Test Chamber
Accessories
Guide

Contents

Test Chamber Accessories Guide

This Accessories guide is designed to make selecting a chamber accessory a simple task. All you need to do is:
- Select the accessory you require for the chamber and the tests that you want to perform.
- Referring to the key, select the appropriate accessory.

Selecting the right accessories is just as important as selecting the right chamber, just some of the things you should think about.

Consider what external services you have access to:
- Do you have a compressed air supply or do you require a compressor?
  See accessory ACC04.
- Do you have a pressurised de-ionised water source or do you need a water pressure booster pump? See accessory ACC61.
- Do you have the ability to vent the chamber directly to the outside atmosphere, or do you need an exhaust scrubbing system? See accessory ACC92.
- Do you have access to an external drain, or do you need a waste water pumping system? See accessory ACC20.

Have you considered what standards you might need to test to in the future?
- Sometimes very popular standards might require specific accessories for example additional atomisers for VDA 233-102 (ACC25), not all accessories can be fitted later.

Are you ordering the right solution for holding your samples during the test?
- Are they small or large samples, light or heavy samples, solid shapes or cylindrical?
 See our wide range of sample racks available on pages 15/16.

Do you wish to be able to control and monitor your chamber from a computer in another office?
See our chamber data logging accessory ACC121.

CCT Tests

A wide range of optional accessories available for fitting to CCT chambers and above as designated below to extend the testing capabilities.

ACC01 – Kit for Renault D17 2028 (ECC-1) compliance
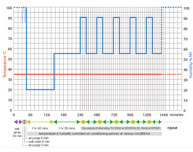
A comprehensive kit of all necessary accessories to equip an Ascott chamber for compliance with Renault D17-2028 & RNES-G-0005 which is more commonly known as ECC-1.

The kit includes ACC42 Wall Wash system, ACC47 Rapid Transition Heater Blower system, ACC82 Insulated Window Cover, ACC102 Salt Solution Consumption Indicator, ACC108 Fallout Measuring Kit and ACC25 an increased Salt Fog Fallout system to achieve the required fallout of 5ml/80cm²/hour.

The Ascott ECC1 Kit has been approved by Renault as compliant.

Salt Spray (iS)	Salt Spray (iP)	Cyclic (CCT)	Atmosfär (AT)	Atmosfär Premium	Kesternich
		●	●	▲	

ACC21 – Upgrade to ECC1 Kit
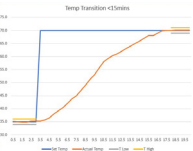
This is an upgrade to the heating system of the chamber in order to be able to transition between 35°C and 70°C (95°F and 158°F) within 15 mins and to also achieve a maximum operating temperature of 80°C (176°F) / 80%RH.

Salt Spray (iS)	Salt Spray (iP)	Cyclic (CCT)	Atmosfär (AT)	Atmosfär Premium	Kesternich
		●	●	▲	

ACC25 – Additional Atomisers for Increased Fallout Rates

Additional salt spray atomiser(s) and associated pump(s) fitted to the chamber, to generate higher fall-out rates of 2.0 to 5.5ml/80cm²/hour, which is required during the salt spray phase of test standards VDA 233-102, Renault D17 2028 (ECC1), SAE J 2334 Method C and RNES-G-0005.

Note: Option ACC25 is not required if option ACC01 is ordered with a chamber, and is it fitted as standard on all Atmosfär Premium models.

Salt Spray (iS)	Salt Spray (iP)	Cyclic (CCT)	Atmosfär (AT)	Atmosfär Premium	Kesternich
		●	●	▲	

ACC29 – Refrigeration & Humidity Control Unit

A separate free standing air temperature and humidity conditioning unit (ATCU), capable of refrigerating a CCT or an Atmosfär chamber down to -20°C or -40°C (-4°F and -40°F).

The ATCU is connected to the chamber by corrosion resistant insulated rigid and inlet & outlet connections (separate optional accessory ACC29/INT). Ascott manufacture different variations of ATCU to suit many customer applications, please speak with your Ascott sales representative for the correct solution for your requirements.

· Available with air cooled or water cooled connections.
· Available with CO2 or R449A cooling technology.
· Available with or without psychrometric humidity control (Psychrometric is recommended for extended humidity periods 90%RH and above).
· Available with temperature range down to -20°C or -40°C (-4°F or -40°F).

Notes:
1. All versions of ACC29 require the chamber to be pre-equipped with option: ACC29/INT.

2. All versions of ACC29 require an independent 3phase electrical supply 380-440v (other voltages are available) and independent connection for DI Water, compressed air & drain.

Salt Spray (iS)	Salt Spray (iP)	Cyclic (CCT)	Atmosfär (AT)	Atmosfär Premium	Kesternich
		●	▲	▲	

## ACC29/INT – Air Conditioner Interface

Comprises of all component parts that need to be pre-installed in an Ascott cyclic chamber to enable connection to an Ascott remote air conditioning unit (ACC29 available separately - see above).

The Kit comprises:

· Inlet and outlet butterfly valves for connection to air conditioning unit
· Interface outlet for connecting the ACC29 Air Temperature Control Unit
· A windowless canopy to maximise thermal efficiency at sub-zero temperatures.

Salt Spray (iS)	Salt Spray (iP)	Cyclic (CCT)	Atmosfär (AT)	Atmosfär Premium	Kesternich
		●	▲	▲	

ACC30 – Fixed Salt Spray (vertically down)
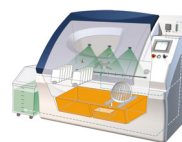
This option comprises of multiple spray nozzles situated at high level inside a cyclic chamber through which salt water is sprayed directly onto the samples on test beneath.

The spray time is adjustable and can be programmed to occur automatically at pre-determined point(s) during the test.

The salt water to be sprayed is held within a separate 160 Litre (42.2 US Gal) capacity holding tank, at ambient temperature (a heated holding tank can be quoted on request). This test is a requirement of some automotive CCT standards, such as; GM9540P & SAEJ2334.

Salt Spray (iS)	Salt Spray (iP)	Cyclic (CCT)	Atmosfär (AT)	Atmosfär Premium	Kesternich
		●	N/A	N/A	

KEY

▲ Fitted as standard on -20c & -40c chamber models.
● Available as Factory Fit optional accessory.
▲ Fitted as standard on Lite chamber versions.
▲ Fitted as standard on chamber.
● Available as separate optional accessory.

ACC32 – Water Fog Humidity
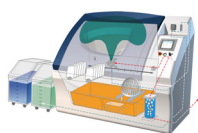
This option provides a second solution line, independent pumping and delivery system and additional reservoir.

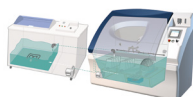It is most commonly used with water to create high humidity conditions (95 -100% RH) by spraying water as a fog, this is a requirement of some standards such as SAE J 2334, GMW 14872 & GMW 9540P.

Salt Spray (iS)	Salt Spray (iP)	Cyclic (CCT)	Atmosfär (AT)	Atmosfär Premium	Kesternich
		●	●	●	

ACC34 – Liquid Immersion

Under programmed control, heated immersion liquid (usually salt water heated to a user adjustable temperature up to +50°C/+122°F) is automatically pumped from the holding tank into the chamber, immersing the test samples.

The liquid is automatically returned to the holding tank at the end of the immersion period.

