

Cold Salt Spray Testing Down to 8°C

Controlled. Repeatable. Stable at 8°C ±1°C



Why test at 8°C?

Conventional salt spray test standards, such as ASTM B117, ISO 9227 and similar methods, are typically run at 35°C ±2°C or 50°C ±2°C to provide a controlled salt fog environment. Ascott's ACC145 low-temperature salt spray accessory is designed for a different challenge: helping customers understand material and component performance when salt exposure occurs in colder, real-world marine conditions.

In many cold coastal and offshore environments - including the UK, North Sea, Baltic Sea, Scandinavia and North Atlantic regions - seawater temperatures can sit at or around 8°C during winter and early spring. Testing at 8°C helps to more closely mimic cold seawater, sea spray and splash-zone exposure, providing valuable insight for applications such as marine infrastructure, offshore equipment, transport, automotive, rail, defence and other specialist corrosion environments

Key benefits

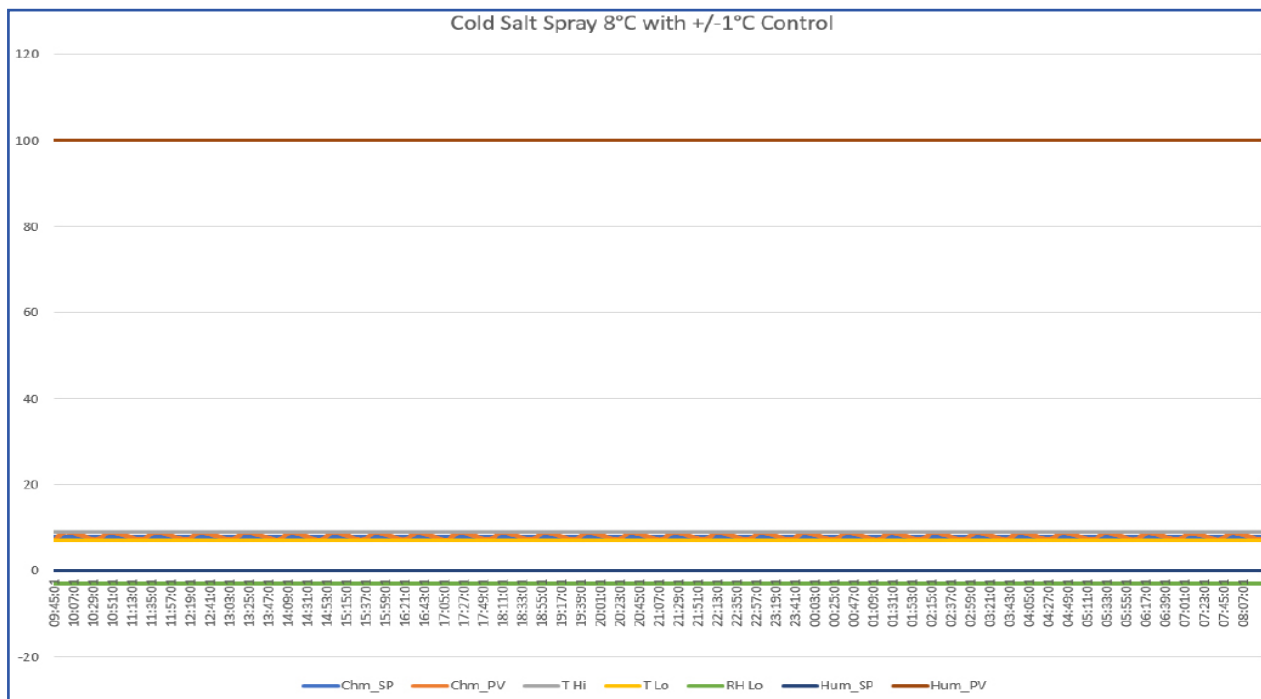
- **Test closer to real-world conditions** with controlled salt spray exposure down to 8°C ±1°C
- **Improve confidence in results** through tight temperature stability and repeatable test conditions
- **Maintain precise low-temperature control** of temperature and salt fog during testing
- **Support specialist corrosion requirements** for cold, wet and high-risk exposure environments

Ideal for: cold coastal or marine exposure, winter road-salt conditions, outdoor infrastructure, transport, automotive, rail and specialist industrial applications.

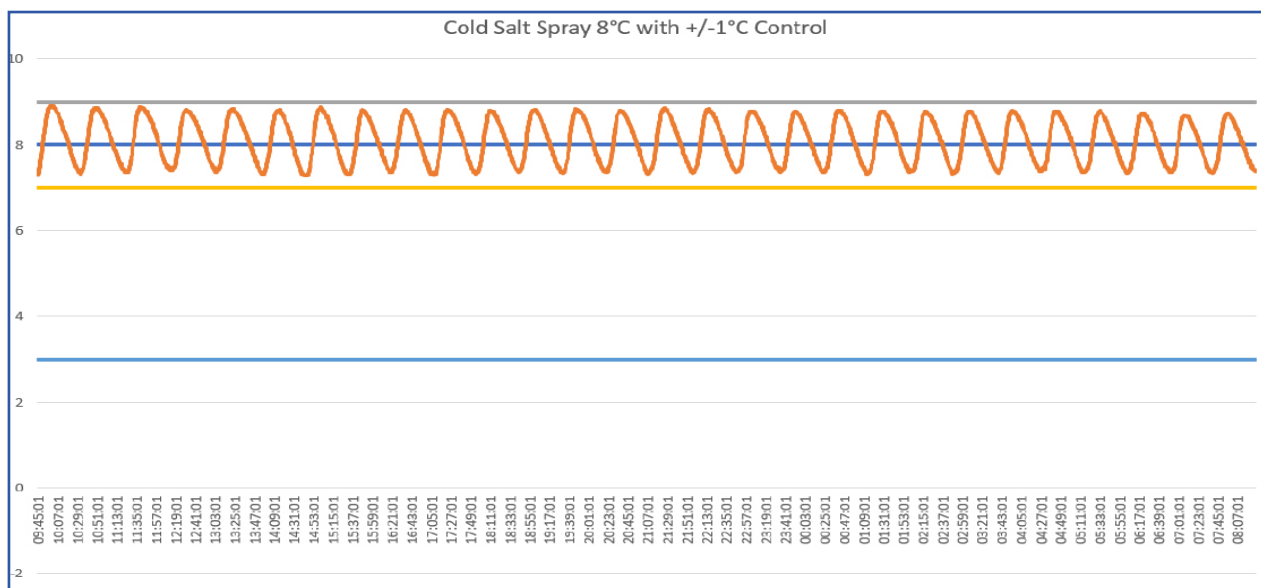
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Performance example: data recorded in an AT1300IP with -40°C Refrigeration Unit



Proof of stability: close-up of tight temperature control within +/-1°C



Compatible chambers

ACC145 can be ordered with any CC1000IP chamber size or above, or with any AT1300IP & AT2600IP chamber fitted with a -20°C or -40°C refrigeration unit — ref. ACC29.

Have a request for a cold salt spray application?

Speak to an Ascott sales representative to discuss compatibility, configuration and application requirements.

Email: sales@ascott-analytical.com

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