

# 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 coated in RAL
- 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 and LE 2) see page 24
- Please see page 25 for more accessories

Model	Tmax in °C <sup>1</sup>	Inner dimensions in mm			Volume in l	Outer dimensions <sup>2</sup> in mm			Temperature uniformity of +/- 5K in the empty workspace			Connected load in kW	Electrical connection*	Weight in kg	Heating time in min <sup>3</sup>
		w	d	h		W	D	H	w	d	h				
LE 1/11	1100	90	115	110	1	290	280	410	40	65	60	1,6	1-phase	15	10
LE 2/11	1100	110	180	110	2	330	390	410	60	130	60	1,9	1-phase	20	15
LE 6/11	1100	170	200	170	6	390	440	470	120	150	120	2,0	1-phase	27	30
LE 14/11	1100	220	300	220	14	440	540	520	170	250	170	3,2	1-phase	35	35
LE 24/11	1100	260	330	280	24	490	570	590	200	270	230	3,5	1-phase	42	40

<sup>1</sup>Recommended working temperature for processes with longer dwell times is 1050 °C

<sup>2</sup>External dimensions vary when furnace is equipped with additional equipment. Dimensions on request.

<sup>3</sup>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



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**Pricing on any accessories shown can be found by keying the part number into the search box on our website.**

The specifications listed in this brochure are subject to change by the manufacturer and therefore cannot be guaranteed to be correct. If there are aspects of the specification that must be guaranteed, please provide these to our sales team so that details can be confirmed.

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Please contact us if this literature doesn't answer all your questions.