This option can be fitted to any Ascott CCT or Atmosfär chamber and can be programmed to immerse the samples at any point during the test. Immersion is a requirement of standards Hyundai CCT-C, CCT-D, Honda 5100Z & ASTM G44.

Note: *All versions of ACC34 require the chamber to be preequipped with option: ACC34/INT. Requires independent electrical & drain connections.*

Salt Spray (iS)	Salt Spray (iP)	Cyclic (CCT)	Atmosfär (AT)	Atmosfär Premium	Kesternich
		●	●	●	

ACC34/INT – Liquid Immersion Interface

A complete kit of all component parts that need to be pre-installed in an Ascott Cyclic chamber to enable connection to the Ascott Salt Solution Dipping Facility - option ACC34 (available separately – see above).

The Kit Comprises:

· A chamber mounted solution pump
· Pipework for connection to a separate holding tank
· Electrical & pneumatic connectors.

| Salt Spray (iS)	Salt Spray (iP)	Cyclic (CCT)	Atmosfär (AT)	Atmosfär Premium	Kesternich
		●	●	●	

ACC42 – Wall Wash Facility

This option comprises of a water spray system to automatically wash the walls with water for a user adjustable number of minutes, at programmable points within a corrosion test cycle. This is required for some automotive standards such as Renault D17 2028 or RNES-G-005 or ECC-1. It is also used when rapid cooling is required for JASO M 609, CCT-1, IEC 60068-2-52 and many other test standards.

Note: *This accessory is fitted as standard with ACC01 ECC1 Kit and all Atmosfär Premium Chambers. Requires DI Water connection.*

Salt Spray (iS)	Salt Spray (iP)	Cyclic (CCT)	Atmosfär (AT)	Atmosfär Premium	Kesternich
		●	●	▲	

ACC46 – SO2 Gas Dosing Facility
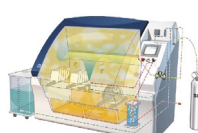
An SO2 gas dosing facility comprising of a chamber mounted dispersion tube, through which SO2 gas can be introduced into the chamber environment, at a rate determined by the setting of a user adjustable control valve and monitored by reference to a flowmeter.

The flow of gas into the chamber can be switched on and off automatically, at user programmable times, using the chambers standard touch screen control panel. This optional accessory is designed to enable chambers to meet the test requirements of ASTM G85 annex A4, and similar international test standards.

Notes:
1. This option cannot be fitted to chambers equipped with ACC01, ACC10, ACC20, ACC34/INT & ACC92 optional accessories.

2. The provision of the SO2 gas cylinder and the connector/regulator for this cylinder is the user's responsibility and is not included as a part of this optional accessory.

| Salt Spray (iS)	Salt Spray (iP)	Cyclic (CCT)	Atmosfär (AT)	Atmosfär Premium	Kesternich
	●	●	●	●	

ACC39 – Blower Add On (Unheated)

Addition of a blower fan assembly to assist with quick transitions of temperature/ humidity process values from a high to a lower level, such as GMW3172.

This is achieved by introducing ambient air from the local area in which the equipment is located by means of forced air blower(s) and ball valve(s).

Note: *No heating is provided by ACC39.*

Salt Spray (iS)	Salt Spray (iP)	Cyclic (CCT)	Atmosfär (AT)	Atmosfär Premium	Kesternich
		●	●	▲	

ACC47 – Heated Blower Add On
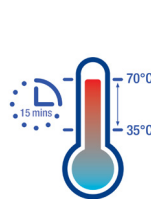
Ascott offers two versions of the ACC47 Blower Heater add on Accessory :

· ACC47/1-7 - enables a rapid transition from salt spray at +35°C to drying at +70°C within 30 minutes

· ACC47/8-11 - enables an Ultra-rapid transition from salt spray at +35°C to drying at +70°C within 15mins, and to also achieve a maximum operating temperature of +80°C (176°F).

The blower heater assists in increasing and decreasing the chamber temperature and also decreasing humidity process values, which is a requirement of test standards such as JASO M609, CCT-1, and IEC 60068-2-52. This is achieved by introducing ambient air from the local area in which the equipment is located by means of a forced air blower and ball valve.

Note: *ACC47 is already fitted as standard with ACC01 & ACC80 accessories, and fitted to all Atmosfär Premium Chamber as standard.*

Salt Spray (iS)	Salt Spray (iP)	Cyclic (CCT)	Atmosfär (AT)	Atmosfär Premium	Kesternich
		●	●	▲	

ACC80 – Interface for ACC90

Pre-equips a CCT chamber with everything needed to connect it to an ACC90 dehumidifier (available separately) The fitting of this interface enables the dehumidifier to be procured at the same time as the chamber, or later if required.

Salt Spray (iS)	Salt Spray (iP)	Cyclic (CCT)	Atmosfär (AT)	Atmosfär Premium	Kesternich
		●			

ACC90 – Dehumidifier

This option provides a free standing, mains powered, ambient air dehumidifier unit for use with option ACC80.

It takes air from the room in which it is located, dehumidifies this air, and delivers it to the CCT chamber air inlet, via a flexible hose.

This therefore reduces the minimum operating humidity range that can be achieved inside the chamber, which would otherwise be the same as the room in which the chamber is located.

Note: *ACC90 requires the chamber to be pre-equipped with ACC80 interface (available separately).*

Salt Spray (iS)	Salt Spray (iP)	Cyclic (CCT)	Atmosfär (AT)	Atmosfär Premium	Kesternich
		●			

ACC112/INT – Interface for ACC112

This option enables a separately delivered air circulating, chiller / dehumidifier, to be connected to the chamber at a later date. It comprises of inlet and outlet butterfly valves mounted through the back chamber wall and associated control equipment.

Salt Spray (iS)	Salt Spray (iP)	Cyclic (CCT)	Atmosfär (AT)	Atmosfär Premium	Kesternich
		●	▲	▲	

ACC112 – Midi Dehumidification Unit

This option provides a free standing, air circulating dehumidification unit. It takes air from within the main chamber, chills or heats the air and dehumidifies it. It returns the air to the chamber by corrosion resistant insulated rigid and inlet & outlet connections (separate optional accessory ACC112/INT).

This therefore reduces the minimum operating temperature and humidity range that can be achieved inside the chamber to 20°C (68°F), which would otherwise be the same as the temperature and humidity of the room in which the chamber is located.

- Available with or without psychrometric humidity control (Psychrometric is recommended for extended humidity periods 90%RH and above).
- Available with CO2 or R449A Cooling Technology.

Notes:

1. All versions of ACC112 require the chamber to be pre-equipped with option ACC112/INT/.

2. All versions of ACC112 require connection to an independent 3 phase power supply 380-440V. (Other voltages are available.)

Salt Spray (iS)	Salt Spray (iP)	Cyclic (CCT)	Atmosfär (AT)	Atmosfär Premium	Kesternich
		●	▲	▲	

External Service Utilities

A full range of accessories to enable chamber operation.

ACC20 – Waste Water Trough & Pump System

A custom-made holding tank, which sits on the floor immediately behind the chamber, into which condensate from the chamber drain can be directed.

When the holding tank fills to a pre-determined level, the condensate will automatically be pumped out by a low voltage marine specification pump, with power being supplied from the Ascott chamber via a panel mount socket and plug. This will discharge waste water to a remote drain or effluent tank located up to 10M/30ft away horizontally and up to 3M/10ft vertically.

