

Walk-in/Drive-in Corrosion Test Rooms

In addition to our wide range of **corrosion test chambers** for **salt spray** and **cyclic test standards**, to accommodate the increasing demand for testing large components and assemblies, Ascott now offers a range of **corrosion test rooms**.



ascott
Corrosion Test Chambers

Testing climate resistance **to the limit**

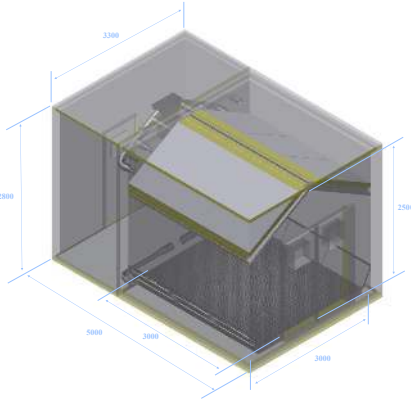
CHAMBER SPECIFICATIONS

EXAMPLE DIMENSIONS

External Dimensions:
5m x 3.3m x 2.8m

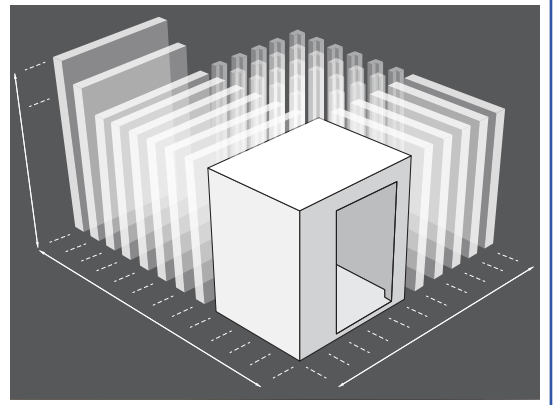
Internal Dimensions:
3m x 3m x 2.5m

Test Space Volume:
23 Cubic Metres



MODULAR CONSTRUCTION

Customised sizes are not a problem with the Ascott Walk-In Chambers, as the length, width and height can be increased in 0.5m increments.



Key Features

- Manufactured from a technical laminate with a resilient glass reinforced plastic (GRP) to the wetted surfaces, providing a high quality, durable and corrosion resistant shell.
- Automatically purges before the doors open to minimise the risk of highly corrosive salt fog escaping into the laboratory.
- Large access doors for easy access with large and heavy test samples.
- PU insulated wall cavities with structural reinforcement for increased strength and thermal efficiency.
- 2 x 110mm entry ports as standard.
- Large capacity salt solution reservoir with transparent front, enabling continuous unattended salt fogging for periods to be confirmed.
- Full colour touch screen control, externally mounted. Menu driven programming and control.
- Interior lighting operated from the touch screen control.
- Easy maintenance atomisers with integral filter systems.
- Salt water delivery from a precise peristaltic pumping system.
- Can be connected to a network through the integrated RJ45 port, for remote programming, control and monitoring.
- Modular system for assembly on site.
- Anti slip floor.

Supplied with a wide range of Options/Accessories

- Single or double doors
- Interior viewing windows
- Access ramps
- Refrigeration systems
- Controlled humidity for cyclic test capability
- ATEX capability - **ideal** for electric vehicle battery tests

Example Dimensions

External Dimensions: 5m x 3.3m x 2.8m

Internal Dimensions: 3m x 3m x 2.5m

Test Space Volume: 23 Cubic Metres

NOTE: Modular construction - length and width can be increased in 0.5m increments.

Example Weight & Load Capacity

Total Weight: 3000Kg

Maximum Floor Load: 1500Kg

Available to test to a wide range of Corrosion Test Standards

Salt Spray model for Salt spray tests including; ASTM B117, ISO 9227, ASTM G85

Performance in Salt Spray Mode:

- Chamber Temperature range; Adjustable from ambient to +60°C.
- Salt fog fallout rates: Adjustable from 0.5 to 2.5ml per 80cm² per hour.
- Air saturator temperature range: Adjustable from ambient to +69°C.

Performance in Condensate Wetting Mode:

- Chamber Temperature Range; Adjustable from ambient to +60°C.
- Humidity Range; Fixed at 90% - 100% (Dependant on chamber temperature set value).
- With controlled humidity option for cyclic corrosion tests including; CCT-1, JASO 609, IEC 60068-2-52, ISO 11997 Cycle B.

Performance available on enquiry and dependant on the required specification.

If you have the need for a **room sized corrosion test chamber**, please contact us with the exact size and specification at: sales@ascott-analytical.com

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