

Muffle Furnace



Descriptions:

This kind of periodical furnace is used by labs, industry, and scientific for research element analysis, as well as for heating of small size iron works quenching, annealing and tempering; other applications include iron heating and ceramic sintering, dissolving, and analyzing.

Features:

- Cold rolling steel spraying exterior; open-side door enables easy on/off.
- Medium-temperature furnace adopts enclosed fire pot; uniform heating and long service life are provided by spiral electrothermal alloy wire elements that embedded in all four inwall of chamber.
- High-temperature tubular resistance furnace adopts heat resistant combustion tube and takes elema as heating component to fix on outer sleeve of fire pot.
- High-temperature box resistance furnace takes elema as heating component fixing in the fire pot to ensure high heat use ratio.
- Light-weight spumy insulating brick of 0.4~0.6 & aluminosilicate fiber cotton are used as thermal insulation material to ensure good heat insulation, to promote heat storage capacity, to shorten heating up time, and to reduce power loss and power consumption.

Specifications:

Models	SX-2.5-10	SX-4-10	SX-8-10	SX-12-10
Rated power (Kw)	2.5	4	8	12
Rated temp (°C)	1000	1000	1000	1000
Rated voltage (V)	220	220	380	380
Working voltage (V)	220	220	380	380
Temp rising time of empty furnace	≤60	≤80	≤90	≤100
Chamber dimension	200×120×80	300×200×120	400×250×160	500×300×200
Overall dimension	595×410×467	790×500×527	880×600×635	1100×720×675
Packing dimension	770×520×570	960×610×660	1020×700×735	1185×800×760
N.W (Kg)	67	134	203	271
G.W (Kg)	80	150	230	305

Models	SX-2.5-12	SX-5-12	SX-10-12
Rated power (Kw)	2.5	5	10
Rated temp (°C)	1200	1200	1200
Rated voltage (V)	220	220	380
Working voltage (V)	220	220	380
Temp rising time of empty furnace	≤100	≤120	≤120
Chamber dimension	200×120×80	300×200×120	400×250×160
Overall dimension	595×410×464	790×500×527	880×600×635
Packing dimension	770×520×570	960×610×660	1020×700×735
N.W (Kg)	67	135	203
G.W (Kg)	80	150	230

Models	SRJX-4-13	SRJX-5-13	SRJX-8-13	SRJX-2-13
Rated power (Kw)	4	5	8	2
Rated temp (°C)	1300	1300	1300	1300
Rated voltage (V)	220	220	380	220
Working voltage (V)	0~210	0~210	0~350	0~210
Temp rising time of empty furnace	≤240	≤240	≤350	≤45
Chamber dimension	250×250×100	250×250×100	500×200×180	φ30×180
Overall dimension	850×550×625	850×550×625	810×580×610	370×270×365
Packing dimension	880×650×710	880×650×710	950×650×650	680×460×510
N.W (Kg)	185	185	190	20
G.W (Kg)	206	206	210	25