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Riley Thermal World 300°C 750 Litre Heavy Duty Vertical Oven



Stock Code: OA2178

Manufacturer: Riley Thermal World

Model: HDV-750-CLAD-300-DIG

Year of Manufacture: 2021

Serial: 21 D004

New or Used: New

Internal Size (WxDxH mm): 785 x 900 x 970

Max Temp: 300°C

Weight: 214

External Dimensions (WxDxH): 950 x 1150 x 1420mm

These Riley Thermal World ovens are a general purpose oven capable of a wide range of industrial and laboratory applications. "British Made" and CE Marked the ovens are 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 these ovens suitable for drying, heating and general use. The ovens include fan-assisted air circulation.

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



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The interior stainless steel chamber is suitable for most processes, especially where moisture is involved. A rear 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.

To 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.

Heavy Duty Oven vs Standard Oven

The heavy duty oven models have the following upgrades over the standard oven range

Larger physical size
Heavy duty hinges
Heavy duty door latch
Stainless Steel Chamber (vs Aluminium clad steel chamber)

Also available, at smaller sizes, is the 300°C Superior Laboratory Range.

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 Thermal World 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 Thermal World Ovens on display for you to see and explore. Based in Birmingham our 5,000m² warehouse has 500+ surface finishing machines. We welcome visitors, please contact us to book an appointment.

Models

Model

Size

Internal Dimensions
(WxDxH mm)



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Shelves

Power at 250°C
(watts)

HDV-OV-750-F-300-DIG-SS

750 litres

785 x 900 x 970

5 (7 positions)

6000

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 200 litre to 1000 litre models Fan-assisted air circulation 316 grade stainless steel chamber PID Digital dual display controller Independent overheat safety thermostat Powder coated sheet steel exterior Top or rear vent/access port 3-5 chrome plated steel wire shelves 4-10 positions of fixed shelf runners Silicone door and chamber seals CE marked Full 12 months parts & labour warranty External sizes 950 x 1150 x 1420mm Internal sizes 785 x 900 x 970mm 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.

View Riley Thermal World 300°C 750 Litre Heavy Duty Vertical Oven on our web site at

<https://www.rileysurfaceworld.co.uk/machines/30300.htm>

PHOTOGRAPHS TAKEN PRIOR TO REFURBISHMENT.