

News from Nabertherm – New Product Launches

The new LE 24/11 - Nabertherm expands its successful LE economy Muffle Furnace Series

We are pleased to share some good news with you! Today we are proudly presenting the expansion of our best-selling and successful LE economy muffle furnace series – the new **LE 24/11**. This entry line muffle furnace can be used for various applications up to Tmax 1100°C. Like his small brothers it is a reliable partner in the lab and characterized by a great price/performance ratio.



This furnace is only available with a flap door which can be used as work platform when loading or unloading. Fast heating times due to heating elements encased and protected in quartz glass tubes provide efficient heating. The combination of dual shell housing and superior insulation materials results in a very efficient power consumption.

The LE 24/11 is especially interesting as it is connected to the 220-240 V single phase whereas our model L(T) 24/11 is only available with three phase connection. Moreover, the new LE 24/11 – as the whole LE series – has an excellent temperature uniformity of +/- 5 K in the empty workspace at temperatures > 800°C.

The PID-temperature controller is designed for a simple operation equipped with one set temperature, which is dwelled until the controller is switch off.

Of course, the furnace can also be equipped with our various types of chimneys.

Below you will find a detailed overview of the technical specifications of our LE-series:

Model	Tmax in °C ¹	Inner dimensions in mm			Volume in l	Outer dimensions ² in mm			Temperature uniformity of +/- 5K in the empty workspace			Connected load in kW	Electrical connection*	Weight in kg	Heating time in min ³
		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

Charging Shelf for Ashing Furnaces

Alongside this, we have developed a new **charging shelf** for our ashing furnaces LV 9/11 and LV 15/11 designed for Tmax 800°C.



The shelf comes with two closed and two perforated trays for loading the furnace in two levels. A handle for easy handling of the trays is also included in the delivery.

Drying oven with Rotation System and Customized Sample Holder

Nabertherm is also well-known for its customized furnaces. With over 60 engineers we have one of the biggest R&D departments in the furnace industry.

Thus, we are pleased to present one of our popular customized solutions – the [drying oven with Rotation System and Customized Sample Holder](#). We are seeing an increased number of inquiries for this system. They are often used in combination with vessels as shown in this video.



There are hardly any other manufacturers in the market who are capable of customizing drying ovens in such a way. This video will surely be very informative and helpful for a better understanding of the rotation system and the customized sample holder. Of course, the design of the sample holder can be adapted to customers' requirements.

All new products are already included in our price list and are available from now on. Only the rotation system with customized sample holder would have to be calculated separately. As usual, all products are **"Made in Germany"**.

If you need further information for these products such as offers, pictures etc., please feel free to contact us.

We look forward to hearing from you. Stay safe!

Best regards,

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