

Economical low temperature oven **SNOL 24/200** is designed for thermal treatment of various materials and parts up to 200°C. This electric oven is designed for thermal treatment such as drying, heating, thermal testing, aging and similar purposes in a natural air-flow environment. Good technical parameters ensure high-quality results. This oven can be used in scientific laboratories, educational institutions, medicine and industry.

#### DESCRIPTION

- ✓ Mild steel chamber,
- ✓ Heating from four sides,
- ✓ Natural air circulation without air fan,
- ✓ Insulation – rock wool (complete lack of asbestos),
- ✓ 2 shelves,
- ✓ Outside casing – metal sheet, powder painted grey,
- ✓ Door opening on the right, inner door in stainless steel, silicon joint,
- ✓ Control panel is placed in the underpart of the oven,
- ✓ Non-programmable temperature controller – Omron E5CC,
- ✓ Short heating up / cooling down period,
- ✓ Low electric power usage for increased energy efficiency,
- ✓ 1 year warranty.

Technical data	Units	Specifications
Useful volume	Liter	24
Rated power not more than	kW	1
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	-	Mild steel
Working chamber surroundings	-	Air (without air fan)
Shelves	-	2/2
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	15
Oven working chamber dimensions:		
width	mm	300
depth	mm	380
height	mm	200
Oven dimensions:		
width	mm	400
depth	mm	515
height	mm	410
Mass (Netto)	kg	18

**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)
- ✓ 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

**WARRANTY:**

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

**COUNTRY OF ORIGIN:**

- ✓ Lithuania (EU country)



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