![SNOL logo - PART OF UMEGA GROUP]

Top-loading (shaft) high temperature electric laboratory furnace **SNOL 10/900** is intended for drying, preliminary heating, hardening, loosening, normalising and other thermal processing up to temperature of 900°C. The furnace is an excellent fit for scientific laboratories, educational institutions, ceramic studios, medicine and industry.

DESCRIPTION

- ✓ Solid ceramic chamber,
- ✓ Enclosed heating elements,
- ✓ Outside casing – metal sheet, powder painted grey,
- ✓ Door opens from the top,
- ✓ Door safety interlock switch,
- ✓ Control panel is placed on the side of furnace,
- ✓ Non-programmable temperature controller – Omron E5CC,
- ✓ Ceramic bottom plates,
- ✓ Low electric power usage,
- ✓ High temperature inertness,
- ✓ High degree of accuracy,
- ✓ 1 year warranty.

Technical data	Units	Specifications
Useful volume	Liter	10
Rated power not more than	kW	4.5
Rated supply voltage	V	230
Rated frequency	Hz	50
Number of phases	-	1
Continuous operating temperature	°C	T+10-900
Maximum temperature	°C	900
Working chamber material	-	Ceramic
Maximum heating- up time (without charge),	Min.	120
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
Furnace working chamber dimensions:		
width	mm	190
depth	mm	210
height	mm	405
Furnace dimensions:		
width	mm	770
depth	mm	850
height	mm	1010
Mass (Netto)	kg	144

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)