

**Muffle furnaces series L 3/11 - L 40/11 series, max. 1100 °C, with flap door****Muffle furnaces series L 3/11 - L 40/11 series, max. 1100 °C, with flap door**

For daily laboratory use. Models with flap door or lift door available, for temperatures from 1100 °C to 1400 °C.

- Dual shell housing made of textured stainless steel sheets for low external temperatures and high stability
- Adjustable air inlet integrated in door
- Exhaust air outlet in rear wall of furnace
- Solid state relays provide low-noise operation
- Optionally available with flap door (L models) that can be used as work platform or with lift door (LT models) with hot surface facing away from the operator
- Available with the programmable controllers B 410 and C 450 with adjustable ramps and hold times (L 1/12 with R7 or 3216)
- All insulation materials used are classified as non-carcinogenic according to TRGS 905, Class 1 or 2
- Standard connection 220-240 V 1/N/PE 50/60 Hz

**1100 °C and 1200 °C models**

- Ceramic heating plates with integrated heating wire, splash and exhaust protected, easy to replace
- heating from two sides (heating from three sides for muffle furnaces with interior volumes of 24 litres and 40 litres)

**1300 °C and 1400 °C models**

- Heating elements on support tubes for free heat radiation, short heating times and long service life
- Heating from two sides

**Optional**

- Chimney, chimney with fan or catalytic converter
- Over-temperature limiter with adjustable cutout temperature for thermal protection class 2 in accordance with EN 60519-2 as temperature limiter to protect the furnace and load



- Protective gas connection to purge with non-flammable protective or reaction gases (not available in combination with chimney, chimney with fan or catalytic converter)
  - Manual or automatic gas supply system
  - Process control and documentation via VCD software package for monitoring, documentation and control
- Max. temperature 1100 °C. Flap door can be used as work platform.

Code	Description	Packaging
LLG09764508	Muffle furnace L 1/12/R7 with temperature controller, 230 V	1 pz.
LLG09764503	Muffle furnaces, L 3/11/C450 upto +1100°C, cap. 3 ltrs	1 pz.
LLG06092769	Muffle furnace L 5/11/B410 capacity 5 l, power 2,	1 pz.
LLG09764505	Muffle furnaces L 5/11/C450 with controller	1 pz.



Code	Description	Packaging
LLG06206861	Muffle furnaces L 24/11/B410 with controller 230 volt	1 pz.
LLG09764504	Muffle furnaces L 24/11/C450 with controller 230 V	1 pz.
LLG09764507	Muffle furnaces L 15/11/C450 with controller, 230V	1 pz.
LLG09764509	Muffle furnaces L 9/11/C450 with controller, 230V, cap. 9 ltrs	1 pz.
LLG09764506	Muffle furnaces L 40/11/C450 with controller 230 volt	1 pz.
LLG06056446	Muffle furnaces L 15/11/B410 temperature max 1100°C	1 pz.



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