

Box Type Muffle Furnace

It is the periodical heating treatment. It used in element determination and heating in heat treatment of small steel, such as hardening, annealing and tempering of laboratories, industrial mining enterprise, scientific research unit and colleges. The high temperature furnace could be used in high temperature heating of metal, sintering, dissolution and analysis of ceramic.

Features:

- ◆ The case adopts high quality cold-rolled steel plate with the plastic spraying on the surface. The door adopts side door structure, which easy to open and shut.
- ◆ The medium-temperature box furnace adopts closed hearth, the spiral electric heating alloy wire as the heating component coiled in hearth, the temperature of furnace is uniform when it radiating. The use life is prolonged.
- ◆ High temperature tube resistance furnace adopts high temperature combustion and takes silicon carbide rod as heating component to set up in outer sheath of hearth.
- ◆ High temperature box resistance furnace takes silicon carbide rod as heating component and set up in hearth directly. It has high use rate.
- ◆ The thermal insulation material of this kind of furnace adopts light foam insulating brick and alumina silica cellucotton. The accumulation of heat and heat conductivity factor are decreased so heat accumulation of hearth will be more. The temperature rising time is shorten. The temperature of surface is rising very slowly. Wastage rate of empty furnace is small and power consumption is lowest.
- ◆ The controller is divided into: a pointer type, intelligent, microcomputer-based multi-band temperature control.



Technical Specifications:

| Model | Rated power (KW) | Rated temperature (°C) | Rated voltage (V) | Number of phases | Temperature rising time of empty furnace(min) | Cubage (L) | Size of Working Room (mm) (D xWxH) | Overall dimension (LxWxH) (mm) | Model of equipped controller | NG/WG(kg) |
|--------------|------------------|------------------------|-------------------|------------------|---|------------|------------------------------------|--------------------------------|------------------------------|-----------|
| AE-SX-2.5-10 | 2.5 | 1000 | AC220V 50Hz | Single | | 2 | 200x120 x 80 | 455 x 600 x 440 | KSW-6-12 | 49/52 |
| AE-SX-4-10 | 4 | 1000 | AC220V50HZ | Single | | 7 | 300 x 200x120 | 530 x 700 x 500 | KSW-6-12 | 91 /94 |
| AE-SX-8-10 | 8 | 1000 | AC380V 50Hz | Three | <90 | 16 | 400 x 250x160 | 600x900x580 | KSW-12-12 | 147/153 |
| AE-SX-12-10 | 12 | 1000 | AC380V 50Hz | Three | W100 | 30 | 500 x 300 x 200 | 670 x 930 x 630 | KSW-12-12 | 197/202 |
| AE-SX-2.5-12 | 2.5 | 1200 | AC220V 50Hz | Single | W120 | 2 | 200x120x80 | 455 x 600 x 440 | KSW-6-16 | 50/53 |
| AE-SX-5-12 | 5 | 1200 | AC220V50HZ | Single | W135 | 7 | 300x200x120 | 530 x 700 x 500 | KSW-6-16 | 91/93.8 |
| AE-SX-10-12 | 10 | 1200 | AC380V50Hz | Three | W150 | 16 | 400 x 250x160 | 600x900x580 | KSW-12-16 | 198/201 |
| AE-SRJX-4-13 | 4 | 1300 | AC220V 50Hz | Single | W250 | 4 | 250x150x100 | 520 x 680 x 495 | KSY-6-16 | 92/96 |
| AE-SRJX-8-13 | 8 | 1300 | AC380V 50Hz | Three | | 18 | 500 x 200x180 | 600 x 850 x 600 | KSY-12-16 | 68/75 |
| AE-SK-2.5-13 | 2.5 | 1300 | AC220V50HZ | Single | <60 | | 4)22 x 2 | 600 x 385 x 430 | KSY-3-16 | 20/26.4 |
| AE-SK-2-13 | 2 | 1300 | AC220V 50Hz | Single | W60 | | 622x1 | 600 x 385 x 430 | KSY-3-16 | 21 / 27 |
| AE-XL-1 | 4 | 1000 | AC220V 50Hz | Single | =£80 | 8 | 325 x 200X125 | 590 x 540 x 520 | KSW-6-12 | 68/75 |
| AE-SX2-8-16 | 8 | 1600 | AC380V 50Hz | Single | W360 | 5.5 | 300x150x120 | 880 x 560 x 880 | | 240/300 |
| AE-SX2-12-16 | 12 | 1600 | AC380V 50Hz | Single | W360 | 13 | 400x200x160 | 1000 x 770 x 960 | | 335/400 |