

DIGITAL MUFFLE FURNACE

BE 143

Muffle furnaces are used in the lab for high-temperature applications involving testing of various materials. The ability of these furnaces to achieve extremely high temperatures is integral for many critical industrial applications. By definition, a muffle furnace (also sometimes referred to as a retort furnace) isolates the subject material from the fuel and all of the products of combustion, including gases and flying ash. The units are usually front-loading, box-type construction that are placed or mounted on a bench top in a testing laboratory.

FOLLOWING STANDARD

ASTM C186, ASTM D4

TYPICAL SPECIFICATIONS

MODELS	SIZE	TEMP.	LOAD KW
BE 143-01	100 x 100 x 225mm	Rating working 900°C	2.5 kW
BE 143-02	125 x 125 x 250mm	Rating working 900°C	3.0 kW
BE 143-03	200 x 200 x 300mm	Rating working 900°C	4.5 kW
BE 143-04	175 x 175 x 475mm	Rating working 900°C	4.5 kW
BE 143-05	100 x 100 x 225 mm	Rating working 1350°C	3.0 kW
BE 143-06	125 x 125 x 250 mm	Rating working 1350°C	3.5 kW
BE 143-07	150 x 150 x 300 mm	Rating working 1350°C	4.5 kW

BALA

