

# **CVK-N** **CVK-N/S** **CVK-N/SCS**

## **DESCRIPTION**

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

Thermal insulation is provided in ceramic fiber and low-density refractory bricks.

For the CVK-N and CVK-N / S models the heating parts consist of Kanthal-type spiral-wound electric resistors.

For the CVK-N / SCS model the heating parts are composed of silicon carbide electric resistors.

In all models the resistive elements are placed on the bottom and on the roof of the chamber.

With this oven, it is possible to simulate the entire cooking curve of a continuous industrial kiln.

Cooling is "direct forced" type.

**A STAY, AT THE MAXIMUM TEMPERATURE SET, MAY BE ALLOWED FOR A TIME LIMIT OF 10 MINUTES.**

### **SPECIFIC PERFORMANCE CVK-N and CVK-N/S models**

<b>rise time (from 20°C to 1300°C)</b>	<b>27 minuti</b>
<b>descent time (from 1300°C to 300°C)</b>	<b>25 minuti</b>

### **SPECIFIC PERFORMANCE CVK-N/SCS model**

<b>rise time (from 20°C to 1450°C)</b>	<b>75 minuti</b>
<b>descent time (from 1450°C to 300°C)</b>	<b>60 minuti</b>

## **COMAND PANEL (models CVK-N CVK-N/S)**



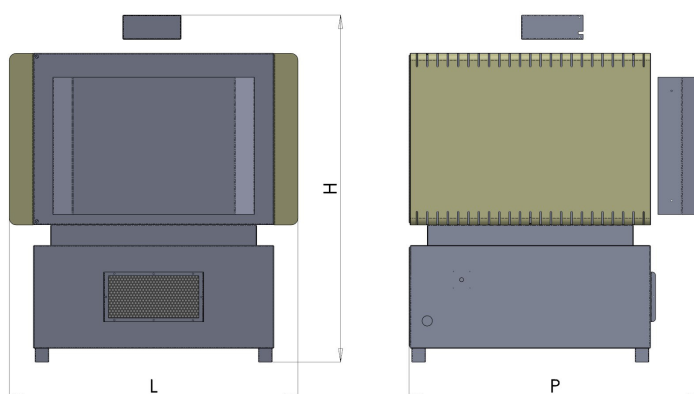
Temperature and firing cycle are managed by a microprocessor programmer mod. K1PX, with which it is possible to memorize 4 firing cycles, each consisting of 8 steps.

## **CONTROL PANEL (model CVK-N/SCS)**



The temperature and firing cycle are managed by a Lumel RE 82 microprocessor programmer. With this type of programmer it is possible to memorize a maximum of 15 programs each consisting of a maximum of 15 ramps.

On the upper part of the kiln there is a non-programmable exhaust chimney, which automatically follows the cooking curve and intervenes in the forced cooling phase.



## **TECHNICAL CHARACTERISTICS**

Mod.	Temp. max °C	Internal dimensions [mm]			External dimensions [mm]			Power kW	V + N	Weight [kG]
		Width [l]	Depth [p]	Height [h]	Width [L]	Depth [P]	Height [H]			
CVK-N	1320	400	470	120	840	880	1030	24	400	190
CVK-N/S	1380				840	880	1030			
CVK-N/SCS	1450				960	960	1140			240

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