

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

Laboratory Drying Ovens

EN 932-5 | ASTM C127 | ASTM D1559 | ASTM D698 | ASTM D558 | ASTM D1557 | EN1097-5 | ASTM C136 | ASTM D559 | ASTM D560 | BS 1924:1

Specifically designed to withstand the rigors 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.

Precise Temperature Control

All our ovens are equipped with mechanical safety thermostats that prevent overheating. Our new Q series use a thermoregulator with digital display to deliver temperatures ranging from ambient to 300°C.

Sturdy Construction

Our ovens are made of strong materials ensuring that heat is evenly distributed and the drying and conditioning of samples, always consistent.

- External walls made of steel coated with strong zinc (L & Q series)
- Internal walls coated with zinc (L & H series)
- Stainless steel internal and external walls (Q series)
- Stainless steel front frame and access door (all series).

Safety and User-comfort

Now shallower, our ovens are safe and easier to load and unload. All our drying ovens feature forced convection airflow with base-positioned fans for excellent air and temperature distribution (except 100 liter model of L series).

All models are supplied with two extractable grid shelves.

Our Ovens at a Glance

- High uniformity and precision temperature on 9 different points (8 at the corners, 1 central) strictly conforming to Standards (H & Q series)
- Each shelf can support an evenly distributed 30/40 kg
- Maximum 200°C for L & H Series and 300°C for Q series
- Exhaust holes for fast cooling
- Reduced internal depth for improved operator's comfort and safety
- Stainless steel front frame and door
- Temperature control via thermoregulator with digital display



Our Range

L Series

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

H Series

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

Q Series

Premium range with stainless steel internal and external walls and maximum temperature of 300°C. Deluxe 780 liter model available (max 200°C).



Specifications

L SERIES

Forced convection laboratory ovens with ON/OFF thermoregulator. Zinc-stainless steel coated internal walls. Supplied with two shelves. Fully conforming to the main international Standards.

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

Same as L Series but fitted with high precision digital PID temperature control system.

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

Same as H Series but completely made it of stainless steel.

250 liters
10-D1390/25Q3
230V/50–60Hz. 1Ph.
10-D1390/25QZ3
110V/60Hz. 1Ph.

450 liters
10-D1390/45Q3
230V/50–60Hz. 1Ph.
10-D1390/45QZ3
110V/60Hz. 1Ph.

780 liters
10-D1398
380V, 50–60Hz. 3 ph.
10-D1398/Z
220V, 60Hz. 3 ph.

MODELS	10-D1390/10L 10-D1390/10H	10-D1390/25L 10-D1390/25H 10-D1390/25Q	10-D1390/45L 10-D1390/45H 10-D1390/45Q	10-D1398
Nominal Capacity	100 l	250 l	450 l	780 l
Maximum Temperature	200°C	200°C – 300°C for Qseries	200°C – 300°C for Qseries	200° C
Air Convection	Forced (natural only for 10-D1390/10L)	Forced	Forced	Forced
Maximum No. of Shelves*	2	4	6	8
Rated Power	1300 W	2000W 2500W for Qseries	2500W 3500W for Qseries	4200 W
Internal dim. (WxDxH, mm)	440 x 461 x 492	671 x 571 x 638	761 x 621 x 958	810 x 800 x 1200
External dim. (WxDxH, mm)	722 x 623 x 750	953 x 733 x 890	1043 x 781 x 1210	1235 x 1180 x 1450
Weight (kg)	60	80	120	200

*2 included

Accessories

10-D1390/G10
Spare grid shelves for 10-D1390/10x series

10-D1390/G45
Spare grid shelves for 10-D1390/45x series

10-D1390/G25
Spare grid shelves for 10-D1390/25x series

10-D1390/G
Exhaust system for D1390/xxx.

CONTROLS

Italy (HEAD OFFICE)
t +39 02 92184 1
f +39 02 92103 333
e sales@controls-group.com
www.controls-group.com

France
info-fr@controls-group.com

Mexico
info-mx@controls-group.com

Poland
info-pl@controls-group.com

UK
info-uk@controls-group.com

Spain
infosp@controls-group.com

USA
info-usa@controls-group.com