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
- Stainless 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
Electrical MUFFLE FURNACES LE series

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**

<table>
<thead>
<tr>
<th></th>
<th>B410</th>
<th>C450</th>
</tr>
</thead>
<tbody>
<tr>
<td>Storable programs</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>Segments</td>
<td>4</td>
<td>20</td>
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<tr>
<td>Additional functions</td>
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<tr>
<td>Maximum number</td>
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</tbody>
</table>

**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 Tmax 650 ºC
- Gloves Tmax 900 ºC
- Pliers 300 mm
- Pliers 500 mm

### IMPORTANT NOTE: The tray has a maximum temperature of work of 1100 ºC

<table>
<thead>
<tr>
<th>Model</th>
<th>Tmax ºC</th>
<th>Inner dimensions in mm</th>
<th>Volum e in l.</th>
<th>Outer dimensions in mm</th>
<th>Power in kW</th>
<th>Electrical</th>
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</thead>
<tbody>
<tr>
<td>LE 1/11/R7</td>
<td>1100</td>
<td>90 115 110</td>
<td>1</td>
<td>250 265 340</td>
<td>1.5</td>
<td>Single-phase</td>
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<td>LE 2/11/R7</td>
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<td>275 380 350</td>
<td>1.8</td>
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<td>LE 6/11/R7</td>
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<td>230 240 170</td>
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<td>480 550 570</td>
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