



SNOL

A new range laboratory oven **SNOL 420/300** 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),
- Two doors, inner doors 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 420/300 LSN11 |
|--|-----------|------------------------|
| Useful volume | Liter | 420 |
| Rated power not more than | kW | 6,2 |
| Rated supply voltage | V | 400 |
| Rated frequency | Hz | 50 |
| Number of phases | - | 3 |
| 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. | 40 |
| Temperature stability in working chamber at rated temperature in thermal steady state without charge not more than | ± °C | 1 |
| Temperature uniformity in working space at 300°C temperature in thermal steady state without charge not more than | ± °C | 4 |
| Oven working chamber dimensions: | | |
| width | mm | 1000 |
| depth | mm | 500 |
| height | mm | 860 |
| Outside dimensions: | | |
| width | mm | 1250 |
| depth | mm | 910 |
| height | mm | 1230 |
| Mass | kg | 155 |

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
- 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