3M of drain pipe is supplied with this accessory along with 3 x straight and 3 x 90-degree connectors. Dimensions 924 x 324 x 178mm (w x d x h).

Notes:

1. ACC20 is not suitable for chambers fitted with the SO2 gas dosing optional accessory (Ref.: ACC46) due to the possible existence of H2SO4 in the condensate which will give off SO2 gas if disturbed.

2. Although ideal for use with salt solution, ACC20 is not suited for use with acidic solutions as they may degrade the pump. If acidic solutions are used, the chamber should be regularly flushed with water so that the waste water collected within the holding tank is diluted. This will help to prolong the life of the pump.

Salt Spray (iS)	Salt Spray (iP)	Cyclic (CCT)	Atmosfär (AT)	Atmosfär Premium	Kesternich
●	●	●	●	●	

ACC61 – Water Pressure Booster

An externally mounted water pump that can be used in order to boost the customer fed incoming water pressure. Typically used for the Wall wash optional accessory but can be adapted to suit other water fed systems.

Salt Spray (iS)	Salt Spray (iP)	Cyclic (CCT)	Atmosfär (AT)	Atmosfär Premium	Kesternich
●	●	●	●	●	●

ACC04 – Air Compressor

A free-standing compressor, providing a continuous supply of clean, dry and oil free compressed air, to enable the chamber to function without requiring connection to a local compressed air supply.

Requires independent electrical connection.

	ACC04/2	ACC04/3
Chamber Type	All SIS & SIP Models	All CCT/AT/ECC1 chambers
Output	300 L/Min displaced	440 L/Min
Free Air Delivery (FAD) @ 6 Bar	179 L/Min displaced	260 L/Min
Air Receiver	59 Litres	100 Litres
Noise Output	74dB	76dB

Salt Spray (iS)	Salt Spray (iP)	Cyclic (CCT)	Atmosfär (AT)	Atmosfär Premium	Kesternich
●	●	●	●	●	●

ACC06 – Water Deioniser System

To provide water of suitable purity for topping up a salt spray/cyclic corrosion chamber air saturator, and for making up salt solution to be sprayed. Requires connection to a continuous mains water supply of maximum pressure 5.0 bar.

This system comprises of a regenerable cylinder deioniser and an electronic conductivity indicator.

There are 3 production variations as follows:
- ACC06/1 - Small @ 13.4m^3
- ACC06/2 - Medium @ 19.02m^3
- ACC06/3 - Large @ 27.4m^3.

Life expectancy figures above are the amount of purified water before it reaches 0.1us/cm.

Note: Due to the ongoing need for replacement/regeneration of water deionisers once exhausted, we recommend that these are sourced locally for non-UK customers.

Salt Spray (iS)	Salt Spray (iP)	Cyclic (CCT)	Atmosfär (AT)	Atmosfär Premium	Kesternich
●	●	●	●	●	●

ACC92 – Exhaust Salt Scrubber

The Ascott Scrubber unit is designed to remove highly corrosive salt fog from the chamber exhaust, in chamber installations where it is either not convenient or not possible to allow the chamber exhaust to ventilate freely to atmospheric pressure outside the building.

There are 4 versions available:
- ACC92/1 - Non-Recirculating scrubber for salt spray chambers
- ACC92/2 - Non-Recirculating scrubber for Cyclic Corrosion chambers
- ACC92/3 - Recirculating scrubber for salt spray chambers
- ACC92/4 - Recirculating scrubber for Cyclic Corrosion chambers.

Notes:

1. While the unit is designed to remove salt fog from the chamber exhaust, it is not 'fail safe'. As with all corrosion chambers, there is a potential for salt fog to escape to the local environment. Corrosion chambers and scrubber units should not be positioned near equipment that would be adversely affected should this occur. This unit must never be used with chambers equipped with an SO2 gas dosing facility (ACC46).

2. Require connection to a floor level drain, and a continuous pressurised mains water supply.*

Salt Spray (iS)	Salt Spray (iP)	Cyclic (CCT)	Atmosfär (AT)	Atmosfär Premium	Kesternich
●	●	●	●	●	

ACC58 – Installation Kit

A kit of parts to allow connection between an Ascott corrosion chamber and user provided services.

Typical contents:
3 x 1m drain tubes + 3x couplers + 3X elbows
3 x 1m exhaust tube + 3x couplers + 3X elbows
6m 12mm Braided hose & hose clips
1 x 12mm Hosetail Tee
1 x 8mm alternative air coupler
2 x EU Adaptor for drain and exhaust connections.

Salt Spray (iS)	Salt Spray (iP)	Cyclic (CCT)	Atmosfär (AT)	Atmosfär Premium	Kesternich
●	●	●	●	●	●

Salt Solution Reservoirs

Salt solution reservoirs of various sizes are available. 80L, 115L, 160L & 227L are wheeled, with a drain valve and can be fitted with Air Agitation and/or a low level alarm.

Note: Any model that includes the low level alarm must be ordered with the chamber as these cannot be retrofitted.

Air Agitation

Air Agitation is designed to assist in dissolving salt into water, within an Ascott salt solution reservoir, to create a thoroughly mixed salt solution to be sprayed.

It achieves this by providing a regulated supply of compressed air which can be adjusted by the user, so that the air bubbles agitate and mix the salt solution continuously.

Note: This accessory requires connection to its own compressed air supply.

ACC59/1 – Deluxe Salt Solution: Reservoir (Small)

An 80 Litre (21 US gal) capacity salt solution reservoir, with a graduated scale in litres, a hinged lid for ease of filling and cleaning and mounted on castors for mobility.

External Dimensions: 460mm (w) x 620 mm (d) x 675mm (h).

Salt Spray (iS)	Salt Spray (iP)	Cyclic (CCT)	Atmosfär (AT)	Atmosfär Premium	Kesternich
●	●	●	●	●	

ACC59/5 – Deluxe Salt Solution: Reservoir (Medium)

A 115Litre (30US gal) capacity salt solution reservoir, with a graduated scale in litres, a hinged lid for ease of filling and cleaning and mounted on castors for mobility.

External Dimensions: 560mm (w) x 620 mm (d) x 675mm (h).

Salt Spray (iS)	Salt Spray (iP)	Cyclic (CCT)	Atmosfär (AT)	Atmosfär Premium	Kesternich
●	●	●	●	●	

ACC59/2 – Deluxe Salt Solution: Reservoir (Small)

As ACC59/1, but with air agitation.

Salt Spray (iS)	Salt Spray (iP)	Cyclic (CCT)	Atmosfär (AT)	Atmosfär Premium	Kesternich
●	●	●	●	●	

ACC59/6 – Deluxe Salt Solution: Reservoir (Medium)

As ACC59/5, but with air agitation.

Salt Spray (iS)	Salt Spray (iP)	Cyclic (CCT)	Atmosfär (AT)	Atmosfär Premium	Kesternich
●	●	●	●	●	

ACC59/3 – Deluxe Salt Solution: Reservoir (Small)

As ACC59/1, but with low level alarm.

Salt Spray (iS)	Salt Spray (iP)	Cyclic (CCT)	Atmosfär (AT)	Atmosfär Premium	Kesternich
●	●	●	●	●	

ACC59/7 – Deluxe Salt Solution: Reservoir (Medium)

As ACC59/5, but with low level alarm.

