SNOL
PART OF UMEGA GROUP

High accuracy electric fiber-insulated chamber furnace **SNOL 8/1600** is universal laboratory furnace, designed for materials testing, heat treatment such as hardening, loosening, normalizing, ceramic and stoneware samples firing up to 1600°C. The furnace is excellent fit for scientific laboratories, educational institutions, ceramic studios, medicine and industry.

DESCRIPTION
- ✓ Chamber made of HT fiber thermal insulation plates,
- ✓ Exposed heating element strips in two sides in the chamber,
- ✓ Outside casing – metal sheet, powder painted grey,
- ✓ Door opens to the right side,
- ✓ Door safety interlock switch,
- ✓ Control panel is on the left side,
- ✓ Non-programmable temperature controller – Omron E5CC,
- ✓ Ceramic bottom plate,
- ✓ Fast heating time due to low thermal mass construction,
- ✓ Low power consumption,
- ✓ Good stability and uniformity,
- ✓ 1 year warranty.

Technical data	Units	Specifications
Useful volume	Liter	8
Rated power not more than	kW	8
Rated supply voltage	V	400
Rated frequency	Hz	50
Number of phases	-	3
Continuous operating temperature	°C	T+10-1600
Maximum temperature	°C	1600
Working chamber material	-	HT fiber plates
Maximum heating- up time (without charge),	Min.	240
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	150
depth	mm	300
height	mm	150
Furnace dimensions:		
width	mm	620
depth	mm	620
height	mm	1420
Mass (Netto)	kg	170

CONTROL:

- ✓ Temperature measurement by thermocouple type "B".
- ✓ 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)