

LKN.LS series (long stay)



DESCRIPTION

It's a series of electric kilns used in thermal processes in metallurgical, chemical, dental and ceramic laboratories. They are designed to get the best a compromise between the heating speed and the operating life of the resistors and of thermal insulation. The combination of preformed ceramic fibre panels, low-density refractory bricks and high-quality heating elements allows these furnaces to rise to maximum temperature in about 6 hours (referred to 1300 °C). The cooling is natural.

The structure in fire-painted steel with epoxy paints, and feet with rubber base, make the kilns of the LKN series, compact, light and that

can be placed in any table or laboratory bench. The heating part consists of resistors made with Khantal type wire spring-shaped and mounted on ceramic candles. They are located in the roof and sole of the inner chamber. In the back there is a chimney for the escape of any gases that may form during the cooking phases.

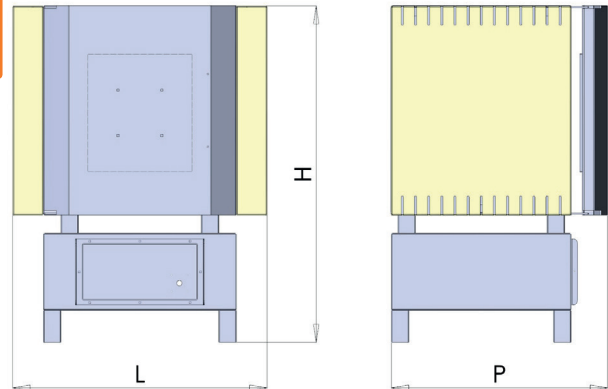
THE PREROGATIVE OF THIS MODEL IS THE POSSIBILITY TO PERFORM LONG STAYING AT THE MAXIMUM SET TEMPERATURE.

The increased dimensions and the presence of a double sleeve, with indirect air circulation, allow to keep the external tempering at low levels. The insulation of the internal chamber is increased especially for this version (LS), in order to limit the transmission, to the outside, of the heat due to the long duration of the staying. The doorway is oversized.
The duration of the staying, at the maximum set temperature, is allowed up to a maximum of 5 hours. (referred to 1350 °C)

CONTROL PANEL



The temperature and the cooking cycle are controlled by a microprocessor programmer mod. K1PX, with which you can store 4 cooking cycles, each consisting of 8 steps.



TECHNICAL FEATURES

Mod.	Temp. max °C	Internal dimensions [mm]			External dimensions [mm]			Power kW	Tension [V+T]	Weight [kG]
		Width [l]	Depth [p]	Height [h]	Width [L]	Depth [P]	Height [H]			
LKN-75 LS	1300	160	160	130	650	700	780	2	230	100
LKN-76 LS	1350									
LKN-85 LS	1300	200	300	160	700	750	860	4		130
LKN-86 LS	1350									

(all data are non-binding, the manufacturer reserves the right to modify them)