

# Low Vacuum Atmosphere Furnace >>



## 1700°C Vacuum Chamber Furnace

### Main Features

1700°C Atmosphere Chamber Furnace is widely used in special ceramic industry, 3D materials sintering and so on. High grade alumina ceramic fiber materials as chamber materials with good temperature uniformity in chamber. It has vacuum port, gas inlet and outlet port and cooling water inlet and outlet for water circulation.



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|--------------------------------|----------------------------|----------------------|-------------------------------|
| 01 Ventilation Holes           | 05 MoSi2 Rod Heater        | 09 Gas Inlet         | 12 SS304 Door Sealing Screw   |
| 02 O-Shape Sealing Rubber Ring | 06 Amp&Voltmeter           | 10 Vacuum Pump Inlet | 13 Schneider Air Switch       |
| 03 Ceramic Insulation Lining   | 07 Operating Buttons       | 11 Gas Outlet        | 14 PID Temperature Controller |
| 04 Ceramic Insulation Door     | 08 Mechanical Vacuum Gauge |                      |                               |

### Technical Parameters

Model No.	Chamber size WxDxH(mm)	Capacity	Max Temp	Operate Temp	Voltage	Power	Heating Element
STQ-8-12	200x300x120	8L	1200°C	1100°C	220V	3KW	HRE
STQ-18-12	250x300x250	18L	1200°C	1100°C	220V	5KW	HRE
STQ-30-12	300x500x200	30L	1200°C	1100°C	380V	7.5KW	HRE
STQ-45-12	300x500x300	45L	1200°C	1100°C	380V	12KW	HRE
STQ-64-12	400x400x400	64L	1200°C	1100°C	380V	15KW	HRE
STQ-8-14	200x200x200	8L	1400°C	1300°C	220V	5KW	SiC rod
STQ-18-14	250x300x250	18L	1400°C	1300°C	220V	6KW	SiC rod
STQ-36-14	300x400x300	36L	1400°C	1300°C	380V	12KW	SiC rod
STQ-45-14	300x500x300	45L	1400°C	1300°C	380V	14KW	SiC rod
STQ-64-14	400x400x400	64L	1400°C	1300°C	380V	18KW	SiC rod
STQ-8-17	200x200x200	8L	1700°C	1600°C	220V	5KW	MoSi2 rod
STQ-20-17	250x320x250	20L	1700°C	1600°C	380V	7KW	MoSi2 rod
STQ-36-17	300x400x300	36L	1700°C	1600°C	380V	13KW	MoSi2 rod
STQ-64-17	400x400x400	64L	1700°C	1600°C	380V	18KW	MoSi2 rod