

2. High temperature electric furnaces

2.3 Furnaces with ceramic chambers

Highly accurate laboratory electric furnaces with solid ceramic chambers. The products are intended for hardening, loosening, normalising, and other thermal processing processes up to a temperature of 1300 °C. The furnaces include ceramic hearth plates. To eliminate gasses or smoke that are released during thermal processing, ventilation hatches 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.

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 usage
- High temperature inertness
- High degree of accuracy
- Exterior painted with powder coating (RAL 7035)
- Up to a 24 month guaranty period

- Computer connection via RS232/RS-485/USB
- Measuring device verification
- Table for supporting the furnace



SNOL 7,2/1100 LSC01



SNOL 15/1300 LHC01

Supplemental equipment

- Ventilation shaft at the end of the chamber
- Process observation window (Ø 35mm) up to 1100 °C
- Chimney for forced air extraction
- Supplemental ceramic hearth plates
- Audio signal
- Protection against overheating
- Data recorder



SNOL 7,2/1300 LSC01

Model	Vol., l	T _{max} °C	Chamber dimensions, mm			Overall dimensions*, mm			Power, kW	Voltage, V	Weight, kg	Door opening		
			Width	Length	Height	Width	Length	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 4/900 LZC01	4	900	120	295	100	440	615	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 LHC01	12	900	210	300	180	560	700	740	4,5	230	120	●	○	○
SNOL 15/900 LHC01	15	900	210	410	160	560	800	740	6	230	130	●	○	○
Up to 1100 °C														
SNOL 4/1100LSC01	4	1100	120	295	100	440	560	500	3,7	230	55	○	●	○
SNOL 4/1100 LZC01	4	1100	120	295	100	440	615	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 LHC01	12	1100	210	300	180	560	700	740	4,5	230	120	●	○	○
SNOL 15/1100 LHC01	15	1100	210	410	160	560	800	740	6	230	130	●	○	○
Up to 1200 °C														
SNOL 4/1200LSC01	4	1200	120	295	100	440	560	500	3,7	230	55	○	●	○
SNOL 4/1200 LZC01	4	1200	120	295	100	440	615	500	3,7	230	55	○	○	●
SNOL 7,2/1200LSC01	7,2	1200	200	300	130	580	750	690	4	230	104	○	●	○
SNOL 12/1200LHC01	12	1200	210	300	180	560	700	740	4,5	230	120	●	○	○
SNOL 15/1200LHC01	15	1200	210	410	160	560	800	740	6	230	130	●	○	○
Up to 1300 °C														
SNOL 4/1300LSC01	4	1300	120	295	100	440	560	500	3,7	230	55	○	●	○
SNOL 4/1300 LZC01	4	1300	120	295	100	440	615	500	3,7	230	55	○	○	●
SNOL 7,2/1300 LSC01	7,2	1300	200	300	130	580	750	690	4	230	104	○	●	○
SNOL 12/1300 LHC01	12	1300	210	300	180	560	700	740	4,5	230	120	●	○	○
SNOL 15/1300 LHC01	15	1300	210	410	160	560	800	740	6	230	130	●	○	○