

# SNOL 8,2/1100 LSM01

The high-accuracy electric muffle furnace SNOL 8.2/1100 is a universal laboratory furnace, capable of reaching temperatures up to 1100°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 can be optionally installed. This 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, embedded in a vacuum formed fiber, are inside four walls 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

- ✓ Process observation window (ø 35 mm) up to 1100 °C;
- ✓ Fan-assisted chimney for air extraction;
- ✓ Additional ceramic hearth plates;
- ✓ Buzzer;
- ✓ Programmable temperature controller;
- ✓ Digital timer for delayed start;
- ✓ Protection against overheating;
- ✓ Data recorder;
- ✓ Data communication/USB;
- ✓ Calibration of temperature measurement system;
- ✓ Table for supporting the furnace;
- ✓ Protective gas atmosphere;
- ✓ Gas box up to 1100 °C;
- ✓ Metal tray;
- ✓ Additional 1 year warranty.

# Specifications

Technical data	SNOL 8,2/1100 LSM01
Volume, L	8.2
Maximum temperature, °C	1100
Continuous operating temperature, °C	T+10-1100
Power, kW	1,8
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	195
Chamber depth, mm	310
Chamber height, mm	135
Overall width, mm	440
Overall depth, mm	530
Overall height, mm	495
Mass (Netto), kg	28