Salt Spray (iS)	Salt Spray (iP)	Cyclic (CCT)	Atmosfär (AT)	Atmosfär Premium	Kesternich
●	●	●	●	●	

ACC59/4 – Deluxe Salt Solution: Reservoir (Small)

As ACC59/1, but with low level alarm and air agitation.

Salt Spray (iS)	Salt Spray (iP)	Cyclic (CCT)	Atmosfär (AT)	Atmosfär Premium	Kesternich
●	●	●	●	●	

ACC59/8 – Deluxe Salt Solution: Reservoir (Medium)

As ACC59/5, but with low level alarm and air agitation.

Salt Spray (iS)	Salt Spray (iP)	Cyclic (CCT)	Atmosfär (AT)	Atmosfär Premium	Kesternich
●	●	●	●	●	

KEY

▲ Fitted as standard on -20c & -40c chamber models.
● Available as Factory Fit optional accessory.
▲ Fitted as standard on Lite chamber versions.
▲ Fitted as standard on chamber.
● Available as separate optional accessory.

Low Level Alarm (Factory Fit Only)

This option provides a level sensor in the salt solution reservoir, which operates if the salt solution level falls below that required for approximately 18 hours of continuous salt spray testing at 1-2ml/hour fall-out rates.

The level sensor is wired into the chamber control system and will bring up an audible alarm and warning message in the display. If the reservoir is not refilled with 18 hours of this condition arising, the running chamber program, will automatically pause/stop.

ACC59/9 – Deluxe Salt Solution: Reservoir (Large)

A160 Litre (42.2 US Gal) capacity salt solution reservoir, with a graduated scale in litres, a hinging lid for ease of filling and cleaning and mounted on castors for mobility.

External Dimensions: 840mm (w) x 500mm (d) x 790mm (h).

Salt Spray (iS)	Salt Spray (iP)	Cyclic (CCT)	Atmosfär (AT)	Atmosfär Premium	Kesternich
•	•	•	•	•	

ACC59/16 – Deluxe Salt Solution: Reservoir (Extra Large)

A 227 Litre (59.9 US Gal) capacity salt solution reservoir, with a graduated scale in litres, a hinged lid for ease of filling and cleaning and mounted on castors for mobility.

External size: 830mm (w) x 640mm (d) x 740mm (h).

Salt Spray (iS)	Salt Spray (iP)	Cyclic (CCT)	Atmosfär (AT)	Atmosfär Premium	Kesternich
•	•	•	•	•	

ACC59/10 – Deluxe Salt Solution: Reservoir (Large)

As ACC59/9, but with air agitation.

Salt Spray (iS)	Salt Spray (iP)	Cyclic (CCT)	Atmosfär (AT)	Atmosfär Premium	Kesternich
•	•	•	•	•	

ACC59/17 – Deluxe Salt Solution: Reservoir (Extra Large)

As ACC59/16, but with air agitation.

Salt Spray (iS)	Salt Spray (iP)	Cyclic (CCT)	Atmosfär (AT)	Atmosfär Premium	Kesternich
•	•	•	•	•	

ACC59/11 – Deluxe Salt Solution: Reservoir (Large)

As ACC59/9, but with low level alarm.

Salt Spray (iS)	Salt Spray (iP)	Cyclic (CCT)	Atmosfär (AT)	Atmosfär Premium	Kesternich
•	•	•	•	•	

ACC59/18 – Deluxe Salt Solution: Reservoir (Extra Large)

As ACC59/16, but with low level alarm.

Salt Spray (iS)	Salt Spray (iP)	Cyclic (CCT)	Atmosfär (AT)	Atmosfär Premium	Kesternich
•	•	•	•	•	

ACC59/12 – Deluxe Salt Solution: Reservoir (Large)

As ACC59/9, but with low level alarm and air agitation.

Salt Spray (iS)	Salt Spray (iP)	Cyclic (CCT)	Atmosfär (AT)	Atmosfär Premium	Kesternich
•	•	•	•	•	

ACC59/19 – Deluxe Salt Solution: Reservoir (Extra Large)

As ACC59/16, but with low level alarm and air agitation.

Salt Spray (iS)	Salt Spray (iP)	Cyclic (CCT)	Atmosfär (AT)	Atmosfär Premium	Kesternich
•	•	•	•	•	

ACC59/14 – Basic Salt Solution Reservoir (Small)

A 73Litre (19 US gal) capacity External salt solution reservoir & lid for ease of filling and cleaning. Graduated scale in litres.

1 supplied as standard with each 450L chamber.

Can be mobile and mounted on castors for mobility when purchased with ACC59/15 Salt Solution Reservoir Dolly.

Salt Spray (iS)	Salt Spray (iP)	Cyclic (CCT)	Atmosfär (AT)	Atmosfär Premium	Kesternich
●	●	●	●	●	

ACC59/15 – Salt Solution Reservoir (73-90L) Dolly

A Dolly for 73Litre (19 US gal) and 90L (23 US gal) external salt solution reservoir.

Salt Spray (iS)	Salt Spray (iP)	Cyclic (CCT)	Atmosfär (AT)	Atmosfär Premium	Kesternich
●	●	●	●	●	

ACC59/13 – Basic Salt Solution Reservoir (Medium)

A 90 Litre (23.7 US Gal) capacity External salt solution reservoir & lid for ease of filling and cleaning. Graduated scale in litres.

1 supplied as standard with each 1000L and above chamber.

Can be mobile and mounted on castors for mobility when purchased with ACC59/15 Salt Solution Reservoir Dolly.

Salt Spray (iS)	Salt Spray (iP)	Cyclic (CCT)	Atmosfär (AT)	Atmosfär Premium	Kesternich
●	●	●	●	●	

ACC24 – Trolley for 120L Bench Top chamber

A trolley on which to locate a 120L chamber. This converts the chamber from bench standing to floor standing format. Mounted on castors, the front two of which are lockable.

There is space beneath the trolley for locating the salt solution reservoir. Overall external dimensions:

- Width (side to side) 137cms (54")
- Depth (front to back) 75cms (29.5")
- Height (top to bottom) 82cms (32.5").

Note: This accessory is designed for use with 120L chambers only.

Salt Spray (iS)	Salt Spray (iP)	Cyclic (CCT)	Atmosfär (AT)	Atmosfär Premium	Kesternich
●	●				

Sample Preparation & Measurement

Equipment to assist in the preparation of samples and measuring and assessment of testing.

ACC36 – Re-transmission of temperature and humidity signals

Re-transmission of the actual chamber temperature & humidity as 2 x 0-10VDC signals via a chamber externally mounted socket (mating plug provided). For wiring to remote data logging equipment provided by the user.

Salt Spray (iS)	Salt Spray (iP)	Cyclic (CCT)	Atmosfär (AT)	Atmosfär Premium	Kesternich
●	●	●	●	●	●

ACC102 – Salt Solution Consumption Sensor

This option comprises of an electronic liquid flow sensor mounted inside the chamber and situated in-line between the salt solution reservoir and the salt spray atomiser. The sensor measures the flow of salt solution from the reservoir to the atomiser. The output from the sensor is displayed digitally at the chamber HMI as instantaneous consumption in ml per min and total consumption in ml.

Designed for use where a high salt solution flow rate is required and where that flow rate should be displayed electronically, such as Renault D17 2028.This has collection rates that equate to 4-6ml/80cm^2/hr.

Note: Designed for use with ACC01 & ACC25 Optional accessories only. This accessory is fitted as standard with ACC01 ECC1 Kit.

