



IF IT'S WORTH BUILDING, IT'S WORTH TESTING

Contents

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This wishlist was generated on 05/06/2018, and contains the following Products:

[39-1300/01](#)

Humidity Cabinet 320 Litre Capacity Compliant to EN196 and EN459-2

[39-1600/01](#)

Humidity Cabinet BS EN 150 Litre Capacity 50Hz

[39-1601/01](#)

Humidity Cabinet ASTM 150 Litre Capacity



Humidity Cabinet 320 Litre Capacity Compliant to EN196 and EN459-2

Code: 39-1300/01

Product Group: Humidity Cabinet BS EN, Prism
Moulds and Inserts

This cabinet has a stainless steel interior and it is fitted with adjustable shelves. It also has sealed chambers making it suitable for humidity's up to 98%. This can have an outer door heater to demist the inner toughened glass viewing door. Two 12 mm access ports are provided as standard.

Monitoring and control of both heating and cooling functions are performed with great accuracy, and achieves typical temperature stability of $\pm 0.5^{\circ}\text{C}$. The LED digital display allows the temperature performance to be easily verified. A digitally set over temperature safety cut-out is fitted to all models.

For 220 - 240 V AC, 50 Hz, 1 ph.

Standards

EN 196-1, EN 459-2

Further Information

****NOT AVAILABLE FOR SALE IN THE USA****

10 Reinforced Shelves and Circular Chart Recorder

Specification

Capacity	320 litres
Dimensions External, Internal	660 x 635 x 1745 mm, 490 x 510 x 1275 mm
Temperature Range	$+5.0^{\circ}\text{C}$ to $+50^{\circ}\text{C}$
Fluctuation (better than)	$\pm 0.2^{\circ}\text{C}$
Variation (better than)	$\pm 0.5^{\circ}\text{C}$
Recorder:	7 day,
Electronic data logger,	$0 - 50^{\circ}\text{C}$,
Temperature,	$0 - 98\% \text{ RH}$
Humidity	
Rated power	850 Watt
Number of shelves	10

Product Sheet

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Weight

200 kg

Accessories



Data Logger for Humidity Cabinet to EN 196 320 Litre capacity

Code: [39-1300/24](#)

Alternatives



Humidity Cabinet BS EN 150 Litre Capacity 50Hz

Code: [39-1600/01](#)



Humidity Cabinet BS EN 150 Litre Capacity 50Hz

Code: [39-1600/01](#)

Product Group: [Humidity Cabinet BS EN](#)

- Micro-processor controller for temperature and humidity for precise and reliable control
- Stainless Steel interior with adjustable shelves
- CFC-free polyurethane insulation to provide efficient thermal stability
- 12mm access port

Prior to testing, EN 196 requires prisms to be cured for a period of at least 24 hours at $20 \pm 1^\circ\text{C}$, 90 % RH minimum. The prisms are then de-moulded and stored under water for the required curing time, usually 48 hours, 72 hours, 7 and 28 days.

The Humidity Cabinet is built to a high specification and is designed for the early curing of mortar prisms prior to storing under water. Relative humidity up to 98%.

Please note 39-1300/24 Digital Reorder is required with the cabinet.

Specification

Temperature Range	+5 °C to 60 °C
Temperature Control	0.2 °C at 20°C
Temperature Variation	± 0.5 °C at 20°C
Humidity Range	0-98%
External Dimensions (mm)	1075 × 635 × 660
Internal Dimensions (mm)	590 × 510 × 490
Shelves	4 Holds 6 x 39-1100 moulds
Shelf Capacity	15 kg
Input Power	800 Watt
Weight	100kg

Accessories



Data Logger for Humidity Cabinet to EN 196 320 Litre capacity

Code: [39-1300/24](#)

Spares/Consumables



Spare shelf for Humidity Cabinets

Code: [39-1300/23](#)

Alternatives



Humidity Cabinet 320 Litre Capacity Compliant to EN196 and EN459-2

Code: [39-1300/01](#)



Humidity Cabinet to EN196 320 Litre Capacity with Digital Data Recorder

Code: [39-1300/06](#)



Humidity Cabinet ASTM 150 Litre Capacity

Code: [39-1601/01](#)

Product Group: [Humidity Cabinet ASTM](#)

- Complete with temperature and Digital Data Recorder
- Micro-processor controller for temperature and humidity for precise and reliable control
- Stainless Steel interior with adjustable shelves
- CFC-free polyurethane insulation to provide efficient thermal stability
- 12mm access port
- 4 trays are included, but cabinet can fit 6 tray

Prior to testing, ASTM C109 requires prisms to be cured for a period of at least 24 hours at 23°C ±2°C, 95 % RH minimum. The prisms are then de-moulded and stored under water for the required curing time, usually 48 hours, 72 hours, 7 and 28 days.

The Humidity Cabinet is built to a high specification and is designed for the early curing of mortar prisms prior to storing under water. Relative humidity up to 98%.

Standards

ASTM C109, ASTM C511

Further Information

for 220-240 V AC 50 Hz 1ph

Specification

Temperature Range	+5 °C to 60 °C
Temperature Control	0.2 °C at 20°C
Temperature Variation	± 0.5 °C at 20°C
Humidity Range	0 to 98%
External Dimensions (mm)	1075 × 635 × 660
Internal Dimensions (mm)	590 × 510 × 490
Shelves	4 - Holds 6 x 39-1100 moulds
Shelf Capacity	15kg
Input Power	800 Watt
Weight	100 kg

Spares/Consumables



Spare shelf for Humidity Cabinets

Code: [39-1300/23](#)