

High temperature horizontal electric tube furnace **SNOL 0.5/1250** is designed for materials heat treatment up to 1250°C. This model is reliable with robust ceramic chamber (tube). Furnace equipped with covers of tubes. Furnace can be used in laboratories, medicine, educational institutions, and industry.

### DESCRIPTION

- ✓ Ceramic tube chamber,
- ✓ Heating elements are on four sides around the tube,
- ✓ Outside casing – metal sheet, powder painted grey,
- ✓ Non-programmable temperature controller – Omron E5CC,
- ✓ High-quality, ecological thermal insulation material,
- ✓ Low power consumption,
- ✓ Short heating up/cooling down period,
- ✓ High degree of accuracy,
- ✓ 1 year warranty.

Technical data	Units	Specifications
Useful volume	Liter	0.39
Rated power not more than	kW	3.7
Rated supply voltage	V	230
Rated frequency	Hz	50
Number of phases	-	1
Continuous operating temperature	°C	T+10-1250
Maximum temperature	°C	1250
Working chamber material	-	Ceramic
Maximum heating- up time (without charge),	Min.	50
Temperature stability in working chamber at rated temperature in thermal steady state without charge not more than	± °C	2
Temperature uniformity in working space at rated temperature in thermal steady state without charge not more than	±°C	10
Furnace working chamber dimensions:		
depth	mm	200
diameter	mm	50
Furnace dimensions:		
width	mm	675
depth	mm	545
height	mm	565
Mass (Netto)	kg	38

**CONTROL:**

- ✓ Temperature measurement by thermocouple type "S".
- ✓ 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)
- ✓ Gas injection system for Argon or Nitrogen (flowmeter, reducer and connections)

**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)



Administrative address  
Umega Group, AB  
Metalo str.5, 28216 Utena  
Lithuania

Factory address  
Umega Group, AB, SnolTherm unit  
Plento str.3, 28104 Utena  
Lithuania

Tel. +370 389 54586  
sales@snoltherm.com  
www.snol.com

VAT code: LT263347219  
Company registration No. 126334727