

SNOL 40/1200 LSF01

High accuracy electric fiber-insulated chamber furnace SNOL 40/1200 is universal laboratory furnace, designed for materials testing, heat treatment such as hardening, loosening, normalizing, ceramic and stoneware samples firing up to 1200°C. To eliminate gasses or smokes that are released during thermal processing, exhaust system may be additionally installed in the products. The furnace is excellent fit for scientific laboratories, educational institutions, ceramic studios, medicine and industry.

Basic model

- ✓ Chamber made from fiber thermal insulation plates
- ✓ Heating elements are in grooves in three sides of the chamber (sides and bottom)
- ✓ Outside casing – metal sheet, powder painted grey
- ✓ Door opens to the right side
- ✓ Door safety interlock switch
- ✓ Control panel is placed in the underpart of the furnace
- ✓ Digital PID temperature controller E5CC (1 program, 2 steps);
- ✓ Ceramic bottom plates
- ✓ Fast heating time due to low thermal mass construction
- ✓ Low power consumption
- ✓ Good stability and uniformity
- ✓ 1 year warranty

Options

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

Specifications

Technical data	SNOL 40/1200 LSF01
Volume, L	40
Maximum temperature, °C	1200
Continuous operating temperature, °C	T+10-1200
Power	3,4
Rated supply voltage, V	230
Number of phases	1
Rated frequency, Hz	50
Chamber material	Fiber plates
Maximum heating-up time (without charge), min.	150
Temperature stability	1
Temperature uniformity	10°C
Airflow	Natural
Chamber width, mm	295
Chamber depth, mm	420
Chamber height, mm	295
Overall width, mm	645
Overall depth, mm	870
Overall height, mm	835
Mass (Netto), kg	110

