Economy Muffle Furnaces up to 1100 °C

With their convincing price/performance ratio and the fast heat-up rates, these compact muffle furnaces are perfect for many applications in the laboratory. Quality features like the dual shell 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.

Muffle furnace LE 6/11

Standard Equipment

- Tmax 1100 °C
- Heating from two sides from heating elements protected in quartz glass tubes
- Fast heating times (see table)
- Maintenance-friendly replacement of heating elements and insulation
- Housing powder-coated in industrial qualtiy
- Flap door which can also be used as a work platform
- Exhaust air outlet in rear wall
- Compact dimensions and light weight
- Controller mounted under the door to save space
- Controller R7, controls description see page 75

Additional Equipment

- Chimney, chimney with fan or catalytic converter (not for LE 1) see page 24
- Please see page 25 for more accessories

Model	Tmax	Inner dimensions in mm			Volume	Outer dimensions[2] in mm			Temperature uniformity of +/– 5K in the empty workspace			Connected	Electrical	Weight	Heating time
	in °C[1]	w	d	h	in l	W	D	H	w	d	h	load in kW	connection*	in kg	in min[3]
LE 1/11	1100	90	115	110	1	290	280	410	40	45	60	1.5	1-phase	10	10
LE 2/11	1100	110	180	110	2	330	390	410	60	110	60	1.8	1-phase	10	25
LE 6/11	1100	170	200	170	6	390	440	470	120	130	120	1.8	1-phase	18	30
LE 14/11	1100	220	300	220	14	440	540	520	170	230	170	2.9	1-phase	25	35

[1]Recommended working temperature for processes with longer dwell times is 1050 °C
[2]External dimensions vary when furnace is equipped with additional equipment. Dimensions on request.
[3]Heating time of the empty and closed furnace up to Tmax –100 K (connected to 230 V 1/N/PE)

*Please see page 75 for more information about supply voltage

Muffle furnace LE 1/11

Muffle furnace LE 14/11

Heating elements protected in quartz glass tubes