



nuova osar
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ELECTRICAL FURNACES SERIES E 1100 °C

Universal employment in thermal processes of metallurgical, chemical and dental laboratories.

- Flexibilities of employment to the most varied temperatures.
- Fast change of job's temperature.
- Precision in the treatments.
- Security of the employment.
- Easy maintenance.

Constructive characteristics

Control of temperature

Automatic regulator with instantaneous value indication regarding the prefixed one. The regulatory device supplies full power to the resistors until the attainment of job's temperature, after what the proportional action of the instrument, supplies variable amounts of energy to prevent the initial oscillating and that of regulation. The regulator instrument can be extracted from the panel for control or maintenance thanks to system " PLUG-IN ". special controls of temperature are offered optionally.

Resistors and thermal isolation

The furnaces series E represent the best compromise between rapidity of heating and operating duration of the heating body and the thermal isolation. The resistors and lightened slab combination, where the resistor is completely shielded and employment of preformed ceramic fibers, allows furnace E to go quickly up in temperature and quickly to be cooled, so to offer the greater advantages in the intermittent job. Moreover there's a low energy consumption, to maintain the furnace temperature. The substitution of heating body is fast, easy and economic.

Thermocouple

Thermocouple is shielded from a thin ceramics girdle impermeable to gases, and is connected to the instrument regulator with the relative compensated cable. Special thermocouples for the process control- on request.

Several

Compact and elegant structure in painted steel and anodized aluminum. The instrumentation and the resistors terminals, are contained in ventilated spaces. For the maximum employment security, the resistors come putted outside tension to the opening of the door. The electrical equipment corresponds to the norms.



Standard Equipments

- Automatic temperature regulator
- Daily hour inserter with shunter "OVERRIDE"
- Back way for smoke elimination
- Switch of the door

Optional equipments

- Material support sole in refractory steel
- Timer for time treatment cycles
- Programming of temperature for thermal cycles
- Digital indicator of the temperature
- Hole inspection

Standard electrical supply: V220 monophase E-70
E-73 E-80
V220 triphase E-80
V380 triphase E-80
Energy of maintenance a 1000 °C: 0,8 KWh (E-80)
Time for heating: 55 minutes (E-80)



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