

Muffle Furnace

ZI 11017

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Light Weight with ceramic fibre wool insulation (instead of brick insulation). The outer casing is made of double walled thick P.C.R.C. Sheet, reattached with thick perforated sheet on the bottom portion, Painted with attractive stove enamel/powder coated. Heating elements are made of KANTHAL "A-1" wire and backed by high temperature ceramic wool insulation, which avoid loss of energy, Temperature control unit consist of Energy Regulator, fitted in front of furnace with two pilot lamps. The apparatus is complete with One Pyrometer, Thermocouples, Lever, Thermal Fuse, Main Lead With Power Plug. To work on 230 V A.C., the energy regulator dial is arbitrarily marked 0-100 position. This marking does not indicate temperature. It indicates control level i.e. at position '100' maximum electricity is allowed to flow to furnace. At position '0' minimum electricity is flow to furnace. Maximum Temp, is 950° C and working temp, 900° C. Rectangular shape wounded muffle baked at high temperature is fitted inside the chamber.

OPTIONAL:

1. Digital Temp. Controller instead of Energy Regulator & Pyrometer.
2. PID Temp. Controller at an extra cost.

MUFFLE SIZE (W x H x D)	RATING WORKING 900° C
100 x 100 x 225 mm	1.5kW
125 x 125 x 250 mm	2.0kW
150 x 150 x 300 mm	3.5kW
175 x 175 x 475 mm	3.5kW
200 x 200 x 300 mm	1.5kW

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