Salt Spray (iS)	Salt Spray (iP)	Cyclic (CCT)	Atmosfär (AT)	Atmosfär Premium	Kesternich
		●	●	▲	

ACC49 – Sikkens® Scratch Tool Download interactive PDF
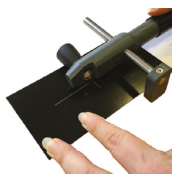
Meets Standards: ISO 17872 (acc. to DIN 9227) & ISO 12944-6.

This scratching tool is specially designed to perform scribes on coated steel panels or test substrates prior to salt spray testing. As standard, the scratch tool is supplied with 3 tungsten carbide cutting blades:

• 1 blade @ 0.5mm thick, the Daimler Chrysler version
• 1 blade @ 1mm thick, the original Sikkens® version
• 1 blade @ 2mm thick, requirement for 2018 update of ISO 12944-6.

The blade is positioned by an adjustable guide block to assist cutting a straight line.

The guide block can be easily adjusted using the Allen keys provided. The tool features a soft grip ergonomically designed handle for ease of use and is supplied in a carry case.

Salt Spray (iS)	Salt Spray (iP)	Cyclic (CCT)	Atmosfär (AT)	Atmosfär Premium	Kesternich
●	●	●	●	●	●

ACC106 – Atomiser Airflow Optimiser

This comprises of an anemometer for measuring airflow and a mounting for this, which positions it at a fixed distance from the end of the salt spray atomiser.

This allows the airflow to be measured and if necessary adjusted. Consistent airflow at the atomiser can be a significant factor in obtaining good salt spray fall-out homogeneity, which is particularly important for some salt spray tests such as Renault ECC-1.

Note: This accessory is fitted as standard with ACC01 ECC1 Kit.

Salt Spray (iS)	Salt Spray (iP)	Cyclic (CCT)	Atmosfär (AT)	Atmosfär Premium	Kesternich
●	●	●	●	▲	

ACC11 – Handheld pH Meter

Handheld, battery powered digital pH meter, for the measurement of pH of the salt fog fallout over the range 0-14 with a resolution of 0.01 pH. The meter is provided with manual temperature compensation, slope, and calibration controls. Supplied complete with buffer solutions for calibration.

Salt Spray (iS)	Salt Spray (iP)	Cyclic (CCT)	Atmosfär (AT)	Atmosfär Premium	Kesternich
●	●	●	●	●	

ACC28 – Handheld Humidity and Temperature Probe

A separate free-standing battery powered data logger, connected to a remote temperature and humidity sensor probe via a 2m long extension cable. The data logger will continuously log the temperature and humidity seen by the probe, for up to 5000 samples of each value, with a user programmable measurement interval adjustable from 15 seconds to 2 hours. The range of temperature and humidity that can be logged is -40°C to 85°C (-40°F to 185°F) and 0 to 100%RH.

Software is also provided which, when installed on a user's PC, enables the data logger to be programmed, and logged data to be retrieved and displayed.

Note: Chamber must be fitted with an optional entry port (ref. ACC10/#) to enable the logger probe to be introduced into the chamber interior.

Salt Spray (iS)	Salt Spray (iP)	Cyclic (CCT)	Atmosfär (AT)	Atmosfär Premium	Kesternich
●	●	●	●	●	

ACC50 – Temperature Data Logger

A battery powered mini data logger, that continuously records the chamber air temperature (deg' C), via a temperature sensor to which it is connected.

The temperatures logged can then be downloaded to a separate computer running appropriate software, which is available as a free download from the manufacturers' website. The external and internal temperatures are independently displayed on the logger.

Salt Spray (iS)	Salt Spray (iP)	Cyclic (CCT)	Atmosfär (AT)	Atmosfär Premium	Kesternich
●	●	●	●	●	●

ACC100 – Handheld Salinity Refractometer

A refractometer measures refractive index to accurately determine the concentration of one substance when dissolved in another, for example, the 5% concentration of salt (Sodium Chloride) in water, which is required by most salt spray test standards.

Our salinity refractometer has been optimised to give a direct reading of percentage Sodium Chloride in the range 0 to 28%, with automatic temperature compensation.

It is convenient to use, as a single drop of the salt solution to be measured is placed on the viewing window, using the pipette supplied, and its salinity read against a high contrast scale, graduated in % Sodium Chloride, to give an accurate reading.

Salt Spray (iS)	Salt Spray (iP)	Cyclic (CCT)	Atmosfär (AT)	Atmosfär Premium	Kesternich
●	●	●	●	●	

ACC108 – Fallout Measuring Kit Download interactive PDF

Comprises of 4 x 100ml measuring cylinders and 4 x 100mm / 4" funnels, for manually collecting and measuring salt spray fall-out inside a chamber, during salt spray testing.

Notes:
1. Not suitable for 120 Litre chambers.
2. One kit supplied as standard with each chamber.
3. This accessory is supplied as standard with ACC01 ECC1 Kit.

Salt Spray (iS)	Salt Spray (iP)	Cyclic (CCT)	Atmosfär (AT)	Atmosfär Premium	Kesternich
●	●	●	●	●	

ACC121 – Data Logging Software

This software allows remote logging of chamber variables and editing of chamber programs. The software communicates via an Ethernet network adaptor from chamber to PC / Laptop. The Workstation / Laptop also requires a USB port to load the software and to accommodate the Dongle that is needed to run this software.

It can be loaded on Workstations or Laptops with Microsoft's Windows 10 and above Operating system. It also requires the following minimum hardware requirements - 1 GHz Processor minimum Processor, 1 GB RAM, video 1280 x 1024 (high colour 16 bit) and it is advised 2GB Hard Disk Space for data.

This software is suitable for logging a maximum of 3 chambers at any one time, providing all chambers are connected to the same network, either via an Ethernet hub or router.

Salt Spray (iS)	Salt Spray (iP)	Cyclic (CCT)	Atmosfär (AT)	Atmosfär Premium	Kesternich
	●	●	●	▲	●

ACC127 – Portable, Disposable SO2 Gas Detector

A portable, disposable SO2 gas detector.

Battery life up to 2 years. 1 button operation. Alarm default - SO2 gas at 1ppm.

Salt Spray (iS)	Salt Spray (iP)	Cyclic (CCT)	Atmosfär (AT)	Atmosfär Premium	Kesternich
	●	●	●	●	●

ACC128 – Wall Mounted SO2 Gas Detector

A high specification, wall mounted SO2 gas detector. Ideally suited for connection to laboratory monitoring systems.

TXgard-IS+ is a loop-powered instrument providing a 4-20 mA signal suitable for direct connection to a control panel. Requires an 8-32V DC power supply. Alarm default – SO2 Gas @ 1pppm.

Salt Spray (iS)	Salt Spray (iP)	Cyclic (CCT)	Atmosfär (AT)	Atmosfär Premium	Kesternich
	●	●	●	●	●

ACC132 – Portable SO2 Gas Detector with Docking Charger

A portable, rechargeable SO2 gas detector.

1 button operation.

Alarm default - SO2 gas at 1ppm.

