TUBULAR LABORATORY KILN

TO-R

DESCRIPTION

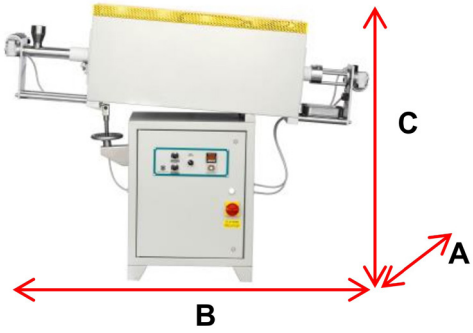
It is a laboratory kiln consisting of a tube that rotates around its own axis with an adjustable speed and inclination.

The material to be treated, in powder or granules, is placed in the upper end of the rotating tube and, depending on its rotation speed and its inclination, runs along its entire length until it comes out from the lower end.
Therefore the cycles obtained depend on the regulation of these two parameters (inclination and rotation speed).

FEATURES

- structure in fire-painted steel with epoxy paints
- thermal insulation with ceramic fiber suitable for the maximum operating temperature
- Kanthal type wire wound resistors, mounted on a special shaped support
- interchangeable ceramic tube (suitable for working up to a max temperature of 1350 °C)
- type S thermocouple (suitable for the temperature range)
- manual regulator (handwheel) for the inclination of the rotating tube
- control panel (on board) including:

- thermoregulator for firing temperatures adjustment
- thermoregulator for tube' rotation speed regulation
- general on / off switch of the instrument panel
- emergency button



TECHNICAL FEATURES									
Mod.	Temp. max	Internal dimensions [mm]		External dimensions [mm]			Power	V + N	Weight
		[a]	[b]	Width [A]	Depth [B]	Height [C]	kW		[kG]
TO-R	1350 °C	60	1200	520	1580	1415	6	230	230

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

OPTIONAL

- 3 heated and separately controllable zones [1]

1 *consisting of: 2 instruments for temperature control, 2 type S thermocouples, 1 wire resistance Kanthal type*

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