

High-Temperature Oven (Muffle Kiln)

The new generation box resistance oven is integrated with the Company's years of experiences in design and manufacturing as well as foreign technologies. It is of various design patents and is especially supplied to the laboratories of factories, mines, universities and scientific research institutions for chemical element analysis and such high-temperature treatment as quenching, annealing and tempering of small castings. It can also be used for such high-temperature heating as baking, dissolving and analyzing of metals, graphite and ceramic.

Features of Product

- ◆ Unique design of oven door for safe and easy operation to ensure that the high-temperature hot gas will not escape for inside the oven.
- ◆ Inert gas inlet and outlet reserved in the chamber.
- ◆ Micro-computer PID Controller: easy operation, accurate, reliable and safe control.
- ◆ Inside lining of fire-door and box panel are both made of stainless steel materials and are featured for corrosion-resistance and free deformation under high temperature.
- ◆ Light chamber for durable service (refractory-brick chamber and ceramic-fiber chamber are optional)
- ◆ With excellent door seal, thermal loss is minimized and temperature evenness is increased in the chamber.



Optional: 30-segment programmable controller

(each segment can setup "heating" or "stop" and the circulation of programmed temperature, time heating power is provided.)

Technical Item → Ordering Information ↓	Max Temp(°C)	Working-room Size W×D×H(mm)	Capacity	Power	Input Power	Heating Element
SX2-2.5-10	1,000	200 × 120 × 80	2L	220V/50Hz	2.5 kW	Heating cord
SX2-4-10	1,000	300 × 200 × 120	7L	220V/50Hz	4 kW	Heating cord
SX2-8-10	1,000	400 × 250 × 160	16L	380V/50Hz	8 kW	Heating cord
SX2-12-10	1,000	500 × 300 × 200	30L	380V/50Hz	12 kW	Heating cord
SX2-2.5-12	1,200	200 × 120 × 80	2L	220V/50Hz	2.5 kW	Heating cord
SX2-5-12	1,200	300 × 200 × 120	7L	380V/50Hz	5 kW	Heating cord
SX2-10-12	1,200	400 × 250 × 160	16L	380V/50Hz	10 kW	Heating cord
SX2-4-13	1,300	250 × 150 × 100	4L	220V/50Hz	4 kW	Heating cord
SX2-8-13	1,300	500 × 200 × 180	18L	380V/50Hz	8 kW	Heating cord
SX2-8-16	1,600	300 × 150 × 120	5.4 L	380V/50Hz	8 kW	Globar
SX2-12-16	1,600	400 × 200 × 160	13 L	380V/50Hz	12 kW	Globar
Remarks	① For every chamber, we offer two types inner material, one is "refractory-brick" marked with "N", the other is "ceramic-fiber" marked with "T", please mark it when you place order. ② Optional accessory: Programmable controller with 30-segments or 60-segments					