



Application:

The furnace with the periodic operation, under the condition of high temperature and atmosphere pressure, mainly used to sinter cemented carbide, ceramics and powder metallurgy shaping.

Features:

1. Vertical structure, it is made up of furnace body, heating and thermal insulation system, furnace cover and its lifting device, vacuum system, atmosphere control system, temperature control and system of temperature measurement.

2. Electrical control is performed by the silicon controlled voltage regulator and imported programmable PLC programmable controller, LCD digital touch screen shows the simulative sintering condition inside the furnace. The pressure control is done through piezoresistive pressure transducer made in Switzerland. Also owning over-temperature, over-voltage protection and the sound-light alarm function.

Main parameters:

Model	Rated power	rated temperature	Working zone	Leak rate	Final vacuum	Max. pressure
ZTQ-60-20	60KW	2000℃	Ø200X250mm	≤3Pa/h	10 ⁻³ Pa	9.8MPa
ZTQ-80-22	80KW	2200℃	Ø200X300mm	≤3Pa/h	10Pa	5MPa
ZTQ-100-22	100KW	2200℃	Ø200X220mm	≤3Pa/h	1Pa	9.8MPa



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Main parameters:

Model	Rated power	rated temperature	Working zone	Leak rate	Final vacuum	Max. pressure
ZTQ-200-21	200KW	2100°C	Ø300X400mm	≤3Pa/h	10Pa	9.8MPa
ZTQ-220-20	220KW	2000°C	Ø500X600mm	≤3Pa/h	1Pa	3MPa
ZTQ-360-20	360KW	2000°C	Ø800X1400mm	≤3Pa/h	1Pa	2MPa