

Top-loading (shaft) low temperature electric laboratory furnace **SNOL 75/550** is intended for drying, preliminary heating, hardening, loosening, normalising and other thermal processing up to temperature of 550°C. The furnace is an excellent fit for scientific laboratories, educational institutions, medicine and industry.

DESCRIPTION

- ✓ Stainless steel (304) chamber,
- ✓ Enclosed heating elements,
- ✓ Door opens from the top,
- ✓ Natural air circulation without air fan,
- ✓ Outside casing – metal sheet, powder painted grey,
- ✓ High quality, ecological thermal insulation material,
- ✓ Control panel is placed on the left side of the oven,
- ✓ Non-programmable temperature controller – Omron E5CC,
- ✓ High degree of accuracy,
- ✓ Low electric power consumption,
- ✓ 1 year warranty.

Technical data	Units	Specifications
Useful volume	Liter	75
Rated power not more than	kW	6
Rated supply voltage	V	400
Rated frequency	Hz	50
Number of phases	-	3
Continuous operating temperature	°C	T+10-550
Maximum temperature	°C	550
Working chamber material	-	Stainless steel
Working chamber surroundings	-	Air (without air fan)
Maximum heating- up time (without charge),	Min.	100
Temperature stability in working chamber at rated temperature in thermal steady state without charge not more than	±°C	5
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	340
depth	mm	390
height	mm	550
Oven dimensions:		
width	mm	870
depth	mm	660
height	mm	850
Mass (Netto)	kg	116

CONTROL:

- ✓ Temperature measurement by thermocouple type "K".
- ✓ 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)
- ✓ Buzzer
- ✓ Timer (delayed furnace start)

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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