

# *Thermal processing equipment for laboratories*



**SNOL**

*Customized for your hot innovations*

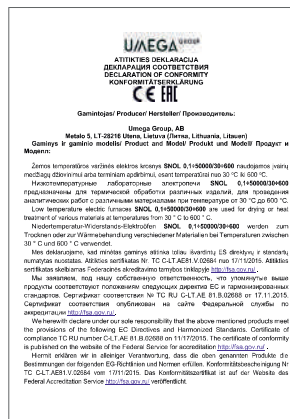
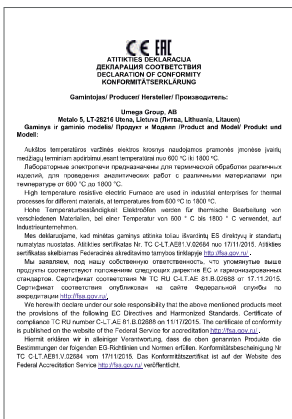
SnolTherm business unit has been producing heat treatment equipment for laboratory and industrial applications since 1960. SnolTherm business unit belongs to Umega Group, AB which is the largest metal processing company in the Baltic States and has more than 700 employees. The company pays particular attention to the product development by using advanced technologies and scientific innovations in order to meet individual user needs. Highly qualified personnel and premium materials result in high quality, reliability, and durability of our manufactured products. Due to the growing SNOL brand awareness, SnolTherm exports 90% of its production and is growing in sales in more than 70 countries, not only in European markets, but also in other regions such as Asia, the Middle East, Africa, North and South America.

## Main product lines:

- Laboratory Furnaces
- Laboratory Ovens
- Industrial Furnaces
- Industrial Ovens
- Custom-built Furnaces and Ovens
- Thermal insulation materials
- Storage constructions (Shelving systems and Pallet racks)

## SnolTherm advantages:

- Developed according to European standards – SNOL products bear the CE mark and the company's Quality Management System is certified by Bureau Veritas Quality International in compliance with ISO 9001:2015 / LST EN ISO 9001:2015 standards.
- We are one of the biggest manufacturers in the world, producing more than 4,000 units per year.
- Short lead time – we keep around 200 of our most popular products in stock.
- Durability – some of our customers have continuously used the same SNOL products for more than 50 years.
- If you require, we can manufacture products in compliance with AMS27025F or CQI-9 standards.
- Our team of professional engineers are always ready to offer customized solutions for your hot innovations!



# 3. Low temperature electric ovens

## 3.1 Chamber ovens up to 300 °C

Our New Line of laboratory ovens is designed by a group of professional engineers to be economical and made from high quality materials to be long-lasting. Forced air circulation allows a homogenous temperature distribution to be achieved and ensures optimal results for processes such as drying, heating, thermal testing and aging in an aired environment.



### Basic model

- OTP (over temperature protection)
- Chamber made from stainless steel
- Control panel is located at the top of the oven
- Controllable valve for air exchange in the chamber
- Door opens to the side
- Equipped with non-programmable controller Omron E5CC
- Forced horizontal air circulation
- Good stability and uniformity
- Hermetically sealed doors
- High degree of accuracy
- High quality, ecological thermal insulation material
- Low power consumption
- Outside casing – metal sheet, powder painted grey
- Shelves, 3 pcs. (except SNOL 20/300)
- Short heating up/cooling down period
- 2 year warranty

### Optional equipment:

- Programmable controller
- Fan speed controller
- Buzzer
- Outside casing made from stainless steel
- Calibration of temperature measurement system
- Data communication/USB
- Digital timer
- Additional shelves
- Reinforced shelves
- Metal tray
- Process observation window
- Table for supporting the oven

Model	Vol., l	Tmax, °C	Chamber dimensions, mm			Overall dimensions, mm			Power, kW	Voltage, V
			Width	Depth	Height	Width	Depth	Height		
<b>Up to 300 °C</b>										
SNOL20/300 NL	20	300	240	280	345	465	655	685	1.0	230
SNOL60/300 NL	60	300	380	370	420	630	755	775	2.0	230
SNOL120/300 NL	120	300	550	370	585	795	755	935	2.0	230
SNOL220/300 NL	220	300	735	470	620	980	845	970	4.0	230
SNOL420/300 NL	420	300	1000	470	860	1270	750	1210	6.2	400

# 3. Low temperature electric ovens

## 3.2 Chamber ovens up to 350 °C

Our low temperature laboratory ovens are designed by a group of professional engineers to be economical and made from high quality materials to be long-lasting. This ensures optimal results for thermal processing of various materials and parts up to a temperature of 350 °C. This line of products is an excellent fit for scientific laboratories, educational institutions, medicine and industry.

