

Electrical MUFFLE FURNACES “LE” series

Muffle furnaces for various uses in the laboratory, incineration, thermal treatment ...



Mini LE1/11 model

- Temp. max. +1100 °C
- Volume 1 liter
- Double-walled housing
- Stainles Steel



LE-6/11 Model

With their unbeatable price/performance ratio, these compact muffle furnaces are perfect for many applications in the laboratory. Quality features like the double-walled furnace housing of rust-free stainless steel, their compact, lightweight constructions, or the heating elements encased in quartz glass tubes make these models reliable partners for your application.

- Temp. max +1100 °C, working temperature +1050 °C
- Heating from two sides from heating elements in quartz glass tubes
- Maintenance-friendly replacement of heating elements and insulation
- Multilayered insulation with fibre plates in the furnace chamber
- Housing made of sheets of textured stainless steel
- Double-walled housing for low external temperatures and high stability
- Flap door which can also be used as a work platform
- Exhaust air outlet in rear wall
- Solid state relays provide for low-noise operation
- Compact dimensions and light weight

Features basic controller R6 (for LE 1/11 LE 2/11 and LE 4/11):

- 1 single program control
- 1 segment
- Introduction of programs in steps of 1 °C or 1 minute



CONTROLLER FUNCTIONS	B410	C450
➤ Storable programs	5	10
➤ Segments	4	20
➤ Additional functions (eg ventilation or automatic flap)	2	2
➤ Maximum number of control zones	1	1

FUNCTIONS COMMON TO BOTH CONTROLLERS:

- Manual Control Regulation of Zones
- Auto-optimization
- Real time clock
- Simple LC display in blue-white
- Concise and simple status reports
- Numeric keypad input
- Data entry by Jog Dial and keys
- Entering program name eg. "Sintered")
- Key lock
- User management
- End function to change segment
- Entering programs in steps of 1 ° C or 1 min.
- Adjustable start time (eg for night-time use)
- Switching °C / °F
- Counter KWh
- Hour meter
- NTLog Comfort for HiProSystems: Logging process data into storage memory
- Error memory

Additional equipment :

- Over-temperature limit controller
- Chimney of exit
- Chimney of exit with ventilator
- Gloves Tmáx 650 °C
- Gloves Tmáx 900 °C
- Pliers 300 mm
- Pliers 500 mm

IMPORTANT NOTE: The tray has a maximum temperature of work of 1100 °C



Gloves until + 650 °C



Gloves until + 900 °C



Chimney with ventilator



Over-temperature limit



Sheet fluted ceramic



Tray ceramic collector

Model	Tmax °C	Inner dimensions in mm			Volume in l.	Outer dimensions in mm			Power in kW	Electrical
		w	d	h		W	D	H		
LE 1/11/R7	1100	90	115	110	1	250	265	340	1,5	Single-phase
LE 2/11/R7	1100	110	180	110	2	275	380	350	1,8	Single-phase
LE 6/11/R7	1100	170	200	170	6	510	400	320	1,8	Single-phase
L 9/11/B410	1100	230	240	170	9	480	550	570	3	Single-phase
L 9/11/C450	1100	230	240	170	9	480	550	570	3	Single-phase
LE14/11/R7	1100	220	300	220	14	555	500	370	2,9	Single-phase