NANNETTI

LABORATORY KILN

GR-CO2

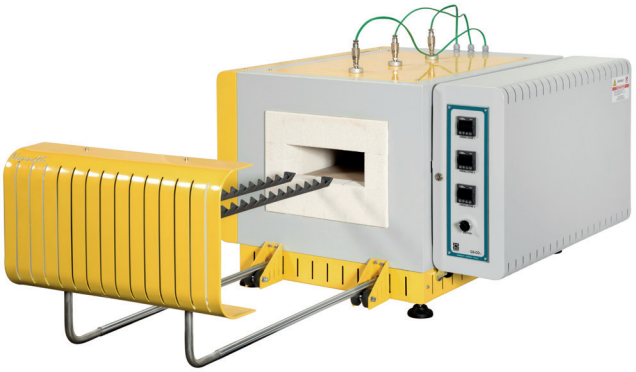
DESCRIPTION

It is a laboratory kiln with 3 cooking zones to have 3 thermal gradients.
The function consists in programming the three firing temperatures, after which the tests can be started.
It is particularly suitable for the metallurgical sector.

It is built with a steel structure painted with scratch-resistant epoxy paints, cooked at 180 ° C.
The thermal insulation consists of ceramic fiber and low-density refractory bricks.
The heating part is made up of spiral-wound KANTHAL-type electric resistors.

FUNCIONALITY

- programing the temperature for each zone (1)
- open the kiln's door
- place the sample to be tested on the special support attached to the door
- close the door
- wait for a predetermined time, then open the door, remove the sample from above the support and start a new test (2).



1 possibility of setting maximum gradients of 100 °C between cell and cell (referred to a working temperature of 1000 °C)
2 thanks to the high power available, it is possible to have a rapid recovery of the temperature to the set value, following the opening of the door to load a subsequent sample.

COMAND PANEL

For each zone of the kiln there is a thermoregulator with microprocessor model ASCON KM3, with wich it is possible to memorize the program that will consist of a maximum of 8 STEPS.

TECHNICAL CHARACTERISTICS

Mod.	Temp. max	Internal dimensions [mm]			Volume	External dimensions [mm]			Power	V + N	Weight
		Width [w]	Depth [d]	Height [h]	Lt.	Width [W]	Depth [D]	Height [H]	kW		[kG]
GR-CO2	1100 °C	250	600	90	13	870	1100	700	10	400	190

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

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