

SX2 Series

Muffle Furnace

Product Overview

The LC-SX2 Series Muffle Furnaces combine a robust steel shell and energy-efficient refractory insulation with precise temperature control. Their side-hinged door facilitates easy operation, making them ideal for element analysis, heat treatment, and various high-temperature applications in labs and industry.

Product Features

- > PID temperature control system with LED digital display enabling real-time and target-temperature monitoring.
- > Furnace chamber: Sintered refractory material (low thermal conductivity, good insulation).
- > Hinged door mechanism enabling smooth and effortless operation and detachable remote controller for flexible installation.
- > Facilitates adaptable positioning of both the controller and the furnace within the workspace.
- > Cold-rolled steel shell with electrostatic powder coating and fine matte finish for corrosion resistance.
- > Angular design with classic gray-white color scheme and clean lines.



Technical Parameters

Model	Power Supply (V/Hz)	Power (KW)	Effective Volume (L)	Display Mode	Rated Temp. (°C)	Temp. Accuracy (°C)	Heating Element	Chamber Dimensions (MM)	Controller	Product Dimensions (MM)	Net Weight (Kg)
SX2-2.5-10	AC220/50	2.5	1.9	LED display	1000	±1	Resistance Wire	200×120×80	KSW-6-12	535×410×455	65
SX2-4-10	AC220/50	4	7.2	LED display	1000	±1	Resistance Wire	300×200×120	KSW-6-12	635×495×510	110
SX2-8-10	AC380/50	8	16	LED display	1000	±1	Resistance Wire	400×250×160	KSW-12-12	780×560×600	170
SX2-12-10	AC380/50	12	30	LED display	1000	±1	Resistance Wire	500×300×200	KSW-12-12	940×620×655	210
SX2-2.5-12	AC220/50	2.5	1.9	LED display	1200	±1	High-Temperature Resistance Wire	200×120×80	KSW-6-12	535×410×455	65
SX2-5-12	AC220/50	5	7.2	LED display	1200	±1	High-Temperature Resistance Wire	300×200×120	KSW-6-12	635×495×510	110
SX2-10-12	AC380/50	10	16	LED display	1200	±1	High-Temperature Resistance Wire	400×250×160	KSW-12-12	780×560×600	170
SRJX-4-13	AC220/50	4	3.7	LED display	1300	±1	Silicon Carbon Rod	250×150×100	KSY-6D-16	620×495×445	104
SX2-6-13	AC380/50	6	3.7	LED display	1300	±1	Silicon Carbon Rod	250×150×100	KSY-12D-16	595×540×470	130
SRJX-8-13	AC380/50	8	18	LED display	1300	±1	Silicon Carbon Rod	500×200×180	KSY-12D-16	700×567×470	210
SX2-10-13	AC380/50	10	12.8	LED display	1300	±1	Silicon Carbon Rod	400×200×160	KSY-12D-16	755×650×650	210
SX2-8-16	AC380/50	8	5.4	LED display	1600	±1	Molybdenum Disilicide Rod (MoSi ₂)	300×150×120	KSY-12D-18	800×610×880	390
SX2-12-16	AC380/50	12	12.8	LED display	1600	±1	Molybdenum Disilicide Rod (MoSi ₂)	400×200×160	KSY-12D-18	940×680×930	520