Low temperature oven **SNOL 200/200** is designed for thermal treatment of various materials up to 200°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,
- ✓ Non-adjustable forced horizontal air circulation,
- ✓ 2 shelves,
- ✓ Insulation – rock wool (complete lack of asbestos),
- ✓ Outside casing – metal sheet, powder painted grey,
- ✓ Two doors opening to the sides, inner door in stainless steel, silicon joint,
- ✓ Control panel is placed on the right side of the oven,
- ✓ Non-programmable temperature controller – Omron E5CC,
- ✓ Short heating up / cooling down period,
- ✓ 1 year warranty.

Technical data	Units	Specifications
Useful volume	Liter	200
Rated power not more than	kW	2
Rated supply voltage	V	230
Rated frequency	Hz	50
Number of phases	-	1
Continuous operating temperature	°C	T+10-200
Maximum temperature	°C	200
Working chamber material	-	Stainless steel (304)
Working chamber surroundings	-	Air (with air fan)
Shelves	-	2/5
Maximum heating- up time (without charge),	Min.	45
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	10
Oven working chamber dimensions:		
width	mm	710
depth	mm	610
height	mm	460
Oven dimensions:		
width	mm	1040
depth	mm	780
height	mm	775
Mass (Netto)	kg	78

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.

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)
- ✓ Buzzer
- ✓ 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

SUPPLIED DOCUMENTS:

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

WARRANTY:

- ✓ One year limited warranty and later service for furnace
- ✓ Possibility to extend warranty for an additional 1 year

OTHERS:

- ✓ CE marked

COUNTRY OF ORIGIN:

- ✓ Lithuania (EU country)

PACKING:

- ✓ Wooden box

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