



M1200 muffle furnace

It consists of high quality alumina fiber brick and heating elements with special design, and can be used up to 1200 C. It is an ideal tool for materials annealing and sintering in your research laboratory.

Features

1. Operation Temperature: 1100°C (1200°C for short time).
2. Design of drop down door is for loading sample at easy.
3. Maximum energy efficiency is achieved by surrounding the chamber with thermal-efficient alumina fiber ceramic insulation.
4. Heavy duty double layer structure with cooling fan. Lower temperature in outside case.
5. PID automatic control via current limiting phase angle fired the resistor, e.g. SCR(Silicon Controlled Rectifier).
6. Power control with 30 segments programmable.

Descriptions

Model	M1200-8L
Structure	Carbon steel outside shell Alumina fiber lining Cooling fans
Chamber Size	200x200x300mm (12L)
Working Temperature	1100°C(continuous)
Maximum Temperature	1200°C(for short time)
Thermocouple	K type
Temperature Control	30 steps programmable PID automatic control
Heating Rate	0~15°C/min (suggestion: ≤10°C)
Temperature Accuracy	+1°C
Heating Element	Resistance wire
Heating Element Layout	Three sides
Working Voltage	AC 180-240V, Single Phase, 60/50 Hz
Max. Power	4.5 kW
Warranty Period	1 year
Gross Weight	125 Kg (With package)

