

Muffle Furnaces with Fiber-Insulated Chamber

High accuracy laboratory electric furnaces with fiber-insulated chambers, that are designed for hardening, loosening, normalising and other thermal processing up to a temperature of 1100°C or 1300°C. The furnaces include ceramic hearth plates. To eliminate gases or smoke that are an excellent fit for scientific laboratories, educational institutions, medicine and industry.



8,2/1100LZM01



8,2/1100LHM01



6,7/1300LSM01

Basic Model

- One piece chamber made of fiber
- Heating elements are embedded in vacuum formed fiber (on models up to 1100°C)
- Heating elements exposed on ceramic tubes (on models up to 1300°C)
- Microprocessor-controlled thermoregulator
- Ceramic hearth plates
- High-quality, ecological thermal insulation material
- Low electric power consumption
- Short heating up/cooling down period
- High degree of accuracy
- Exterior painted with powder coating (RAL 7035)

Options

- Process observation window (Ø 35mm) up to 1100°C
- Fan-assisted chimney for air extraction
- Additional ceramic hearth plates
- Digital timer
- Buzzer
- Protection against overheating
- Data recorder
- Calibration of temperature measurement system
- RS232/RS-485/USB interface
- Table for supporting the furnace
- Protective gas atmosphere
- Gas box up to 1100°C
- Metal tray

Model	Vol.	°C	Chamber dimensions, mm			Total dimensions			Power KW	Voltage V	Door opening		
			Width	Length	Height	Width	Length	Height			upwards	sideways	downwards
Up to 1100°C													
3/1100LHM01	3	1100	120	200	105	345	470	430	1,7	230	*		
8,2/1100 LHM01	8,2	1100	195	310	135	440	660	495	1,8	230	*		
8,2/1100 LSM01	8,2	1100	195	310	135	440	530	495	1,8	230		*	
8,2/1100 LZM01	8,2	1100	195	310	135	440	530	495	1,8	230			*
13/1100LHM01	13	1100	220	335	170	505	685	555	1,8	230	*		
22/1100LHM01	22	1100	280	500	160	605	855	620	3	230	*		
39/1100LHM01	39	1100	320	495	230	655	890	740	6	300	*		
Up to 1300°C													
6,7/1300 LSM01	6,7	1300	145	310	135	445	575	525	2,4	230		*	
10/1300 LHM01	10	1300	190	335	170	500	710	550	2,4	230	*		

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