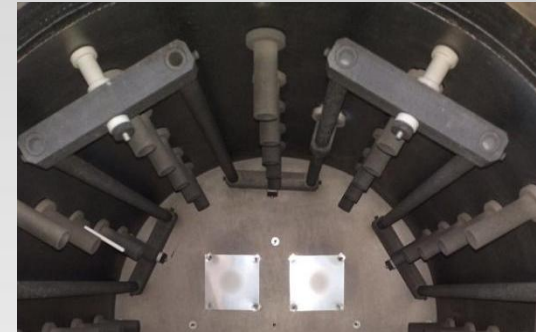


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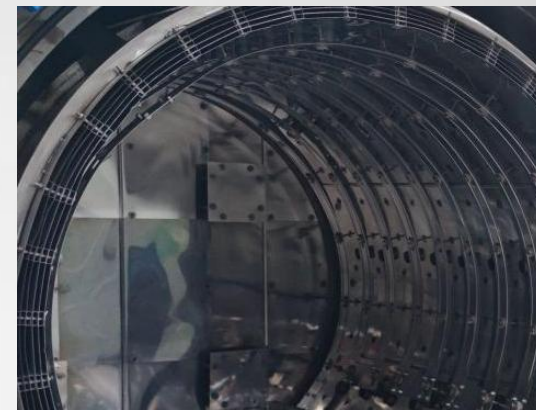
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Customer Cases



Graphite
Heating
Elements



Molybdenum
Heating
Elements

Vacuum
Gas
Quenching
Furnaces



Technical Data

VT Furnaces Type	Size (mm)	Loading (Kg)	Heating Element	Heating Power (Kw)	Max. Temp. (°C)	Temp. Uniformity (± °C)	Ultimate Vacuum (Pa)	Pressure rise Rate (Pa/h)	Air cooling pressure (bar)
VTG-335	300×300×500	100	Graphite/Mo	80	1320	5	6×10^{-3}	0.5	6/10
VTG-446	400×400×600	200	Graphite/Mo	100	1320	5	4×10^{-1}	0.5	6/10
VTG-557	500×500×700	300	Graphite/Mo	120	1320	5	6×10^{-3}	0.5	6/10
VTG-669	600×600×900	500	Graphite/Mo	150	1320	5	4×10^{-1}	0.5	6/10
VTG-8812	800×800×1200	800	Graphite/Mo	240	1320	5	6×10^{-3}	0.5	10
VTG-1115	1000×1000×1500	1500	Graphite/Mo	500	1320	5	6×10^{-3}	0.5	10

Notice: Various sizes and types vacuum furnace are available. For more details welcome to contact us!



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