

Riley 50 Litre 300°C Superior Laboratory Oven



Stock No	OY1979
Manufacturer	Riley
Model	GPS-50-SS-F30-DIG
Year of Manufacture	2019
Serial	19 F 025
Condition	Ex demonstration, Current Model, Seen powered at RSW
Internal Size (WxDxH mm)	490 x 315 x 325
Max Temp	300°C
Other Info	Cosmetically Damaged but Fully Working
Location	Our Central Warehouse, Aldridge, UK
Weight (kgs)	50 kg
External Dimensions (WxDxH mm)	590 x 422 x 625

Description

This Riley oven is a general purpose oven capable of a wide range of industrial and laboratory applications. "British Made" and CE Marked this oven is built to a high standard with stainless steel interiors capable of temperatures from 50°C to 300°C.

Flexible and accurate digital controls and low temperature fluctuation make this oven suitable for drying, heating and general use. The oven includes fan-assisted air circulation.

The exterior powder coat paint finish is durable and easy to clean and is manufactured from sheet steel.

The interior stainless steel chamber is suitable for most processes, especially where moisture is involved. A top vent is fitted to release fumes and moisture or to act as an access port for thermometers and monitoring probes. Chrome plated steel wire shelves are supported on ladder shelf supports so can be adjusted to several positions.

A clean interior finish is completed with sheathed heating elements and fan fitted in the base of the chamber.

The door and chamber are fitted with silicone seals for excellent insulation from heat and are easy to clean.

Control is via an PID digital controller, calibrated thermostats and overheat safety protection.

Superior Oven vs Standard Oven

The superior oven models have the following upgrades over the [standard oven range](#)

- Temperatures up to 300°C (vs up to 250°C)
- Stainless Steel Chamber (vs Aluminium clad steel chamber)
- Shelf support ladders at 50mm centers (vs fixed shelf supports) for more flexibility

Benefits

- Wide temperature and application range
- Fast even tempering with good control
- Easy to clean, high quality construction for laboratory or factory use
- Part exchange against used surface machinery you no longer need
- Guaranteed buy back

Accurate and Flexible Control

Riley ovens are fitted with a PID digital controller from Eurotherm (model P116). This easy to use HMI based controller includes:

- High visibility three colour LED display
- Ramp-soak timer and soft start
- Overshoot elimination
- Energy usage estimation
- Heater failure detection
- Digital setpoint retransmission
- Analogue retransmission
- Recovery point "undo" function
- Configuration adaptor

Warranty

These ovens come with a 1 year parts and labour warranty and a 3 year parts warranty

Demonstration Area & Showroom

Riley Surface World's showroom and demonstration area has a full range Ovens on display for you to see and explore. Based in Aldridge our 5,000m² warehouse has 500+ surface finishing machines. We welcome visitors, please contact us to [book an appointment](#).

Applications

These ovens are suitable for a wide range of laboratory and industrial applications

- General engineering & thermal processing
- Research
- Electronics / Semiconductor
- Plastics / composites
- Human / veterinary medicines

Technical Features

- High quality, CE marked, electric laboratory ovens
- Temperatures range from 50°C to 300°C
- 50 litre
- Fan-assisted air circulation
- 316 grade stainless steel chamber
- PID Digital dual display controller
- Independent overheat safety thermostat
- Powder coated sheet steel exterior
- Top vent/access port
- 2 chrome plated steel wire shelves
- Shelf support ladders at 50mm centers
- Silicone door and chamber seals
- CE marked
- Full 12 months parts & labour warranty

Part Exchange Available

All our new, and second hand, stock can be exchanged against any surface treatment machines you have unused in our warehouse. Please contact us to [discuss your part exchange](#) requirements.

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

The Marketplace for Surface Technology.
New and Used Process Equipment & Machinery.
Machine Datasheet



Surface
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Association

Riley Industries Ltd
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