

SNOL 10/1300 LSM01

The high-accuracy electric muffle furnace SNOL 10/1300 is a universal laboratory furnace capable of reaching temperatures up to 1300°C. It is designed for material testing and heat treatment processes such as hardening, annealing, normalizing, and treating ceramic and stoneware samples. To eliminate gases or smoke released during thermal processing, an exhaust system may be additionally installed. The furnace is an excellent fit for scientific laboratories, educational institutions, ceramic studios, medical applications, and industrial use.

Basic model

- ✓ One piece high thermal efficiency, vacuum-formed ceramic fiber chamber;
- ✓ Heating elements are exposed on ceramic tubes in two sides of the chamber;
- ✓ Outside casing – metal sheet, powder painted grey;
- ✓ Door opens sideways;
- ✓ Door safety interlock switch;
- ✓ Control panel is placed in the underpart of the furnace;
- ✓ Microprocessor – temperature controller;
- ✓ Ceramic bottom plate;
- ✓ Fast heating time due to low thermal mass construction;
- ✓ Low power consumption;
- ✓ Good stability and uniformity;
- ✓ 1 year warranty.

Options

- ✓ Fan-assisted chimney for air extraction;
- ✓ Additional ceramic hearth plates;
- ✓ Buzzer;
- ✓ Digital timer for delayed start;
- ✓ Protection against overheating;
- ✓ Data recorder;
- ✓ Data communication/USB;
- ✓ Calibration of temperature measurement system;
- ✓ Table for supporting the furnace;
- ✓ Metal tray;
- ✓ Additional 1 year warranty.

Specifications

Technical data	SNOL 10/1300 LSM01
Volume, L	10
Maximum temperature, °C	1300
Continuous operating temperature, °C	T+10-1300
Power, kW	2,4
Rated supply voltage, V	230
Number of phases	1
Rated frequency, Hz	50/60
Chamber material	Fiber muffle
Maximum heating-up time (without charge), min.	50
Temperature stability	2
Temperature uniformity	10°C
Airflow	Natural
Chamber width, mm	230
Chamber depth, mm	335
Chamber height, mm	180
Overall width, mm	500
Overall depth, mm	710
Overall height, mm	560
Mass (Netto), kg	39

