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LABORATORY MUFFLE FURNACE TYPE FCF1S

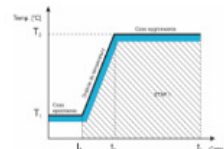|	
Type	**FCF1S**
Max. temp. [°C]	**1150**
Chamber dimensions [mm] width x height x depth	**110 x 85 x 110**
Volume [dm³]	**1**
Overall dimensions [mm] width x height x depth	**295 x 445 x 501**
Power [kW]	**0,8**
Weight [kg]	**20,5**
Supply voltage [V~]	**230**
Heating up time (1000°C) [min]	**30**

Muffle furnaces are designed to conduct thermal processes in the laboratory with a particular application in the conditions ofthe occurrence of aggressive environment in the chamber in the form of gases, dust, chips, etc. The ceramic muffleseparates the heating elements from the inside of the heating chamber, provides longer service life and maintains a stabletemperature. It is possible to equip the furnace with a temperature programmer type M or temperature regulator type P.

TEMPERATURE PROGRAMMER TYPE M	TEMPERATURE REGULATOR TYPE P

One four-and two single displays allow easy reading of the actual temperature of the object and set parameters. With the ability to program a delayed start time as well as the holding time, ie. to maintain furnace temperature for a certain time, it is possible to automatically carry out a series of burnings unattended. This gives you the opportunity to work eg. during the night tariff for electricity or to heat-up the furnace to the required temperature ahead of time, avoiding unnecessary downtime. Has the ability to program the time (ie. speed) to reach the desired temperature. Characterized by a programmable 10 stages in each program of work, where the stage corresponds to the set temperature, the time to come to the temperature and time of annealing temperature setpoint. This enables the formation of burning curve for any given furnace with varying lengths of growth or fall of temperature over time.

Two four character displays allow easy reading of the actual temperature of the object and set parameters. With the ability to program a delayed start time as well as the holding time, ie. to maintain furnace temperature for a certain time, it is possible to automatically carry out a series of burnings unattended. This gives you the opportunity to work eg. during the night tariff for electricity or to heat-up the furnace to the required temperature ahead of time, avoiding unnecessary downtime.

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