

1300°C & 1600°C Muffle Furnace

Features

- Unique design of furnace door makes opening door safe and easy, ensure the heat of furnace will not leak out.
- Microcomputer PID controller, easy to operate, accurate, reliable and safe temperature control
- Corrosion-resistant light weight furnace ensure long-term life.
- The excellent door seal makes the heat loss minimum and increases the uniformity of the temperature in the furnace.
- Programmable controller with 10 groups procedures, each groups can set rising or remain temperature, and provide a program of temperature, time, heating power cycle.
- The furnace door panels are made of stainless steel, which has the characteristics of corrosion resistance and no deformation at high temperature.

Safety function

- The safety switch will automatic shutdown when door open ensures the safety of the operator.
- Over-flow, over-voltage, overheating and various safety measures to ensure safety.
- Firebrick furnace (N series) use of traditional refractory materials, wide range of applications, long life and economic.



Specifications

Model	SX2-4-13NP	SX2-8-13NP	SX2-8-16NP	SX2-12-16NP
Furnace Dimension(W×D×H) mm	150×250×100	200×500×180	150×300×120	200×400×160
Exterior Dimension (W×D×H) mm	570×670×710	940×885×850	1002×735×840	1055×840×910
Furnace Volume	4L	18L	5L	13L
Furnace Material	Firebrick furnace			
Max. Temp	1300°C		1600	1600
Operating Temp.	≤1250°C		1500	1500
Temp. Controller	PID programmable controller			
Temp. Accuracy	±1°C			
Temp. uniformity	5°C (Vertical direction)			
Temp. Increasing/ Decreasing Time	≤45 °C / min, 1000-300 °C ≥5 °C / min			
Heating Element	Silicon Carbon Rod		Silicon molybdenum rod	
Electrical Requirement	AC220V 50HZ	AC380V 50HZ	AC380V 50HZ	AC380V 50HZ
Power Rating	4KW	8KW	8KW	12KW