Salt Spray (iS)	Salt Spray (iP)	Cyclic (CCT)	Atmosfär (AT)	Atmosfär Premium	Kesternich
	●	●	●	●	●

ACC139 – USB Logging Port for IS/Alpha+ Chambers

A USB logging port, surface mounted on the chamber, allowing the customer to download set and process values for the chamber temperature and chamber air saturator, into a csv. file into Excel.
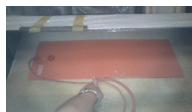
Salt Spray (iS)	Salt Spray (iP)	Cyclic (CCT)	Atmosfär (AT)	Atmosfär Premium	Kesternich
●					

KEY	▲ Fitted as standard on -20c & -40c chamber models.	▲ Fitted as standard on chamber.
	● Available as Factory Fit optional accessory.	● Available as separate optional accessory.
	▲ Fitted as standard on Lite chamber versions.	

Additional Chamber Fittings

A range of additional fittings and accessories.

ACC03 – Additional Heater Mats

Wrap around heater mats fitted to the sides of the chamber to allow the chamber to maintain temperatures of 60°C (140°F) during the salt spray phase, These extra heaters can be fitted to Salt Spray Chambers of 450L and above, they are not available on CCT or Atmosfär range as these chambers already have them fitted as standard.

Salt Spray (iS)	Salt Spray (iP)	Cyclic (CCT)	Atmosfär (AT)	Atmosfär Premium	Kesternich
●	●	▲	▲	▲	

ACC05 – Guardian Angel System

The Guardian Angel comprises a modular light alarm that can be fitted to the top of all Ascott iP chambers. When the chamber is in daily use in the laboratory it allows the occupants of the area to see the status of the chamber visually at a distance depending on the colour of the status light.

GREEN Everything is operating correctly.

AMBER The chamber has a small problem which will eventually need attention but is still operational.

RED The chamber operation has been stopped and needs immediate attention.

Three different variants of the light alarm are available, the standard version, a USB connected version, and an Ethernet connected version. The USB and Ethernet versions can be remotely monitored on a PC with the use of software supplied with the system, this software also supports e-mail notification when an alarm is triggered. Should a standard system be purchased which the operator wishes to connect in the future, upgrade packs are also available.

Product Code Description:

· ACC05/1 Guardian Angel System - LED version
· ACC05/2 Guardian Angel System - LED with USB connectivity version
· ACC05/3 Guardian Angel System - LED with Ethernet connectivity
· ACC05/4   Guardian Angel System - USB add on unit only
· ACC05/5   Guardian Angel System - Ethernet add on unit only.

Salt Spray (iS)	Salt Spray (iP)	Cyclic (CCT)	Atmosfär (AT)	Atmosfär Premium	Kesternich
	●	●	●	●	●

ACC07 – Two Button Canopy Control

Two button canopy operation ensures that the user must stand to the side of the chamber and use both hands in order to operate the pneumatically actuated canopy.

Salt Spray (iS)	Salt Spray (iP)	Cyclic (CCT)	Atmosfär (AT)	Atmosfär Premium	Kesternich
●	●	●	●	●	●

ACC10 – Entry Port

A 35mm (1.27") diameter sealable chamber entry port. Passes through the left-hand wall of the chamber to enable the connection of external monitoring/driving equipment to the load under test.

Available in 3 options:

· ACC10/1 - 35mm / 1.27" diameter port
· ACC10/2 - 110mm / 4.3" diameter port
· ACC10/4 - Combined 35mm & 110mm / 1.27 & 4.3" diameter port.

Note: *Not suitable for use with ACC46 – S02 Gas Dosing or 120 Litre chambers. 1 x ACC10/2 is fitted as standard on all Atmosfar Premium Chambers.*

| Salt Spray (iS)	Salt Spray (iP)	Cyclic (CCT)	Atmosfär (AT)	Atmosfär Premium	Kesternich
●	●	●	●	▲	

ACC26 – Interior Lighting

This option illuminates the chamber interior, when a pushbutton switch on the control panel is operated by the user.

Touching it once turns the chamber interior illumination on for 10 minutes. It then turns off automatically. Touching the icon again will turn off the interior illumination.

Note: *Interior illumination cannot be supplied either with sub-zero Atmosfär chambers or with chambers equipped with optional accessory ACC29.*

Salt Spray (iS)	Salt Spray (iP)	Cyclic (CCT)	Atmosfär (AT)	Atmosfär Premium	Kesternich
●	●	●	●	●	▲

ACC31 – Oscillating Spray Bar
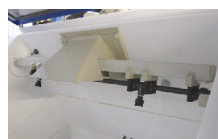
This accessory is offered for our 1300L & 2600L CCT chambers only. The extra depth (front to back dimension) at the top of these two chambers has been specifically designed to accommodate this arrangement of oscillating spray nozzles.

Set high in the chamber, these spray nozzles sway backwards and forwards, to produce a fan shaped spray pattern which ensures that test samples located in the sample racks beneath, are 'swept' uniformly with a spray of saltwater solution from above. The duration of this spraying is user programmable.

A separate reservoir holds the salt water to be sprayed at ambient temperature.

Salt Spray (iS)	Salt Spray (iP)	Cyclic (CCT)	Atmosfär (AT)	Atmosfär Premium	Kesternich
		●	▲	▲	

ACC51 – Sip Humidity Sensor

A precision capacitive Relative Humidity probe fitted within the chamber. Complete with protective air curtain facility.

This allows salt spray IP chambers to display the relative humidity during air drying or condensation humidity modes if required.

Salt Spray (iS)	Salt Spray (iP)	Cyclic (CCT)	Atmosfär (AT)	Atmosfär Premium	Kesternich
		●	▲	▲	▲

ACC56 – Chamber Raising Kit

A kit of 4 plastic legs which insert into precut holes under the chamber chassis to increase the height off the ground by maximum 140mm (5.5"). This will raise the chamber drain outlet by the same amount, so increasing the 'fall' available to the nearest wastewater drain, which will encourage wastewater to flow to it.

This is especially useful if the drain is located some distance away from the chamber and/or is not at a low enough level for the wastewater to flow very well.

Note: *Only suitable for chambers manufactured after April 1st, 2016.*

Salt Spray (iS)	Salt Spray (iP)	Cyclic (CCT)	Atmosfär (AT)	Atmosfär Premium	Kesternich
●	●	●	●	●	

ACC66 – Manual Filling Air Saturator

As standard, all Ascott chamber air saturators are designed to fill themselves automatically, provided the chamber is connected to a continuous pressurised supply of suitable water. If such a supply is not available, then selecting this optional accessory will enable the air saturator to be manually filled and periodically topped up with water by hand.

Note: *This is only possible when salt spray testing. Adds 75mm/3" to external chamber width.*

Salt Spray (iS)	Salt Spray (iP)	Cyclic (CCT)	Atmosfär (AT)	Atmosfär Premium	Kesternich
●	●	●	●	●	

ACC78 – User Programmable Output Signal

This option enables the chamber user to have their own remote electrical equipment switched on/off at user programmable times, during a running test program. The output is provided via a voltage free change over contact (3A rated at 30VDC/250VAC) terminated at a chamber mounted 3-pin plug and socket for the user to wire to. There are 10 user settable time events, up to a maximum time of 9999 hours and 59 minutes.

Note: *A maximum of 4 output signals can be fitted to a chamber.*

Salt Spray (iS)	Salt Spray (iP)	Cyclic (CCT)	Atmosfär (AT)	Atmosfär Premium	Kesternich
	●	●	●	●	

ACC94 – Quick Release Compressed Air Coupling

A control panel mounted, quick release, compressed air coupling, to allow independent verification of the air pressure gauge fitted as standard to Ascott chambers, for calibration purposes.

