

STM-X-17

1700°C Chamber Muffle Furnace

Main Features

- >Integrated Structure with elegant design.
- >Chamber Materials: Vacuum forming ceramic fiber with advantage of no powder drops off in high temperature and energy saving .
- >Heater: It use high grade MoSi2 (Molybdenum Disilicide Heaters) heating element.
- >YUDIAN brand Microprocessor PID controller or any other brand as option.
- >Long life type B thermocouple.
- >CE compliant.
- >Built-in RS485 port and USB adaptor as optional setting for computer control,it need to add extra fees.



MoSi2 Rod Heater



Furnace inner picture



- 01 Ventilation Holes
- 02 Dual-wall Housing
- 03 Ceramic Insulation Door
- 04 Zinc Alloy Hinges
- 05 Temperature Controller
- 06 Ceramic Fiber Lining
- 07 SS304 Safty Buckle
- 08 MoSi2 Rod Heater
- 09 Amp&Volt Meters
- 10 Schneider Air Switch
- 11 Operating Buttons

Technical Parameters

Model	STM-1-17	STM-3-17	STM-8-17	STM-12-17	STM-20-17	STM-36-17	OEM
Inner Dimension (WxDxH)mm	100x120x100	150x150x150	200x200x200	200x300x200	250x320x250	300x400x300	Any size
Outer Dimension (WxDxH)mm	383x432x660	510x560x870	600x620x920	600x693x920	610x730x970	1040x840x1250	
Type	Benchtop						
Furnace structure	Alumina Ceramic Chamber, Temperature control system, Heating element, Furnace shell ,Main Electric Parts and other relative accessories						
Max temperature	1700°C						
Continue Temp.	1600°C						
Power Supply	220V/2KW	220V/4KW	220V/5KW	220V/6KW	380V/7KW	380V/13KW	
Heating Element	High quality Molybdenum Disilicide (MoSi2) heater						
Chamber Material	High temperature 1800 Grade polycrystal alumina ceramic fiber material						
Temp Precision	±1°C						
Thermocouple	B type						
Temp controller	YUDIAN brand 518P Microprocessor PID controller as standard or any other brand as option						
Electronic Parts	SCHNEIDER (France) main electronic parts /High quality electric transformer						
Heating rate	≤ 15°C/min (suggest 10°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 steel sheets CNC processing						
Insulation	High quality thermal insulation material to ensure a good uniformity						
Accessories	One pair of high temperature gloves, One pair of crucible tongs, one catalog and operation manual						
Optional	Paperless recorder, Stainless steel exhaust chimney, Quartz /Alumina crucible						



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