SNOL 12/1100 LSC01

High accuracy electric furnace with solid ceramic chamber SNOL 12/1100 is intended for hardening, loosening, normalising and other thermal processing up to 1100°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, medicine and industry.

Basic model

✓ Solid ceramic chamber

✓ Partially exposed heating elements are in four sides around 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

✓ Digital PID temperature controller E5CC (1 program, 2 steps);

✓ Ceramic bottom plate

✓ High quality, ecological thermal insulation material

✓ Low electric power consumption

✓ Short heating up/cooling down period

✓ High degree of accuracy

✓ 1 year warranty

Options

✓ Process observation window (Ø 35 mm) up to 1100 °C

✓ Fan-assisted chimney for forced air extraction

✓ Additional ceramic hearth 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

✓ Additional 1 year warranty

Specifications

Technical data	SNOL 12/1100 LSC01
Volume, L	12
Maximum temperature, °C	1100
Continuous operating temperature, °C	T+10-1100
Power	4
Rated supply voltage, V	230
Number of phases	1
Rated frequency, Hz	50
Chamber material	Ceramic
Maximum heating-up time (without charge), min.	130
Temperature stability	1
Temperature uniformity	10°C
Airflow	Natural
Chamber width, mm	215
Chamber depth, mm	295
Chamber height, mm	195
Overall width, mm	640
Overall depth, mm	745
Overall height, mm	820
Mass (Netto), kg	134