The coupling comprises of a socket type receptacle fitted to the control panel, with integral one-way check valve, and a removable mating plug. The mating plug will accept 4mm (0.16") (outside diameter) push-fit compressed air hose, for connection to the verification instrumentation (not supplied).

Salt Spray (iS)	Salt Spray (iP)	Cyclic (CCT)	Atmosfär (AT)	Atmosfär Premium	Kesternich
●	●	●	●	●	

ACC82 – Window Insulated Cover

As standard, Ascott chambers have a single glazed polycarbonate window, mounted in the chamber canopy. This window can be insulated by the addition of this optional accessory. This will reduce the amount of condensation that can form on the inside of the window during testing and will also improve thermal efficiency.

It comprises of an insulated cover, which is specially shaped to match the window aperture. This is placed over the outer surface of the window by hand. It can easily be removed again when the inside of the chamber needs to be viewed.

Note: *Not required for chambers equipped with the refrigeration and humidity control unit (ACC29). This accessory is fitted as standard with ACC01 ECC1 Kit.*

| Salt Spray (iS)	Salt Spray (iP)	Cyclic (CCT)	Atmosfär (AT)	Atmosfär Premium	Kesternich
●	●	●	●	▲	

ACC110 – Vertically Operating Canopy

Special design of canopy to allow it to open to a vertical position, to enable access from above (e.g., by crane) for large and/or heavy test samples.

Salt Spray (iS)	Salt Spray (iP)	Cyclic (CCT)	Atmosfär (AT)	Atmosfär Premium	Kesternich
●	●	●	●	●	

ACC123 – Remote Salt Fog Collection
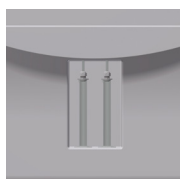
This comprises of two 80cm² collecting vessels mounted on adjustable supports within the chamber and linked to two transparent measuring cylinders, mounted externally. This system allows salt fog fall-out to be collected and measured continuously without the need to open the chamber canopy and interrupt the test.

Note: *This accessory is not available for 120L Chambers.*

Salt Spray (iS)	Salt Spray (iP)	Cyclic (CCT)	Atmosfär (AT)	Atmosfär Premium	Kesternich
●	●	●	●	●	

ACC134 – Increased Salt Spray Volume

Additional atomisers to achieve the higher fallout rate required by JSS 55555, where the quantity of salt solution sprayed per hour must be approx. 1% of the volume of the chamber, for example 4.5L p/h for a 450L chamber, 10L p/h for a 1000L Chamber 20L p/h for a 2000L Chamber etc.

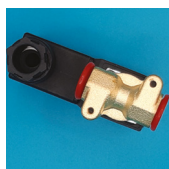| Salt Spray (iS)	Salt Spray (iP)	Cyclic (CCT)	Atmosfär (AT)	Atmosfär Premium	Kesternich
	●		●	●	

ACC136 – Air Inlet Isolation Valve

Isolation valve added to the inlet of the compressed air line. This allows for the Ascott chamber to be isolated from the incoming air, when the same airline is used for multiple pieces of other equipment.

Salt Spray (iS)	Salt Spray (iP)	Cyclic (CCT)	Atmosfär (AT)	Atmosfär Premium	Kesternich
●	●	●	●	●	●

ACC137 – Air Saturator Pressure Vent Solenoid Valve

A Solenoid valve fitted to the air saturator to vent the air pressure; this allows the air saturator to automatically refill when the incoming water pressure is below the recommended 2.5 bar limit.

Salt Spray (iS)	Salt Spray (iP)	Cyclic (CCT)	Atmosfär (AT)	Atmosfär Premium	Kesternich
●	●	●	●	●	

ACC138 – Analogue Air Pressure Gauge

An Analogue Air Pressure gauge, surface mounted on the front of the chamber, allowing you to see immediately the incoming air pressure. This is in addition to the digital air pressure gauge on the chambers control panel.
If a chamber has more than 1 atomiser, the analogue gauge is supplied as standard.

Note: Fitted as standard to Atmosfar Premium Chambers and with the following accessories: ACC01, ACC134 or ACC25.

Salt Spray (iS)	Salt Spray (iP)	Cyclic (CCT)	Atmosfär (AT)	Atmosfär Premium	Kesternich
●	●	●	●		

KEY

▲ Fitted as standard on -20c & -40c chamber models.
● Available as Factory Fit optional accessory.
▲ Fitted as standard on Lite chamber versions.

▲ Fitted as standard on chamber.
● Available as separate optional accessory.

Sample Racks and Supports

Whatever the size, weight, or shape of your samples, we have a solution to suit.

## ACC14 – Variable Slotted Sample Rack Download interactive PDF
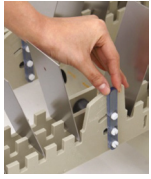
These sample racks have three parallel slotted support rails, which are flexibly connected in-line. The outer two rails are fixed, and the centre rail is adjustable - using a hand operated lever. The inner rail can therefore be moved backwards/forwards with respect to the fixed outer rails.

The samples to be tested (usually test panels/coupons) are placed in the slots in the support rails. The action of moving the inner rail with respect to the outer rails, varies the effective width of the slot (and hence allows test samples of different thicknesses - up to 6mm/0.25" - to be accommodated) and can also be used to vary the angle of inclination (up to 20 degrees from vertical – depending on the test sample thickness).

Salt Spray (iS)	Salt Spray (iP)	Cyclic (CCT)	Atmosfär (AT)	Atmosfär Premium	Kesternich
●	●	●	●	●	●

ACC15 – Mesh Racking
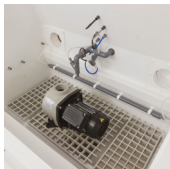
Mesh type racking with an aperture of 30mm (1.18") for testing small component parts. Locates on either the upper or lower level supports provided as standard inside the chamber, and removable if required. This product is available in a variety of sizes to suit different capacity chambers.

Upper Level:
• ACC15/2 - 450L Chambers: Max weight 300kg/661lbs
• ACC15/4 - 1000 & 1300L Chambers: Max weight 400kg/881lbs
• ACC15/6 - 2000 & 2600L Chambers: Max weight 500kg/1100lbs.

Lower Level:
• ACC15/3 - 450L Chambers: Max weight 300kg/661lbs
• ACC15/5 - 1000 & 1300L Chambers: Max weight 400kg/881lbs
• ACC15/7 - 2000 & 2600L Chambers: Max weight 500kg/1100lbs.

Salt Spray (iS)	Salt Spray (iP)	Cyclic (CCT)	Atmosfär (AT)	Atmosfär Premium	Kesternich
●	●	●	●	●	●

ACC16 – Slotted Sample Racks Download interactive PDF
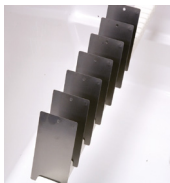
Removable slotted type sample rack for testing panels/coupons. These sample racks are available in a variety of lengths to suit different sizes of chamber, and to suit the upper and lower sample rack mounting positions provided in floor standing chambers.

Each rack has slots 1/8"/3mm wide, angled at 15 degrees from vertical.

Special racks with wider slots are available on request.

