EZILAB

1200°C MUFFLE FURNACE
EZL-MF101

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Muffle Furnace EZL-MF101 is a high accuracy furnace with solid ceramic chamber intended for hardening, loosening, normalizing and other thermal processing up to 1200°C. It incorporates a graded insulation using high purity ceramic fiber. With the distinguished digital PID controller, it provides you with precise control of temperature and easiness to operate this equipment. It directly heats materials handled by the extremely efficient heater located on all four sides of the chamber. This excellent function significantly lowers the time it takes for the temperature to rise. The unique safety device is placed to prevent it from overheating and shorting out.

Features

- Ceramic fiber furnace chamber to ensure fast heating rate and save power
- Double layer steel casing with fan cooling assistance to ensure the surface temperature is below 50C
- Intelligent sensor alarm function
- Digital PID controller
- Intuitive and easy to use operating menu
- Easy to open door handles
- Current temperature and setting temperature are displayed separately on control panel
- Highly efficient fan motor ensures uniform air circulation
- Excellent temperature accuracy
- Simple to use and maintain
- Over-temperature limit function
- Less and low noise operation with gentle air currents
- Vent hole on top is a perfect solution for waste gas during material sintering

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Technical Specifications

Model	EZL-MF101
Capacity	1 L
Maximum Working Temperature	1200°C
Continuous Working Temperature	RT to 1100°C
Heating Rate	0 to 20°C Maximum Heating Rate: 30°C/min
Temperature Accuracy	±1°C
Thermocouple	K type
Heating Element	Resistance Wire
Temperature Control	PID automatic control
Furnace Material	Double layer steel casing
Rated Power	1 Kw
Working Voltage	AC 110/208V-240V, 50/60Hz
Chamber Dimension (W×D×H)	100×100×100 mm
Overall Dimension (W×D×H)	260×400×280 mm
Net Weight	12 Kg

Application

It is an ideal device for research labs and dental labs to prepare small size samples with maximum energy saving.