

Muffle Furnace

Standard version RT+15°C ~1100°C

Hight temperature version RT+15°C ~1600°C



Operation and Display

- > Intelligent navigation operation, can be directly access into the settings
- > The main interface shows setting temperature, actual temperature, output power, historical data, alarm records and other information, convenient to enter the destination menu directly.

Program

- > Integrated temperature program, 10×30 steps
- > Display the temperature curve in real-time

Data storage and connection

- > Data storage, transfer, and invocation
- > Experiment data and alarm information can be transfer by USB stick
- > Communication interface included RS232, RS485, RJ45, can be remote controlled by PC and SCADA

Safety

- > Overheat protection (Electronic and mechanical protection), Overload and leakage protection, Self-diagnosis
- > With password protection to prevent the process of setting parameters are changed
- > Standard with passive exhaust port, ensure gas pressure safety
- > With high quality thermocouple, ensure accurate temperature control and long service time



Specification

Model	WMF-02	WMF-05	WMF-12	WMF-02H	WMF-05H	WMF-12H
Chamber volume (L)	2	4.5	12	3	4.5	12
Temperature range (°C)	RT+15~1100	RT+15~1100	RT+15~1100	RT+15~1600	RT+15~1600	RT+15~1600
Temperature stability (°C)	±1	±1	±1	±1.5	±1.5	±1.5
Heating	Heat on three sides					
Temperature control	PID					
Heating capacity (KW)	1.5	2.5	4	3	4.5	7
Program	Integrated temperature program, 10×30 steps					
Safety device	Overheat, Overload and leakage protection, Self-diagnosis, with password protection					
Temperature curve	Display the temperature curve in real-time					
Communication interface	RS232, RS485, RJ45, USB-A for data export					
Power supply	Aviation connector of the power supply, AC220, 50/60Hz					
IP code	IP20					
Dimensions(W×D×H mm)	445×460×570	475×460×640	525×560×690	640×530×980	650×580×990	700×680×1040
Chamber dimensions(W×D×H mm)	120×200×80	150×200×150	200×300×200	140×150×140	150×200×150	200×300×200
Weight (KG)	62	74	102	62	74	102
Order No.	W6121002	W6121005	W6121012	W6122002	W6122005	W6122012

*Recommended material tray for high-temperature heating

Accessories

Order No.	Name	Description	
W6121P0030	Tray	Used to place materials	Suitable for WMF-02
W6121P0031	Tray	Used to place materials	Suitable for WMF-02H
W6121P0032	Tray	Used to place materials	Suitable for WMF-05/05H
W6121P0033	Tray	Used to place materials	Suitable for WMF-12/12H

