

CMF-1100 Compact Muffle Furnace



Introduction

CMF1100 is compact muffle furnace with 4"x4"x4" high purity fibrous alumina chamber, gas inlet and outlet ports and 30 segments programmable temperature control. It is an ideal muffle furnace for material research lab and dental lab to prepare small size sample upto 1200 °C with maximum energy saving.



To save energy, please do not use big furnace for a small sample.

Technical Specifications

Item	Parameter
Power	700W at Max.
Voltage	AC 110V Single Phase, 50/60 Hz (AC220 for optional)
Max. Temperature	1200 °C (< 1 hour)
Continuous Temperature	1100 °C
Heating Rate	Max. 30 °C /min
Temperature Controllers	PID automatic control via SCR (Silicon Controlled Rectifier) power control, 30 steps programmable
Heating Element	Fe-Cr-Al Alloy doped by Mo
Thermal Couple	K type
Temperature Accuracy	+/- 1 °C
Chamber Dimension (L x W x H)	4"x4"x4"
Chamber Cubic Capacity	1 Liter
Overall Dimension (L x H x W)	200 x 30 x 60 mm
Warranty	One year limited on all electronic parts
Net Weight	30 lbs

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