

MUFFLE FURNACE

The CLMF range of general purpose laboratory chamber furnaces is bench mounted. Models are available in five sizes with a maximum operating temperature up to 1.400 °C. Ideal for experiments and process needs high temperature up to 1.400°C such as chemical analysis, annealing loss determination, materials testing and ashing processes.



**BIG VOLUME FOR MORE DRYING**

5-10-15 Lt. Option

**LARGE LCD DISPLAY**

Sophisticated digital controllers, multi-segment programmers.

**VERTICAL LIFT DOOR**

Vertical lift door keeps heated surface away from the user

**PROGRAMMABLE CONTROLLER**

10 program, 10 step

**EFFICIENT**

Energy efficient low thermal mass insulation

**SECURITY**

With the original leakage current relay, door switch

GENERAL DATA

Device	Laboratory device
Device type	Muffle Furnace
Standards	
Identification	CE
Quality management	DIN EN ISO 9001:2008

GENERAL TECHNICAL DATA

Capacity	5 - 10 - 15 Lt.
Temperature	1.100 - 1.200 - 1.400
Thermocouple	K type
Display	128x64 Graphic LCD
Controller	Full automatic temp. programmer

HEAT-UP TIME	5 LT.	10 LT.	15 LT.
1.100	47 min	75 min	90 min
1.200	52 min	80 min	95 min
1.400	62 min	90 min	105 min

OPTIONALS DATA

Over-temperature protection

MATERIAL-SPECIFIC DATA

Material of work area	Low thermal mass insulation and free radiating wire elements
Housing material	Powder-coated 1.2 mm thick Zincor steel plate, material no.: 1.0330

ELECTRICAL DATA	5 LT.	10 LT.	15 LT.
Nominal voltage/ nominal frequency	220 V AC / 50 Hz	220 V AC / 50 Hz	220 V AC / 50 Hz
Power consumption	2.000 W	3.500 W	4.750W

MECHANICAL DATA	5 LT.	10 LT.	15 LT.
Interior (mm)	152 x 152 x 220	186 x 346 x 157	220 x 380 x 185
Exterior (mm)	370 x 520 x 550	410 x 660 x 550	530 x 700 x 470



Discover the potential