



# SNOL

A new range laboratory oven **SNOL 120/300** is designed for thermal treatment of various materials up to 300°C. This electric oven is designed for thermal treatment such as drying, heating, thermal testing, aging and similar purposes in an air-flow environment. Forced air convection allows a homogenous temperature distribution during all process, which ensures optimal results. Good technical parameters ensure to high-quality results. This oven is also available in economical version LSNE11 (without buzzer and air flow speed controller). Oven can be used in scientific laboratories, educational institutions, medicine and industry.

## **BASIC MODEL:**

- Control panel is placed in under part of the oven,
- Ventilation motor on back side,
- Forced horizontal air circulation,
- Inside casing in 304 stainless steel,
- 3 stainless steel shelves,
- Outside casing in metal sheet, powder painting grey,
- Insulation rock wool (complete lack of asbestos),
- Door opening on the right, inner door in stainless steel, silicon joint,
- OTP (over temperature protection),
- Microprocessor - temperature controller,
- Air fan speed controller,
- Buzzer,
- Low electric power usage for increased energy efficiency,
- Short heating up / cooling down period.

Technical data	Dimension	SNOL 120/300 LSN11
Useful volume	Liter	120
Rated power not more than	kW	2,2
Rated supply voltage	V	230
Rated frequency	Hz	50
Number of phases	-	1
Continuous operating temperature	°C	T+10-300
Maximum temperature	°C	300
Working chamber material	-	st. steel
Working chamber surroundings	-	air (with hot air fan)
Airflow		horizontal
Shelves (number)/max.		3/7
Maximum heating- up time (without charge) up to 300°C	Min.	45
Temperature stability in working chamber at rated temperature in thermal steady state without charge not more than	± °C	0,3
Temperature uniformity in working space at 300°C temperature in thermal steady state without charge not more than	±°C	1,9
Oven working chamber dimensions:		
width	mm	550
depth	mm	400
height	mm	580
Outside dimensions:		
width	mm	750
depth	mm	780
height	mm	880
Mass	kg	70

**INSIDE VENTILATION :**

- Forced convection oven of warm air,
- A ventilation set, long spindle motor and turbine placed back side.

**AIR RENEWAL :**

- An air intake by stainless steel tube, diameter 30 mm, on the back under part,
- An air outlet adjustable manually on the back side upper part, diameter 50 mm.

**CONTROL :**

- Temperature measurement by thermocouple type J,
- PID electronic regulator, double digital display reference temperature and measured temperature,
- SSR relay.

**OPTIONS:**

- Economical version (without buzzer and air flow speed controller)
- Timer
- Eurotherm 3216 (non-programmable)
- Eurotherm 3208 (programmable)
- PC connection and software SNOL V1.12
- Window for process observation (320x318) in front door
- Additional hole with cover -

**MAIN SPARE PARTS:**

- Additional shelf
- Hardened shelf
- Heating elements set
- Thermocouple (type J)
- Air fan
- Air fan controller

**SUPPLIED DOCUMENTS:**

- Oven and temperature controller instructions,
- Electric diagram.

**GUARANTEE:**

- One years limited guarantee and later service.

**OTHER:**

- CE marked.

**COUNTRY OF ORIGIN:**

- Lithuania (EU country).



Picture for illustration only