

1. High temperature electric furnaces

1.3 Furnaces with ceramic chambers

Highly accurate laboratory electric furnaces with solid ceramic chambers. The products are designed for hardening, loosening, normalising and other thermal processing to a temperature of 1300 °C. The furnaces include ceramic bottom plates. To eliminate gasses or smoke that are released during thermal processing, ventilation hole and an exhaust system may be supplementally installed in the products. The furnaces are an excellent fit for scientific laboratories, educational institutions, medicine and industry.

LSC01 SNOL 7,2/1100



SNOL 7,2/900 LSC01



Basic model

- Solid ceramic chamber
- Partially exposed heating elements (in 1100 °C max. and 1300 °C max. models)
- Enclosed heating elements (in 900 °C max. and 1200 °C max. models)
- Microprocessor-controlled thermoregulator (see page 14)
- Ceramic hearth plates
- High-quality, ecological thermal insulation material
- Low electric power consumption
- High temperature inertness
- High degree of accuracy
- Exterior painted with powder coating (RAL 7035)
- 1 year guarantee

Options

- Process observation window (Ø 35 mm) up to 1100 °C
- Fan-assisted chimney for forced air extraction
- Additional ceramic hearth plates
- Buzzer
- Digital timer
- Protection against overheating
- Data recorder
- RS232/RS-485/USB interface
- Calibration of temperature measurement system
- Table for supporting the furnace
- Additional 1 year guarantee

Model	Vol., l	Tmax, °C	Chamber dimentions, mm			Overall dimension, mm			Power, kW	Voltage, V	Weight, kg	Door opening		
			Width	Lenght	Height	Width	Lenght	Height				upwards	sideways	downwards
Up to 900°C														
SNOL 4/900 LSC01	4	900	120	295	100	440	560	500	3,7	230	55	○	●	○
SNOL 7,2/900 LSC01	7,2	900	200	300	130	440	575	540	3,3	230	50	○	●	○
SNOL 12/900 LSC01	12	900	210	300	180	560	700	740	4,5	230	120	○	●	○
SNOL 15/900 LSC01	15	900	210	410	160	560	800	740	6	400	130	○	●	○
Up to 1100°C														
SNOL 4/1100 LSC01	4	1100	120	295	100	440	560	500	3,7	230	55	○	●	○
SNOL 7,2/1100 LSC01	7,2	1100	200	300	130	440	575	540	3,3	230	50	○	●	○
SNOL 12/1100 LSC01	12	1100	210	300	180	560	700	740	4,5	230	120	○	●	○
SNOL 15/1100 LSC01	15	1100	210	410	160	560	800	740	6	400	130	○	●	○
Up to 1200°C														
SNOL 4/1200 LSC01	4	1200	120	295	100	440	560	500	3,7	230	55	○	●	○
SNOL 7,2/1200 LSC01	7,2	1200	200	300	130	580	750	690	3,5	230	104	○	●	○
SNOL 12/1200 LSC01	12	1200	210	300	180	560	700	740	4,5	230	120	○	●	○
SNOL 15/1200 LSC 01	15	1200	210	410	160	560	800	740	6	400	130	○	●	○
Up to 1300°C														
SNOL 4/1300 LSC01	4	1300	120	295	100	440	560	500	3,7	230	55	○	●	○
SNOL 7,2/1300 LSC01	7,2	1300	200	300	130	580	750	690	3,5	230	104	○	●	○
SNOL 12/1300 LSC01	12	1300	210	300	180	560	700	740	4,5	230	120	○	●	○
SNOL 15/1300 LSC01	15	1300	210	410	160	560	800	740	6	400	130	○	●	○