### SNOL 67/350 LSN11



#### Basic model

- Chamber made from stainless steel
- Control panel is placed in the underpart of the furnace
- Controllable valve for air exchange in the chamber
- Door opens to the side
- Equipped with non-programmable controller Omron E5CC
- Natural or forced air circulation depending on the model
- Good stability and uniformity
- Hermetically sealed doors
- High degree of accuracy
- High quality, ecological thermal insulation material
- Low power consumption
- Outside casing – metal sheet, powder painted grey
- Shelves, 3 pcs. (except SNOL 20/300)
- Short heating up/cooling down period
- 1 year warranty

#### Options

- Additional shelves
- Buzzer
- Calibration of temperature measurement system
- Data communication/USB
- Digital timer
- OTP (over temperature protection)
- Metal tray
- Outside casing made from stainless steel
- Process observation window
- Reinforced shelves
- Table for supporting the oven
- Additional 1 year warranty

Model	Vol., l	Tmax, °C	Chamber dimensions, mm			Overall dimensions, mm			Power, kW	Voltage, V	Weight, kg
			Width	Depth	Height	Width	Depth	Height			
<b>Up to 350 °C</b>											
SNOL 58/350 LSP11	58	350	390	375	360	670	615	580	2.0	230	40
SNOL 58/350 LSN11	58	350	390	375	360	670	615	580	2.0	230	40
SNOL 67/350 LSP01	67	350	390	445	390	670	615	580	2.0	230	37
SNOL 67/350 LSN01	67	350	390	445	390	670	615	580	2.0	230	37

# 3. Low temperature electric ovens

## 3.3 Chamber ovens up to 200 °C

Our low temperature laboratory ovens are designed by a group of professional engineers to be economical and made from high quality materials to be long-lasting. This ensures optimal results for thermal processing of various materials and parts up to a temperature of 200 °C. Optional forced air circulation (only in model SNOL 200/200) assures an even temperature distribution throughout the chamber and high quality thermal processing occurs quickly. This line of products is an excellent fit for scientific laboratories, educational institutions, medicine and industry.

SNOL 200/200 LSN11



### Basic model

- Chamber made from mild or stainless steel
- Control panel is placed in the underpart of the furnace
- Controllable valve for air exchange in the chamber
- Door opens to the side
- Equipped with non-programmable controller Omron E5CC
- Natural or forced air circulation depending on the model
- Good stability and uniformity
- Hermetically sealed doors
- High degree of accuracy
- High quality, ecological thermal insulation material
- Low power consumption
- Outside casing – metal sheet, powder painted grey
- Shelves, 2 pcs.
- Short heating up/cooling down period
- 1 year warranty

### Options

- Additional shelves
- Buzzer
- Calibration of temperature measurement system
- Data communication/USB
- Digital timer
- OTP (over temperature protection)
- Metal tray
- Outside casing made from stainless steel
- Process observation window
- Reinforced shelves
- Table for supporting the oven
- Additional 1 year warranty

Model	Vol., l	Tmax, °C	Chamber dimensions, mm			Overall dimensions, mm			Power, kW	Voltage, V	Weight, kg
			Width	Depth	Height	Width	Depth	Height			
<b>Up to 200 °C</b>											
SNOL 24/200 LSP01	24	200	300	380	200	400	515	410	2.0	230	18
SNOL 200/200 LSP11	200	200	710	610	460	1040	780	775	2.0	230	78
SNOL 200/200 LSN11	200	200	710	610	460	1040	780	775	2.0	230	78