### CONSTRUCTION MATERIALS TESTING SOLUTIONS

# Laboratory drying ovens Leries Heries Queries



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 I model of L series).

All models are supplied complete with

two extractable grid shelves.

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

### **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

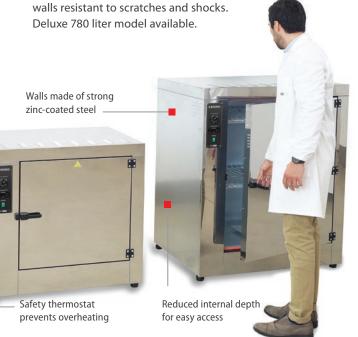
Premium range with stainless steel internal

### Our range

#### **L Series**

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

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



## **Specifications**



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.

### 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, 50-60H. 3 Ph.

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

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

## **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

### Contact Us

### **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

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#### France

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#### Spain

www.controls.es