

Low temperature oven **SNOL 420/300** is designed for thermal treatment of various materials up to 300°C. This electric oven is designed for treatments such as drying, heating, thermal testing, aging and similar purposes in an airflow environment. Forced air convection allows a homogeneous temperature distribution during the process, which ensures optimal results, moreover, good technical parameters ensure high-quality results. The oven can be used in scientific laboratories, educational institutions, medicine and industry.

DESCRIPTION

- ✓ Stainless steel (304) chamber,
- ✓ Adjustable forced horizontal air circulation,
- ✓ 3 stainless steel shelves,
- ✓ Insulation – rock wool (complete lack of asbestos),
- ✓ Outside casing – metal sheet, powder painted grey,
- ✓ Door opening to the right, inner door in stainless steel, silicon joint,
- ✓ Buzzer,
- ✓ OTP – non-adjustable over temperature protection,
- ✓ Control panel is placed in the underpart of the oven,
- ✓ Non-programmable temperature controller – Omron E5CC,
- ✓ Short heating up / cooling down period,
- ✓ 2 year warranty.

| Technical data | Units | Specifications |
|--|-------|-----------------------|
| 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 | - | Stainless steel (304) |
| Working chamber surroundings | - | Air (with air fan) |
| Shelves | - | 3/7 |
| Maximum heating- up time (without charge), | 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 rated temperature in thermal steady state without charge not more than | ±°C | 9 |
| Oven working chamber dimensions: | | |
| width | mm | 1000 |
| depth | mm | 500 |
| height | mm | 860 |
| Oven dimensions: | | |
| width | mm | 1200 |
| depth | mm | 905 |
| height | mm | 1200 |
| Mass (Netto) | kg | 178 |

CONTROL:

- ✓ Temperature measurement by thermocouple type "J".
- ✓ PID electronic regulator, double digital display reference temperature and measured temperature.
- ✓ Products are equipped with high-precision digital microprocessor Omron or Eurotherm temperature controllers fitted with self-tuning and manual PID settings. The customer can select a basic or programmable temperature controller, which offers up to 32 programming segments (rate of temperature rise or decrease control, maintenance of present temperature, automatic shutdown). A wide range of devices allows selecting the most appropriate controller for your process.
- ✓ SSR control unit.

SUPPLIED DOCUMENTS:

- ✓ Furnace and temperature controller instructions,
- ✓ Electric diagram

OTHERS:

- ✓ CE marked

PACKING:

- ✓ Wooden box

OPTIONS:

- ✓ Eurotherm 3216 (non-programmable)
- ✓ Eurotherm 3208 (programmable)
- ✓ Omron E5CC-T (programmable)
- ✓ PC connection and SNOL software
- ✓ OTP (over temperature protection, non-adjustable)
- ✓ OTP (over temperature protection, adjustable Eurotherm 3216i)
- ✓ OTP (over temperature protection, adjustable Omron E5GC)
- ✓ Timer (delayed furnace start)
- ✓ Gas injection system for Argon or Nitrogen (flowmeter, reducer and connections)+Semi-airtight chamber
- ✓ Additional hole with cover Ø50mm
- ✓ Semi-airtight chamber
- ✓ Window 258x200 mm
- ✓ Additional shelf
- ✓ Hardened shelf

WARRANTY:

- ✓ Two year limited warranty and later service for furnace.

COUNTRY OF ORIGIN:

- ✓ Lithuania (EU country)



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