Salt Spray (iS)	Salt Spray (iP)	Cyclic (CCT)	Atmosfär (AT)	Atmosfär Premium	Kesternich
●	●	●	●	●	●

ACC17 – Rod Sample Racks

Removable rod type sample rack. Can be used for suspending small test samples hung beneath, or for supporting larger test samples placed on top of at least 2 rod type sample racks, situated adjacent to each other inside the chamber.

This product is available in a variety of sizes to suit different capacity chambers, and can be located on upper & lower support levels.

Salt Spray (iS)	Salt Spray (iP)	Cyclic (CCT)	Atmosfär (AT)	Atmosfär Premium	Kesternich
●	●	●	●	●	●

ACC18 – Spiked Sample Racks

Removable spiked type sample rack. Can be used to suspend test samples from the 10mm/0.4" diameter x 55mm/2" long spikes, which are equally spaced and protrude from 2 opposite sides of the rack.

This product is available in a variety of sizes to suit different capacity chambers.

Salt Spray (iS)	Salt Spray (iP)	Cyclic (CCT)	Atmosfär (AT)	Atmosfär Premium	Kesternich
●	●	●	●	●	●

ACC19 – Reinforced False Floor

Removable reinforced false floor that is located over the chamber base, to provide a horizontal platform on which large/heavy test samples can be placed. This product is available in a variety of sizes to suit different capacity chambers.

Notes:
1.This option will reduce the internal height available for testing samples inside the chamber by approximately 82mm (3.2").

2. This option can only be used with Atmosfär chambers if the air collection duct is first removed from the bottom of the chamber.

Salt Spray (iS)	Salt Spray (iP)	Cyclic (CCT)	Atmosfär (AT)	Atmosfär Premium	Kesternich
●	●	●	●	●	●

## ACC16/6 – General Motors Test Plate Kit

A set of 10 specially designed Polycarbonate test plate holders and nylon fixings, as pictured, for mounting General Motors test plates in accordance with the requirements of GMW14872 - in an existing Ascott slotted sample rack, ref ACC16.

Salt Spray (iS)	Salt Spray (iP)	Cyclic (CCT)	Atmosfär (AT)	Atmosfär Premium	Kesternich
●	●	●	●	●	●

KEY

▲ Fitted as standard on -20c & -40c chamber models.
● Available as Factory Fit optional accessory.
▲ Fitted as standard on Lite chamber versions.

▲ Fitted as standard on chamber.
● Available as separate optional accessory.

ACC43 – Test Plate to Hold Small Items/Fasteners
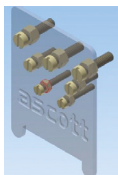
A polycarbonate test plate holder pre-drilled with 7 holes (3 x 6mm, 2 x 5mm, 2 x 4mm) which are fitted with the nuts and bolts:

· 3 of them with fitted with an M6 x 25 nylon nut and bolt
· 2 of them with fitted with an M5 x 20 nylon nut and bolt
· 2 of them with fitted with an M4 x 25 nylon nut and bolt.

When loaded with samples the plate slots into the standard slotted sample racks supplied with each Ascott chamber. (Ref ACC16).

The plate can be used in different ways, if the nuts and bolts are removed the holes can be used to suspend samples directly (as long as the samples do not fall through the hole), or small samples with a through hole (nuts, washers etc.) can be suspended on the bolts.

Salt Spray (iS)	Salt Spray (iP)	Cyclic (CCT)	Atmosfär (AT)	Atmosfär Premium	Kesternich
●	●	●	●	●	●

Service, Spares & Consumables

Kits to help you maintain your Ascott Chamber together with consumables that will be required for operation

ACC57/1 – 12 Month Consumables Kit Download interactive PDF

A consumables spares kit for an Ascott salt spray test chamber. The items supplied should be sufficient for up to 1 year.

Note: *A consumables spares kit is supplied as standard with every new chamber.*

Salt Spray (iS)	Salt Spray (iP)	Cyclic (CCT)	Atmosfär (AT)	Atmosfär Premium	Kesternich
●					

ACC57/2 – 12 Month Consumables Kit Download interactive PDF

A consumables spares kit for an Ascott standard 'IP' Premium salt spray chamber, Cyclic Corrosion Chambers and Atmosfärs. The items supplied should be sufficient for up to 1 year.

Note: *A consumables spares kit is supplied as standard with every new chamber.*

Salt Spray (iS)	Salt Spray (iP)	Cyclic (CCT)	Atmosfär (AT)	Atmosfär Premium	Kesternich
	●	●	●	●	●

ACC12/2 – 36 Month Service & Spares Kit
Download interactive PDF

An initial kit of spare parts for servicing and maintaining an Ascott salt spray 'IP' or cyclic corrosion test chamber, for up to 3 years from its first use.

Salt Spray (iS)	Salt Spray (iP)	Cyclic (CCT)	Atmosfär (AT)	Atmosfär Premium	Kesternich
●	●	●	●	●	

## ACC12/3 – 72 Month Service & Spares Kit
Download interactive PDF

A comprehensive kit of spare parts for servicing and maintaining an Ascott salt spray IP or cyclic corrosion test chamber, for up to 6 years from its first use, or it's last service.

Salt Spray (iS)	Salt Spray (iP)	Cyclic (CCT)	Atmosfär (AT)	Atmosfär Premium	Kesternich
●	●	●	●	●	

ACC131 – CR4 Grade Steel Corrosion Test Coupon
Download interactive PDF
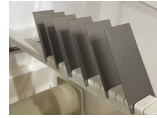
Ascott CR4 Steel Test panels are used to check the reproducibility and repeatability of the test results for Salt Spray or Cyclic Corrosion Test Chambers, before being used to run ISO 9227 or VDA 233-102.

· Material Type: Cold Rolled Steel CR4
· Thickness: 1mm (+/- 0.2mm)
· Size: 70mm x 150mm (+/- 0.2mm)
· Pack Quantity: 20.

Salt Spray (iS)	Salt Spray (iP)	Cyclic (CCT)	Atmosfär (AT)	Atmosfär Premium	Kesternich
●	●	●	●	●	●

SALA530 – Corrosalt Download interactive PDF

Highest purity salt for fully compliant testing.

· For all salt spray testing including the stringent ASTM B117.
· Available in 25Kg (55lb) drums.
· Drums are supplied with a scoop to maintain purity when handling.

Salt Spray (iS)	Salt Spray (iP)	Cyclic (CCT)	Atmosfär (AT)	Atmosfär Premium	Kesternich
●	●	●	●	●	

ACC135 – GMW 14872 & GMW 9450P Test Coupons
Download interactive PDF

With a 1/4" / 6.35mm centre hole to allow for secure bracketing.

Heavy Oil Mass Loss Coupons that are fully compliant with the requirements of GMW14872 & GM9540P. Originally developed by General Motors these standards have gained popularity for corrosion tests within the automotive industry and have also become the preferred corrosion test of the US Navy.

Material Type: Cold Rolled Steel (ASTM 1008/1010)
Size: 1" x 2" / 25.4 x 50.8mm
Thickness: 0.125" / 3.175mm
Numeric ID
Pack Quantity: 20

Salt Spray (iS)	Salt Spray (iP)	Cyclic (CCT)	Atmosfär (AT)	Atmosfär Premium	Kesternich
●	●	●	●	●	●

☑ Inspected ☑ Tested
☑ Measured ☑ Approved

Local representative/supplier:

All Ascott chambers are C€ marked.

ascott
35 YEARS

ascott
a weiss technik company

Testing climate resistance **to the limit**