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## **ELECTRICAL FURNACES FOR CERAMIC BAKINGS TYPE HB 1000 °C**

- Construction in ceramics fiber
- Uniform distributed temperature
- Isolation of high efficiency
- Reduced consumptions of energy
- Electrical resistors of elevated quality

The use of the ceramics for educational and hobby scope has carried to the development of electrical furnaces with characteristics of low energy consumption in relationship to the relatively great baking chamber. Their compactness, the low weight and reduced electrical power allow the installation in any type of ambient, also of inhabited type. The operation of furnaces HB is simple and sure

### **GENERAL CHARACTERISTICS**

- Baking chamber totally in ceramic fiber
- Lateral resistors supported from panels in ceramics fiber
- Heated sole in rigid refractory
- Upper chimney for humidity drainage and cooling of baking room
- Manually heating speed from a minimum to a maximum after the desiccation
- Control of the final baking temperature by an electronic instrument that prevents the overcoming of the prefixed temperature, for inertia of the furnace, by a proportional action that eliminates also the temperature oscillations in phase of extended baking. The instrument is of easy extracting type for a fast repair
- Insertion of cooling phase without the operator or extended operation of baking temperature according to necessity.
- Device for electrical supply exclusion to the opening of the furnace door

### **STRUCTURAL CHARACTERISTICS**

Structure in welded sheet steel, with panels of access to the technical spaces and frontal covering in aluminum. Finishing with stove enamelling and anodic oxidation for particulars of aluminum. Hinged door with pressure inserts closing. An aluminum panel opportunely distanced eliminates the heat radiation towards the operator in the critical zone of the door. The furnace structure joins lightness and strength. An opportune lateral faces grilling stops the humidity condensation preventing the metallic structure corrosion and the qualities covering insulator decaying.