SNOL 1100°C - 1300°C Chamber Furnace Range

Stock No	NEW074
Manufacturer	SNOL
Model	LSF01
Condition	Brand New
Internal Size (WxDxH mm)	Various
Max Temp	1100°C, 1200°C, 1300°C

Description

SNOL 1100°C - 1300°C Chamber Furnace Range Furnace Range

These electric furnaces ovens are designed for material testing and heat treatment such as hardening, loosening, normalising ceramic and stoneware samples.

Available in a range of sizes and maximum temperatures between 1100°C and 1600°C these furnaces can be used in scientific laboratories, educational institutions, medicine and industry.

SNOL - a leading thermal engineering manufacturer

SNOL is one of the *leading laboratory furnace manufacturers* in the world. The company is based in Lithuania with subsidiaries in Germany and Ukraine.

Founded in 1960 SNOL and is part of the Baltic State's largest metal processing group, employing over 700 people. 90% of production is exported from Lithuania into 40 countries in Europe and worldwide.

Riley Surface World and SNOL is a unique partnership. It combines Europe's finest industrial and laboratory oven manufacturer with a UK company renowned for its high levels of industry knowledge, service and technical support.

SNOL chamber furnaces are *available from stock* or by special order, depending on requirements for temperature, size and metal treatment process.

Applications

The SNOL LSF01 Range is a compact laboratory chamber furnace, suitable for applications in both the laboratory and light industry setting. It is especially useful when multiple or larger test samples are required. These models are particularly suitable for ceramics processing.

Designed for materials testing, heat treatment such as hardening, loosening, normalizing, ceramic and stoneware samples firing up to 1600°C. The furnace is excellent fit for scientific laboratories, educational institutions, ceramic studios, medicine and industry.

Features Include

- 1100°C, 1200°C, 1300°C or maximum operating temperature
- 8 - 80 litre chamber volumes
- Heating elements in the grooves in three sides of the chamber
- Fast heating time due to low thermal mass construction
- Low power consumption
- Good stability and uniformity
- Equipped with non-programmable controller Omron ESCC
- Chamber made of HT fiber thermal insulation plates
- High quality thermo insulation materials used throughout
- Door safety interlock switch
- Ceramic hearth plate
- Right opening hermetically sealed door
- Over heat protection system
- The external construction is clad in mild steel sections, with a powder painted exterior
- 1 year warranty

Available Options

- Additional ceramic bottom plates
- Buzzer
- Calibration of temperature measurement system

- Data communication/USB
- Data recorder
- Digital timer
- Fan-assisted chimney for air extraction
- Gas box up to 1100°c
- Metal tray
- Process observation window (0 35 mm) up to 1100 °C
- Protective gas injection system (nitrogen or argon)
- Table for supporting the furnace
- Additional 1 year warranty

Image: Chamber Furnace Range

Available Sizes

Model	Temp °C	Size	Internal (WxDxH)
SNOL 30/1100 LSF01	1100	30 litres	300mm x 405mm x 275mm
SNOL 80/1100 LSF01	1100	80 litres	300mm x 405mm x 600mm
SNOL 40/1200 LSF01	1200	40 litres	295mm x 420mm x 295mm
SNOL 45/1200 LSF01	1200	45 litres	290mm x 375mm x 450mm
SNOL 30/1300 LSF01	1300	30 litres	200mm x 440mm x 290mm

Fully Factory Assembled and Fested

The equipment is fully factory tested and adjusted prior to shipment from the manufacturer. All safety interlocks are checked for proper operation and the equipment is operated at its maximum operating temperature for a test period. If a temperature uniformity profile test and certification is purchased, the profile test will be performed and documented prior to shipment.

Customers are invited and encouraged to visit our site to witness testing and sign off the equipment prior to shipment. During this visit, personnel are available to demonstrate, and answer any questions you may have concerning design, operation, and maintenance.

Photographs taken prior refurbishment. Our refurbishment service is not available on all machines.