



DESCRIPTION

It is a laboratory kiln built with a steel carpentry painted at 180°C with scratch-resistant epoxy paints.

Thermal insulation is provided with ceramic fiber and low density refractory bricks. The heating parts, made up of coiled wire electric resistances, are placed on the 4 sides of the internal chamber.

Cooling is natural.

The use of this kiln is foreseen to carry out tests with materials which do not give rise to toxic gases during the thermal phase and which are compatible with the maximum working temperature of the kiln itself.

In particular, the products to be cooked must not consist of dangerous substances due to the emission of irritating or harmful substances for human health.

The use of flammable or explosive substances must also be avoided.

The kiln is designed and built to be installed in environments with no risk of explosion.

PANEL CONTROL

In its basic version, temperature and cooking cycle control is entrusted to a K1PX model microprocessor programmer with which it is possible to set 4 cooking cycles, each consisting of 8 STEPS.

THE PREROGATIVE OF THIS MODEL IS THE POSSIBILITY OF CARRYING OUT LONG PARKING AT THE MAXIMUM SET TEMPERATURE.

The increased dimensions and the presence of a double casing, with indirect circulation of air, make it possible to maintain the external temperature at contained levels.

The insulation of the internal chamber is specially increased for this version (LS), in order to limit the transmission, towards the outside, of the heat due to the long stationary duration. The door frame is increased.

The duration of standing, at the maximum set temperature, is allowed up to a maximum of 5 hours. (referred to 1340°C)

The duration of standing, at a temperature not higher than 1250°C, is allowed up to a maximum of 36/38 hours



TECHNICAL FEATURES

Mod.	Temp. max	Internal dimensions [mm]			External dimensions [mm]			Power kW	V + N	Weight [kG]
		Width [a]	Depth [b]	Height [c]	Width [A]	Depth [B]	Height [C]			
KLN-60/13.LS	1340 °C	400	400	400	1310	1080	1830	16	400	240

(all data are not binding, the manufacturer reserves the right to modify them)

OPTIONAL

- Automatic chimney management
- PC management software