

Ford/Volvo/Scania Upgrade for CC Chambers (ACC125)

Ascott are now able to offer an accessory upgrade (factory fit only) for our Cyclic (CC) chambers



This accessory enables testing to a series of important automotive standards as listed below;

- ISO 16701
- Ford CPTP 00.00-L-467
- Volvo VCS 1027,149 (ACT-1)
- Volvo VCS 1027,1449 (ACT-2)
- Volvo STD 423-0014
- Scania STD4319

This new accessory includes a psychrometric humidity system for accurate monitoring and control of humidity, a re-circulating airflow system passing air uniformly over the test samples, which introduces heat and humidity and works in conjunction with the air distribution bar to enhance the chambers performance.

Additionally, it is also equipped with multiple elevated spray nozzles to provide a salt solution 'shower' over the samples, to ensure they are wetted to the degree required in these highly demanding standards.

ascott
Corrosion Test Chambers

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Testing climate resistance **to the limit**

Cyclic Corrosion Test Chambers (CCT)

Ascott CCT chambers are designed to be flexible enough to comply with as many different CCT specifications as possible.

As standard they come with the ability to create 4 distinct climates:

- Salt spray
- Condensation humidity (wetting)
- Air drying
- Controlled humidity

These may be programmed to occur in any sequence and be repeated automatically. A wide range of optional accessories enable additional climates to be added to further extend the number of climates and conditions that can be created.



450 Ltr CCT Chamber

PERFORMANCE

• Wetting Mode

Temperature range - Adjustable from ambient to +50°C/+122°F.
Humidity range - Fixed at 95% - 100% RH.

• Salt Spray Mode

Temperature range - Adjustable from ambient to +60°C/+140°F.
Salt spray fall-out rates - Adjustable from 0.5 to 2.5 ml per 80 cm² per hour.*

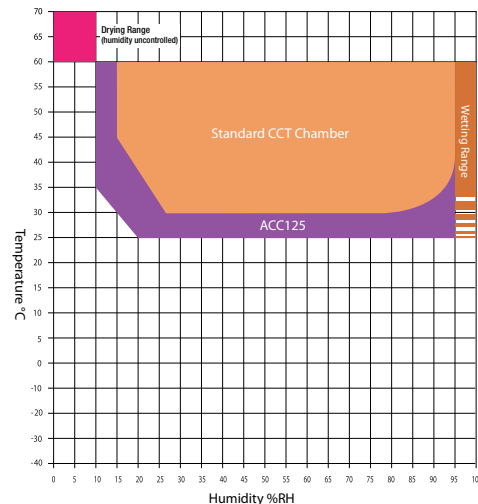
• Drying Mode

Temperature range - Adjustable from ambient to +70°C/+158°F.
Humidity range - Uncontrolled.

• Controlled Humidity Mode

Temperature/humidity range - See graph opposite.

Graph showing standard range of temperature/humidity control for a CCT chamber and how this is extended by the addition of the ACC125.



* Option ACC01 increases fallout rate up to 5.5 ml per 80 cm² per hour.

FEATURES

- 'Easy Open' pneumatically operated canopy.
- Dry seal gasket prevents wetting operator's clothes, etc.
- Low loading threshold for loading and unloading.
- Canopy color choice.
- Interior viewing window (unless refrigeration option is supplied).
- Purge of the cabinet interior with fresh air after testing and before the chamber is opened.
- Set of sample racks
- Large capacity separate salt solution reservoir mounted on wheels for mobility.
- Touch-screen, full color user control interface, using intuitive icons for ease of programming and use.
- RJ45 communications port for connection to a local area network (LAN) for logging and remote programming via a computer running optional Ascott software (ACC120).
- A real-time, user configurable 'clock' to enable different test samples to have their exposure time monitored separately, with alarms to warn when preset test times have been completed.
- A large capacity memory for complex multi-step test programmes to be programmed and stored, so that a wide range of different test profiles can be undertaken.