

SX2-LT/LTP Series

Ceramic Fiber Muffle Furnace

Product Overview

The SX2-LT/LTP Series Ceramic Fiber Muffle Furnace features a cold-rolled steel casing and side opening door. Aluminum silicate fiber insulation ensures low heat loss, fast heating, and reduced power consumption. Ideal for elemental analysis and metal heat treatment in labs and industrial settings.



Product Features

- > PID temperature control technology-LCD screen displays set temperature and current temperature, clear and intuitive.
- > Ceramic fiber chamber-good thermal insulation, lightweight; integrated furnace and controller for easy operation.
- > Heating wire embedded in the chamber wall- uniform temperature, fast heating, time saving; good door sealing reduces heat loss, energy saving.
- > Stainless steel furnace door-corrosion resistant, aging resistant; door automatically cuts off heating power when opened, ensuring operator safety.
- > Cold rolled steel casing- electrostatic spray coating with fine matte finish for better corrosion resistance and aging resistance.
- > Standard features-over temperature self limiting, auto tuning, door open heating cut off; SX2 LTP models additionally feature 30 segment programmable temperature control.

Technical Parameters						
Model	SX2-2.5-10LT SX2-2.5-10LTP	SX2-2.5-12LT SX2-2.5-12LTP	SX2-4-10LT SX2-4-10LTP	SX2-5-12LT SX2-5-12LTP	SX2-8-10LT SX2-8-10LTP	SX2-10-12LT SX2-10-12LTP
Power Supply	220V	220V	220V	220V	380V	220V
Total Power	1.5kW	1.5kW	1.5kW	1.5kW	6kW	1.5kW
Display Type	LCD screen	LCD screen	LCD screen	LCD screen	LCD screen	LCD screen
Rated Temperature	1000°C	1200°C	1200°C	1200°C	1000°C	1200°C
Rec. Operating Temperature	500~ 950°C	500~ 1150°C	500~ 1150°C	500~ 1150°C	500~ 950°C	500~ 1150°C
Temp. Control Accuracy	±1°C	±1°C	±1°C	±1°C	±1°C	±1°C
Heating Method	Resistance wire			High-temp resistance wire		Resistance wire
Chamber Dimensions	200×120×80mm	200×120×80mm	200×120×80mm	200×120×80mm	400×250×160	200×120×80mm
Heating Time	≤ 30min	≤ 30min	≤ 30min	≤ 30min	≤ 30min	≤ 30min
Controller	Integrated furnace-controller					
Product Dimensions	600×405×560mm	600×405×560mm	600×405×560mm	600×405×560mm	800×580×680mm	600×405×560mm
Net Weight	42Kg	42Kg	42Kg	42Kg	85Kg	42Kg
Note	The SX2-2LTP model is standard with 30-segment programmable temperature control.					