



SNOL

A new range laboratory oven **SNOL 220/300** 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 220/300 LSN11
Useful volume	Liter	220
Rated power not more than	kW	4
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.	30
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	2,5
Oven working chamber dimensions:		
width	mm	730
depth	mm	500
height	mm	620
Outside dimensions:		
width	mm	930
depth	mm	880
height	mm	915
Mass	kg	102

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