

## MTG-8-12S

### 1200°C Vacuum Chamber Furnace

#### Main Features

- > Integrated stand Structure with vacuum system and gas supply system
- > Chamber Materials: Vacuum forming ceramic fiber with good temperature insulating effect and energy-saving.
- > SHIMADEN (Japan) Microprocessor based self-tuning PID control provides optimum thermal.
- > Long life type N thermocouple.
- > Built-in RS485 port and USB adaptor as optional setting for computer control. it need to add extra fees.
- > Vacuum pump : Generally molecular pump, diffusion pump, roots pump, mechanical pump can be chosen to meet various vacuum degree level requirements.
- > The furnace shell equipped gas intake valve, gas exhaust valve, and a vacuum port can through argon, nitrogen and other gases.



#### Technical Parameters

Model	STZ-3-12	STZ-6-12	STZ-8-12	STZ-12-12	STZ-18-12	STZ-30-12	OEM
Inner Dimension (WxDxH)mm	150x150x150	180x230x150	200x200x200	200x300x200	250x300x250	300x500x200	Any size
Type	Stand Type						
Furnace Structure	Alumina Ceramic Chamber, Temperature control system, Heating element, Round Furnace shell ,Main Electric Parts and other relative accessories						
Max Temperature	1200°C						
Continue Temp.	1100°C						
Power Supply	220V/2.5KW	220V/3KW	220V/5KW	220V/4KW	220V/6KW	380V/7.5KW	
Heating Element	High quality alloy resistance wire (HRE)						
Vacuum Degree	as per requested						
Chamber Material	High temperature polycrystal alumina ceramic fiber plate						
Temp Precision	±1°C						
Thermocouple	N type						
Temp Controller	SHIMADEN (Japan) brand intelligent microcomputer PID controller can program 4 groups 32 segments						
Electronic Parts	SCHNEIDER (France ) electronics brand						
Heating Rate	≤ 25°C/min ( suggest 15-20°C/min for longer life using of furnace )						
Safety Protection	Overheat and Thermocouple-break Alarm						
Certification	ISO9001 /CE/ SGS						
Furnace Shell	High quality cold-rolled round steel sheets CNC processing with good sealing effect						
Insulation	High quality thermal insulation material to ensure a good uniformity						
Accessories	One pair of high temperature gloves, One pair of crucible tong, one catalog and operation manual						
Optional	Paperless recorder, Gas supply system, Vacuum system, Digital vacuum gauge						