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ELECTRICAL FURNACES GME resistors in carbide of silicon 1400 °C

- For universal use in laboratory
- Fast cooling and heating
- Flexibility use
- Adapted for the execution of programmed thermal cycles

This compact and light furnace answers to the metallurgical and chemical laboratory necessities, for tests to high temperatures. The carbide and silicon heating elements, and the thermal isolations to low inertia, permit to obtain from this furnace the greatest flexibility of employment in terms of speed of heating and cooling and also reduced energy consumption. The increment of resistor resistance as a result of the aging , manually is compensated from an electronic device and relative pointer of the maximum power. Furnaces GME particularly are adapted to execute programmed thermal cycles,therefore, temperature programmators and automatic compensators of aging are optional available. All the standard furnaces of this series, are equipped of automatic temperature regolators, with indication of the instantaneous value, connected to Pt-PtRh thermocouples shielded from a gasproof sheathing. Compact structure in painted steel, with ventilation spaces that maintain the external surface temperature of the furnace reduced. The opening of parallel movement door keeps the warm face away from the operator. A safety switch excludes the resistors when the door is opened. The electrical equipment is in conformity with norms I.E.C.