

Muffle Furnace



Features

Maximum Operating Temperature: 1200°C.

Insulation: High-purity fibrous alumina for maximum energy saving.

Temperature Controller: Equipped with a domestic Xiamen Yudian single-stage temperature controller.

Safety

Double-Layer Steel Structure: Includes an air cooling fan to keep the furnace exterior safe to touch.

Safety Interlock System: Automatically powers off the furnace when the door is opened.

Optional

Chamber Sizes: Various sizes available.

LCD Touchscreen Control: Available as an option.

Program Software: Optional software for computer connectivity

Specification

- **Model:** MSFN CBX12005ESWISS
- **Heating Mode:** Alloy wire heating in three sides (left, right, top side).

Function

- **Temperature Range:** 100-1200?
- **Temperature Resolution Ratio:** 1?
- **Temperature Motion:** ± 1 ?
- **Temperature Rising Time to Max Temp:** ?30 min

Structure

- **Chamber Material:** Ceramic fiber
- **Outer Shell:** Cold rolling steel electrostatic spraying exterior
- **Insulation Layer:** Ceramic fiber
- **Heater:** Alloy heating wire
- **Power Rating:** 3.0 kW
- **Exhaust Hole:** ?30mm (chimney size 80*60mm)

Controller

- **Temperature Control Mode:** Domestic single-stage temperature controller
- **Temperature Setting Mode:** Touch button setting
- **Temperature Display Mode:** LED upper row (measuring temperature), lower row (setting temperature)

- **Timer:** Timing Function
- **Operation Function:** Fixed temperature operation, auto stop.
- **Additional Function:** Sensor deviation correction, Temperature overshoot self-tuning, Internal parameter locked, Power-off parameter memory
- **Sensor:** Platinum-rhodium sensor

Safety Device

- Manual door security lock
- Over temperature sound-light alarm
- Door opening electrical outage
- Over-temperature protection thermo couple failure

Chamber Specification

- **Inner Chamber Size (WDH):** 200300120 mm
- **Exterior Size (WDH):** 530785640 mm
- **Packing Size (WLH):** 660875770 mm
- **Volume:** 7L
- **Current Rating (50/60HZ):** AC220V/13.6A