

Laboratory drying ovens

L SERIES **H** SERIES **Q** SERIES

EN 932-5 | ASTM C127 | ASTM D1559 | ASTM D698 | ASTM D558 | ASTM D1557 | EN 1097-5 | ASTM C136 | ASTM D559 | ASTM D560 | BS 1924:1
 *H and Q Series only

Specifically designed to withstand the rigours of any civil engineering testing laboratories, our new ovens are invaluable for sample preparation and conditioning of construction materials, such as cement, concrete, asphalt, bitumen, rock, soil and aggregate at an even and controlled temperature, essential for the delivery of consistent and repeatable results.

Temperature control ranges from ambient to 200°C and is regulated via a thermoregulator with a digital display. All our ovens are equipped with mechanical safety thermostats that prevent overheating.

L and H series ovens benefit from strong zinc-coated steel internal and external walls, insulated with mineral wool and stainless steel front frame and access door. This sturdy construction is not only durable but, importantly, ensures that heat is stable and evenly distributed, delivering uniform and consistent sample drying and conditioning. Safety and user-comfort are also paramount — now shallower, our ovens are safe and easier to load and unload.

The Q series builds on the H series to include internal stainless steel walls with linen-patterned stainless steel front frame and door.

All our drying ovens feature forced convection airflow with base-positioned fans for excellent air and temperature distribution (except 100 l model of L series).

All models are supplied complete with two extractable grid shelves.

Benefits

- Reduced internal depth for improved operator's comfort and safety
- Temperature from ambient to 200°C
- Exhaust holes for fast cooling
- High uniformity and precision temperature on 9 different points (8 at the corners, 1 central) strictly conforming to Standards "for H and Q series"
- Temperature control via thermoregulator with digital display
- Mechanical safety thermostat to prevent overheating
- Digital PID temperature control system for H & Q series
- Sturdy industrial hinges and handles

Our range

L Series

General purpose entry models with 100, 250 and 450 liter capacity.

H Series

High precision oven with digital PID temperature controls system. Fully conform to the main international standards.

Q Series

Premium range with stainless steel internal walls resistant to scratches and shocks. Deluxe 780 liter model available.



10-D1390/10H,
10-D1390/25H
and 10-D1390/45H

Safety thermostat prevents overheating

Reduced internal depth for easy access

Specifications

L SERIES

Forced convection laboratory ovens with thermoregulator ON/OFF.

100 liters

10-D1390/10L
230V/50–60Hz. 1Ph.

10-D1390/10LZ
110V/60Hz. 1Ph.

250 liters

10-D1390/25L
230V/50–60Hz. 1Ph.

10-D1390/25LZ
110V/60Hz. 1Ph.

450 liters

10-D1390/45L
230V/50–60Hz. 1Ph.

10-D1390/45LZ
110V/60Hz. 1Ph.

H SERIES

High precision oven with digital PID temperature control system. Fully conforming to the main international Standards.

100 liters

10-D1390/10H
230V/50–60Hz. 1Ph.

10-D1390/10HZ
110V/60Hz. 1Ph.

250 liters

10-D1390/25H
230V/50–60Hz. 1Ph.

10-D1390/25HZ
110V/60Hz. 1Ph.

450 liters

10-D1390/45H
230V/50–60Hz. 1Ph.

10-D1390/45HZ
110V/60Hz. 1Ph.

Q SERIES

High-precision oven with digital PID temperature control system. Stainless steel internal lining. Fully conforming to the main international Standard.

100 liters

10-D1390/10Q
230V/50–60Hz. 1Ph.

10-D1390/10QZ
110V/60Hz. 1Ph.

250 liters

10-D1390/25Q
230V/50–60Hz. 1Ph.

10-D1390/25QZ
110V/60Hz. 1Ph.

450 liters

10-D1390/45Q
230V/50–60Hz. 1Ph.

10-D1390/45QZ
110V/60Hz. 1Ph.

780 liters

10-D1398
380V, 50–60Hz. 3 Ph.

10-D1398/Z
220V, 60Hz. 3 Ph.

Accessories

10-D1390/G10

Spare grid shelves for 10-D1390/10x series

10-D1390/G25

Spare grid shelves for 10-D1390/25x series

10-D1390/G45

Spare grid shelves for 10-D1390/45x series



Control Panel of the Q Series

Temperature control ranges from ambient to a maximum of 200°C and is regulated via a thermoregulator with digital display.

Contact Us

www.controls-group.com

CONTROLS GROUP

Controls Group

T +39 02 92184 1

F +39 02 92103 333

E sales@controls-group.com

www.controls-group.com

Italy (HEAD OFFICE)

www.controlsitalia.it

Mexico

www.controls.com.mx

UK

www.controlstesting.co.uk

Australia

www.controls-group.com

Poland

www.controls.pl

USA

www.controls-usa.com

France

www.controls.fr

Spain

www.controls.es