



C/7-00/0803



TUBULAR FURNACES for LABORATORY

«CUSTOMIZED» realisation on request



Temperature max : 1.200°C

PRINCIPLE

A resistant wire (alloy Fe/Cr/Al) is wined and cemented on a refractory tubular support. This heating element is then assembled in a stainless steel casing and heat insulated by ceramic wool. The manufacturing is certified **amianthus free**.

ADVANTAGES

You can define and ask us the product that suits you, for cost and delay comparable to standard products.

ERALY

97 rue A. Le Bourblanc
F-78590 NOISY LE ROI

Tel. : 33 (1) 34 62 64 06
Fax : 33 (1) 30 56 66 86
e-mail : contact@eraly.com

Quotation on request

Catalogue quotation:

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TECHNICAL CHARACTERISTICS

- Volume** : The maximum inside volume is about 5 to 7 litres.
- Dimensions** : Practically any dimension for the internal diameter are possible, to 100 mm.
The external diameter is defined with the following sizes : \varnothing 50 / 100 / 150 / 200 / 250 mm.
Other shapes for the external steel sheet (square or rectangular...) are possible, with any dimension.
Maximum length to 1 metre.
- Assembling** : Different means for fixation and assembly are possible :
by rods, screwed or smooth, on the side ①
by a plate with rubber supports ②
by integration in an analytical tool.
and so on...
- Resistance** : Under conditions, the resistant wire winding can be made with variable steps, or with different heating zones, so as to obtain particulate profile temperature.
According to dimensions and max temperature, the main voltage is : 220 / 110 / 48 / 24 VAC
- Temperature measurement** : Each furnace is equipped with a tube to insert the thermocouple.
- Temperature regulation** : - by temperature regulator with digital display, self-adaptive PID type, with rising slope and output power under 220 V : 1300 or 2600 VA
- or by any other mean on request.
- Different realisations** : Our mastery on this technology allow us to propose more complicated furnaces :
- Furnaces with several parallel tubes ③
- Furnaces with different shapes of tube, (square, rectangular, half circular...) ③
- Furnaces «well» type,
- Opening furnaces (under conditions),
- Extremities with accessories (ventilation, gas input, ...),
- Protection grid ④ or furnace sides cooling by water circulation,
- and so on...

