

1. Low temperature electric oven

1.1 Chamber ovens

1.1.2. Chamber ovens up to 300 °C

A new range of laboratory ovens that are intended for the thermal processing of materials up to a temperature of 300 °C. Used for such processes as drying, heating, thermal testing, and aging in an air environment. Forced air circulation allows a homogenous temperature distribution to be achieved during all processes, which ensures optimal results.

Basic model

- Forced horizontal air circulation
- Valve control of air extraction (operated via front panel)
- Chamber made of stainless steel
- Hermetically closed doors
- Microprocessor-controlled thermoregulator
- Buzzer
- Protection against overheating
- Fan revolution controller
- Includes standard shelves
- High-quality, ecological thermal insulation material
- Low electric power usage
- Short heating up/cooling down period
- High degree of accuracy
- Exterior painted with powder coating (RAL 7035)
- 2 years guarantee

Options

- Economical version (Ec) without a fan speed controller and buzzer
- Supplemental shelves
- Reinforced shelves
- Metal tray
- Reinforced bottom
- Digital timer
- Data recorder
- Computer connection via RS232/RS-485/USB
- Calibration of temperature measurement system
- Furnace exterior made of stainless steel
- Table for supporting the furnace
- Process observation window



Model	Vol. L	T max C	Chamber dimensions, mm			Outside dimensions, mm			Power kW	Voltage V	Weight kg	Air flow	Number of shelves		Chamber material	
			W	D	H	W	D	H					set	max	sus	steel
Up to 300°C																
SNOL20/300 LSN11	20	300	240	280	340	460	680	640	1	230	34	/	2	5	/	
SNOL60/300 LSN11	60	300	380	380	420	600	760	720	2	230	50	/	3	7	/	
SNOL120/300 LSN11	120	300	550	400	580	750	780	880	2.2	230	70	/	3	7	/	
SNOL220/300 LSN11	220	300	730	500	620	930	880	915	4	230	102	/	3	7	/	
SNOL420/300 LSN11	420	300	1000	500	860	1200	930	1200	6.2	400	155	/	3	7	/	

1. Low temperature electric oven

1.1 Chamber ovens

1.1.3. Chamber ovens up to 350 °C

Economical low temperature electric ovens that are intended for the thermal processing of various materials and parts up to a temperature of 350 °C. The products can be used in scientific laboratories, educational institutions, medicine, and industry.

Basic model

- Natural or forced air circulation
- Regulated air intake and extraction
- Chamber made of mild or stainless steel
- Hermetically closed doors
- Microprocessor-controlled thermoregulator
- Includes standard shelves
- High-quality, ecological thermal insulation material
- Low electric power usage
- Short heating up/cooling down period
- High degree of accuracy
- Exterior painted with powder coating (RAL 7035)
- 1 year guarantee

Options

- Supplemental shelves
- Reinforced shelves
- Metal tray
- Reinforced bottom
- Digital timer
- Buzzer
- Protection against overheating
- Data recorder
- Computer connection via RS232/RS-485/USB
- Calibration of temperature measurement system
- Furnace exterior made of stainless steel
- Table for supporting the furnace
- Additional 1 year guarantee



SNOL 67/350 LSN01



SNOL 58/350 LSP11

Model	Vol. L	T max C	Chamber dimensions, mm			Outside dimensions, mm			Power kW	Voltage V	Weight kg	Air flow	Number of shelves		Chamber material	
			W	D	H	W	D	H					set	max	sus	steel
Up to 350°C																
SNOL58/350 LSN11	58	350	390	380	360	685	675	615	2	230	40	/	3	7	/	
SNOL58/350 LSP11	58	350	390	380	360	685	675	615	2	230	40	/	3	7		/
SNOL67/350 LSN01	67	350	390	445	390	685	625	615	2	230	40		3	7	/	
SNOL67/350 LSP01	67	350	390	445	390	685	625	615	2	230	40		3	7		/

1. Low temperature electric oven

1.2 Multi-chamber ovens

Multi-chamber low temperature electric ovens that are intended for the thermal processing, drying, preliminary heating, and other thermal processes of various materials and parts up to a temperature of 200 °C. The products can be used in scientific laboratories, educational institutions, medicine, and industry. Forced air circulation allows a homogeneous temperature distribution to be delivered during all processes, which ensures optimal results.

