

Small Capacity Furnace (+1700°C)

LABEC Small Capacity Muffle Furnace

is the ideal muffle furnace for material research labs and dental labs to prepare small size samples with maximum energy saving and where bench space is restricted.

Construction

Manufactured to the highest quality standards and features double skinned construction with fan cooling exterior which keeps the exterior body cool at high temperatures. The furnace features light weight ceramic fibre insulation for rapid thermal cycling and heating by Molybdenum disilicide elements which allow for rapid heating and cooling and provide a superior element life.

Fan cooler
double cased



SPECIFICATIONS

Model	SCF1700
Working Voltage	AC240V 50/60HZ
Chamber Size (W x D x H)	100 x 100 x 100mm
Power	15 Amp
External Dimensions (W x D x H)	538 x 543 x 792 mm
Weight	120kg
Heating Rate	10°C/min
Product Features	MoSi2 Heating Elements heating furnace temperature field, balanced, low energy consumption
Heating Element	MoSi2 Heating Elements
Maximum Working Temperature	≤1700°C (< 3 hrs)
Working Temperature	1650°C (continuous)
Temperature Control	30 steps programmable and PID automatic control
Temperature Accuracy	+/- 1°C
Thermocouple	B thermocouple
Door structure	side opening hinged

Controller

The temperature Control is a Digital Controller with 30 steps programmable and PID automatic control and has a heating rate of 10°C per minute.