

2. High-temperature electric furnaces

2.1 Chamber furnaces

High-accuracy industrial electric furnaces are suitable for hardening, stress relieving, normalising, and other thermal treatment processes up to 1300 °C. Furnaces are fitted with several door opening positions and equipped with ceramic or heat resistant steel hearth plates. Vents are provided in all products for removal of escaping gas or smoke during the thermal treatment process. The furnaces can be applied in metal, and other branches of industry.

Base model

- The chamber is made of thermal insulating blocks and bricks
- Replaceable heating elements on ceramic tubes or in channels
- Tightly sealed doors are opened to the right
- Vent on the top
- Microprocessor heating controller (see page 14)
- Protection against overheating
- Ceramic hearth plates
- High-quality and environmentally friendly thermal insulation material
- Low power consumption
- Short heating time
- High level of accuracy
- Exterior painted with powder paint (RAL 7035), black case
- 1 year guarantee

Optional equipment

- Door opens to the left
- Manual door lifting
- Electromechanical door lifting
- Turning platform for load transfer
- Reinforced bottom
- Heat resistant metal hearth plate up to 1150 °C
- Digital timer
- Data recorder
- Connection to computer via RS-232/RS-485/USB
- Calibration and maintenance of temperature measurement system
- Additional 1 year guarantee



SNOL 165/1200

Model	Capacity l	T _{max} °C	Chamber dimensions, mm			Overall dimensions*, mm			Power kW	Voltage V	Weight kg
			Width	Depth	Height**	Width	Length	Height			
1100 °C											
SNOL 70/1100	70	1100	510	550	350	1200	1210	1510	15	400	480
SNOL 450/1100	450	1100	600	750	1000	1500	1360	1800	30	400	850
SNOL 510/1100	510	1100	810	1500	480	1860	2160	1890	43	400	1270
SNOL 720/1100	720	1100	1000	1600	450	2060	2420	2050	50	400	1500
1200 °C											
SNOL 56/1200	56	1200	470	430	380	1300	1100	1400	10	400	340
SNOL 80/1200	80	1200	430	870	300	1400	1695	1600	15	400	735
SNOL 80/1200	80	1200	430	420	510	1230	1070	1640	10	400	350
SNOL 98/1200	98	1200	460	700	350	1400	1700	1800	21	400	980
SNOL 100/1200	100	1200	720	760	250	1570	1340	1500	21	400	500
SNOL 120/1200	120	1200	630	930	300	1670	1700	1640	20	400	705
SNOL 165/1200	165	1200	560	850	360	1800	1700	1800	25	400	830
SNOL 185/1200	185	1200	500	830	500	1100	1500	1640	37	400	600
SNOL 250/1200	250	1200	510	1000	530	1500	1900	1800	31	400	600
SNOL 288/1200	288	1200	620	1200	420	1800	2200	2000	31	400	1150
SNOL 360/1200	360	1200	620	1200	500	1800	2100	1800	36	400	1150
SNOL 430/1200	430	1200	620	1200	600	1700	2100	2000	36	400	1150
SNOL 510/1200	510	1200	810	1500	480	1860	2160	1750	43	400	1270
SNOL 540/1200	540	1200	970	1200	530	2057	2360	1800	50	400	1650
SNOL 610/1200	610	1200	900	1200	550	1700	2000	1700	50	400	1750
SNOL 1024/1200	1024	1200	980	1800	800	1820	2800	2200	75	400	2560
1300 °C											
SNOL 56/1300	56	1300	470	430	380	1300	1100	1400	7	400	340
SNOL 72/1300	72	1300	450	600	300	1355	1610	1500	15	400	570
SNOL 120/1300	120	1300	630	930	300	1670	1700	1640	20	400	705
SNOL 128/1300	128	1300	460	820	410	1430	1640	1800	20	400	600
SNOL 360/1300	360	1300	620	1230	510	1770	2110	1980	36	400	1150
SNOL 450/1300	450	1300	600	750	1000	1520	1400	1800	30	400	850

* Overall dimensions can be adjusted

** Dimension without hearth plate

Note: Chamber dimensions can be adjusted subject to customer requirements when ordering