

MUFFLE FURNACE

CLMF SERIES

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

**MECHANI-
CAL 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