Basic model

- Within the carcass, two or four chambers made of mild or stainless steel are installed
- Within each chamber, a fan and ventilation hatches are installed
- Forced horizontal air circulation
- Hermetically closed doors
- Microprocessor-controlled thermoregulators for every chamber
- Includes standard shelves
- High-quality, ecological thermal insulation material
- Low electric power usage
- Short heating up/cooling down period
- High degree of accuracy
- Exterior painted with powder coating (RAL 7035)
- 1 year guarantee

Options

- Supplemental shelves
- Reinforced shelves
- Metal tray
- Reinforced bottom
- Digital timer
- Fan revolution controller
- Buzzer
- Protection against overheating
- Data recorder
- Computer connection via RS232/RS-485/USB
- Calibration of temperature measurement system
- Furnace exterior made of stainless steel
- Table for supporting the furnace
- Additional 1 year guarantee



Model	Vol. L	T max C	Chamber dimensions, mm			Outside dimensions, mm			Power kW	Voltage V	Weight kg	Air flow	Number of shelves		Chamber material	
			W	D	H	W	D	H					set	max	sus	steel
SNOL4x80/200 LSP18	4x80	200	500	400	400	1910	925	1950	24	400	440	/	1x4	7x4	/	/
SNOL4x80/200 LSN18	4x80	200	500	400	400	1910	925	1950	24	400	440	/	1x4	7x4	/	/
SNOL2x240/200LSP11	2x240	200	500	400	1200	1500	960	1715	24	400	440	/	2x2	7x2	/	/
SNOL2x240/200LSN11	2x240	200	500	400	1200	1500	960	1715	24	400	440	/	2x2	7x2	/	/

Technical data	SNOL 20/300	SNOL 60/300	SNOL 60/300	SNOL 120/300	SNOL 220/300	SNOL 420/300	
	LSN11	LSN11	LSN11E (economical version)	LSN11	LSN11	LSN11	
volume	20	60	60	120	220	420	
Exploitation class (EN60529)	IP20	IP20	IP20	IP20	IP20	IP20	
Rated power not more then kw	1	2	2	2.2	4	6.2	
Rated supply voltage, V	230	230	230	230	230	400	
Rated frequency, Hz	50	50	50	50	50	50	
Continuous operating temperature °C	Ambient +10 -300	Ambient +10 -300	Ambient +10 -300	Ambient +10 - 300	Ambient +10 -300	Ambient +10 -300	
Maximum temperature °C	300	300	300	300	300	300	
Working chamber material	SUS	SUS	SUS	SUS	SUS	SUS	
Working chamber surroundings	air (with hot air fan, adjustable)	air (with hot air fan, adjustable)	with hot air fan	air (with hot air fan, adjustable)	air (with hot air fan, adjustable)	air (with hot air fan, adjustable)	
Shelves number (standard/maximal)	2-7	3-7	3-7	3-7	3-7	3-7	
Non concentrated load of one shelf, kg	10	10	10	15	15	15	
Maximum heating- up time (without charge) up to 300°C, min	34	34	30	45	30	30	
Temperature stability in working chamber at rated temperature in thermal steady state without charge not more then ± °C	±0,3	±0,3	±1	±0,3	±0,3	±0,3	
Temperature uniformity in working space in thermal steady state without charge, ventilator work on max., not more then ±°C	@ 100	±1.1	±0.9	±0,9	±0.8	±1.3	±2.5
	@ 200	±1.7	±1.4	±1,4	±1.5	±2	±5.3
	@ 300	±2.3	±2.0	±2,0	±1.9	±2.5	±7.4
Oven working chamber dimensions: w * d * h (mm)	240x280x340	380x380x420	380x380x420	550x400x580	730x500x620	1000x500x860	
Outside dimensions: w*d*h (mm)	640x460x680	720x600x760	600x760x720	880x750x780	915x930x880	1200x1200x930	

Economical version - without buzzer and hot air fan controller (air flow goes in 100% power all the time)
SUS : Stainless steel

Technical data	SNOL 58/350 LSN11	SNOL 58/350 LSP11	SNOL 67/350 LSN11	SNOL 67/350 LSP11
volume	58	58	67	67
Exploitation class (EN60529)	IP20	IP20	IP20	IP20
Rated power not more than kw	2	2	2	2
Rated supply voltage, V	230	230	230	230
Rated frequency, Hz	50	50	50	50
Continuous operating temperature °C	Ambient +10 - 350	Ambient +10 - 350	Ambient +10 - 350	Ambient +10 - 350
Maximum temperature °C	350	350	350	350
Working chamber material	Stainless steel	Mild steel	Stainless steel	Mild steel
Working chamber surroundings	with hot air fan	with hot air fan	no air fan	no air fan
Shelves number (standard/maximal)	3-7	3-7	3-7	3-7
Non concentrated load of one shelf, kg	10	10	10	10
Maximum heating- up time (without charge) up to 300°C, min	30	30	30	30
Temperature stability in working chamber at rated temperature in thermal steady state without charge not more than ± °C	±1	±1	±1	±1
Temperature uniformity in working space in thermal steady state without charge, ventilator work on max., not more than ± °C	@ 300 ±2,5	±2,5	±14,0	±14,0
Oven working chamber dimensions: w * d * h (mm)	390x380x360	390x380x360	390x445x390	390x445x390
Outside dimensions: w*d*h (mm)	675x675x615	675x675x615	675x625x600	675x625x600