

Resistance Furnace (Muffle Furnace)

Scope of application:

The products are widely applied in the chemical analysis and physical determination for labs in industrial and mining enterprises, scientific research institutes, etc; sintering stoneware, porcelain and ceramics; high-temperature heat treatment for metal annealing, quenching and tempering.

Features:

1. Special door design, easy to operate to avoid the leakage of high temperature.
2. Microprocessor & PID controller, Accurate Controlled Temperature, safe and reliable
3. Anti-corrosion chamber with long life (Firebricks Chamber or Ceramic fiber Chamber)
4. Good door seal to minimum the loss of heat, increase the uniformity of temperature in chamber.
5. Programmable Controller, 30 periods, max timing setting for each period is 99 hours 59 minutes. ("P" series have it)
6. Can set several program to control the complicated test procedure, realize autorun.
7. Inner side of the door and chamber surface made of stainless-steel ("P" series have it)

Resistance of furnaces (please select is base on your requirement)

* G-series hearth: It adopts traditional refractory material and features wide application, high performance-price ratio, long service life, etc. "

* T-series hearth (ceramic fiber): It adopts high-density ceramic fiber, an emerging modern refractory material, featuring light weight, rapid temperature rise, time saving, etc, to satisfy the requirements on rapid sintering under various conditions. It is the optimal substitute for traditional hearth."

Safety:

1. Heat power will shut down when the door open.
2. Have security of over-temperature, over-current and over pressure to avoid the incident.
- 3 Use ceramic fiber as thermal Insulation Materials, the temperature on surface is low.

Use cold rolled steel plate



		Model	Chamber Size(mm)	
		Resistance Furnace (Firebrick Chamber)	1000 °C (Super quality electric furnace heating wire)	SX2-2.5-10G
SX2-4-10G	300*200*120			
SX2-8-10G	400*250*160			
SX2-10-10G	300*200*300			
SX2-12-10G	500*300*200			
SX2-18-10G	500*500*800			
1200 °C (Nichrome wire)	Sx2-2.5-12G		200*120*80	
	SX2-5-12G		300*200*120	
	SX2-10-12G		400*250*160	
1300 °C (Silicon-carbon rod)	SX2-4-13G		250*150*100	
	SX2-6-13G		400*200*160	
	SX2-8-13G		500*200*180	
1600 °C (Silicon-molybdenum rod)	Sx2-8-16G	300*150*120		
	Sx2-12-16G	400*200*160		
30-period Programmable controller For Resistance Furnace(Firebrick Chamber) is optional				
Resistance Furnace (Ceramic fiber Chamber)	1000 °C (Super quality electric furnace heating wire)	Sx2-2.5-10T	200*120*80	
		Sx2-4-10T	300*200*120	
		Sx2-8-10T	400*250*160	
		SX2-12-10T	500*300*200	
	1300 °C(Silicon-carbon rod)	SX2-4-13T	250*150*100	
		SX2-6-13T	400*200*160	
		SX2-8-13T	500*200*180	
		SX2-8-16TP	300*150*120	
	1600 °C(Silicon-molybdenum rod)	SX2-12-16TP	400*200*160	
		SX2-18-16TP	500*200*180	
		SX2-4-17TP	160*150*150	
	1700 °C(Silicon-molybdenum rod)	SX2-6-17TP	250*150*150	
		SX2-8-17TP	300*150*120	
	Optioanal: 1. Programmable controller 2. test port 3. Data Recorder			