

SNOL 350°C Industrial Oven Range



Stock No

Manufacturer

Condition

Internal Size (WxDxH mm)

Max Temp

[NEW070](#)

[SNOL](#)

Brand New

Various

350°C

Description

SNOL 350°C High Temperature Oven Range

These industrial batch ovens are ideal for thermal processing, drying, where tighter temperature tolerances or quicker heat-up times are required.

Designed to operate up to 350°C these ovens have excellent performance and reliability. Well insulated and with good airflow these ovens offer temperature stability and uniformity suitable for a wide range of manufacturing processes.

Control of temperature is achieved via an Omron programmable controller coupled with a Solid State Relay and Eurotherm Over Temperature protection.

SNOL - a leading thermal engineering manufacturer

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Machine Datasheet



SNOL is one of the *leading industrial oven 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 industrial ovens are *available from stock* or by special order, depending on requirements for temperature, size and metal treatment process.

Applications

The industrial batch oven is ideal for thermal processing, drying, where tighter temperature tolerances or quicker heat-up times are required. In addition to finishing applications the industrial batch oven can be used for the following applications:

- Adhesive curing
- Baking
- Bonding
- Drying
- Epoxy curing
- Metal finishing
- Preheating
- Varnish curing
- Wet paint curing

Standard Features

The industrial batch oven is manufactured with all the same quality features as SNOL's other larger and higher temperature batch ovens ([650°C High Temperature Oven Range](#)) and is competitively priced with quick delivery times.

- 350°C maximum temperature rating
- High volume airflow for excellent uniformity & heating rates
- Excellent performance and reliability (steady state without charge $\pm 2^{\circ}\text{C}$ with charge $\pm 5^{\circ}\text{C}$)
- Temperature stability in the working chamber at rated temperature in thermal steady state, without charge, not more than $\pm 1^{\circ}\text{C}$
- Temperature uniformity in working space at rated temperature in thermal steady state, without charge, not more than $\pm 5^{\circ}\text{C}$
- Adjustable pattern return air ductwork for consistent heat distribution
- Combination airflow through the work chamber
- Rear mounted recirculation fan
- 3 phase + Neutral power
- Mineral insulated metal sheathed elements
- Fresh air and exhaust vents

- Micro processor Omron E5CC Programmable Temperature controller
- Solid State Relay (SSR) heating power control for close control of the heating profile
- Eurotherm 3216I Over Temperature Protection
- Heavy duty adjustable door hinges
- The external construction is clad in mild steel sections, with a powder coated exterior
- Interior construction Mild Steel
- Twin shelves supplied with 5 shelf runners
- Good temperature uniformity
- Door limit switch to shut heat off when door opens to protect the operator
- 1 year manufacturer warranty

Available Options

- Digital process timer with auto-shutdown feature
- Programmable controller to store multiple recipes with multiple ramp/soak segments
- Temperature recorder or data logger
- [650°C High Temperature Oven Range](#)

Image: 300 Industria Oven Range

Available Sizes

Model	Temp °C	Size	Internal (WxDxH)
SNOL 125/350	350	125 litres	500mm x 500mm x 500mm
SNOL 250/350	350	250 litres	500mm x 500mm x 1000mm
SNOL 420/350	350	420 litres	700mm x 600mm x 1000mm
SNOL 500/350	350	500 litres	700mm x 700mm x 1000mm
SNOL 600/350	350	600 litres	800mm x 800mm x 1000mm
SNOL 700/350	350	700 litres	800mm x 900mm x 1000mm
SNOL 800/350	350	800 litres	900mm x 900mm x 1000mm
SNOL 970/350	350	970 litres	900mm x 900mm x 1200mm
SNOL 1500/350	350	1500 litres	900mm x 900mm x 1500mm
Custom	350	To suit your requirements	

Combination Horizontal Airflow Benefits

As a standard, industrial batch ovens are designed to provide a combination horizontal air flow pattern through the work



chamber. These include fully adjustable return vents to ensure even airflow distribution throughout the work chamber. With combination air flow, the return ducts located on both side walls (running from the very front to the very back of the work chamber). This allows uniformity to be maintained whatever the combination and shape of the work placed within it. The air is then returned to the heating plenum through a return duct located behind the work chamber where it is reheated and returned to the chamber.

Fully Factory Assembled and Tested

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.

Technical Specifications:

Temperature range max 350°C

Chamber Material Stainless steel

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