

A1100/30 STATIC FURNACE FOR FIRING (UP TO 1100°C)

Highly accurate laboratory high temperature electric furnace with chamber made of thermal insulation fiber plates. The products are designed for firing, hardening, loosening, normalising and other thermal processing up to temperature of 1100 °C. To eliminate gasses or smoke that are released during thermal processing, ventilation hole and an exhaust system is installed. The furnaces are an excellent fit for scientific laboratories, educational institutions, medicine and industry.

CONSTRUCTION

- Chamber made of fiber thermal insulation plates
- Vacuumized heating elements
- Outside casing in metal sheet RAL7035
- Ceramic bottom plates
- Door opening on the right with safety interlock switch
- Low electric power consumption
- Possibility to use a nitrogen gas
- Chimney



CONTROL:

- Temperature measurement by thermocouple type "J".
- PID electronic regulator, double digital display.
- Program of segments
- SSR control unit.
- Buzzer
- Digital timer
- OTP (over temperature protection)
- PC connection and computer software

TECHNICAL DATA:

Volume	Lt	30
Rated power not more than	kW	3,4
Rated supply voltage	V	230
Rated frequency	Hz	50
Number of phases	-	1
Continuous operating temperature	°C	10-1100
Maximum temperature	°C	1100
Working chamber material	-	Fiber plates
Maximum heating- up time (without charge)	Min.	150
Temperature uniformity at 1100°C	±°C	10
Oven working chamber dimensions:		
width	mm	300
depth	mm	450
height	mm	300
Outside dimensions:		
width	mm	640
depth	mm	800
height	mm	830
Weight	kg	96



Specification are subject to change without prior notice.