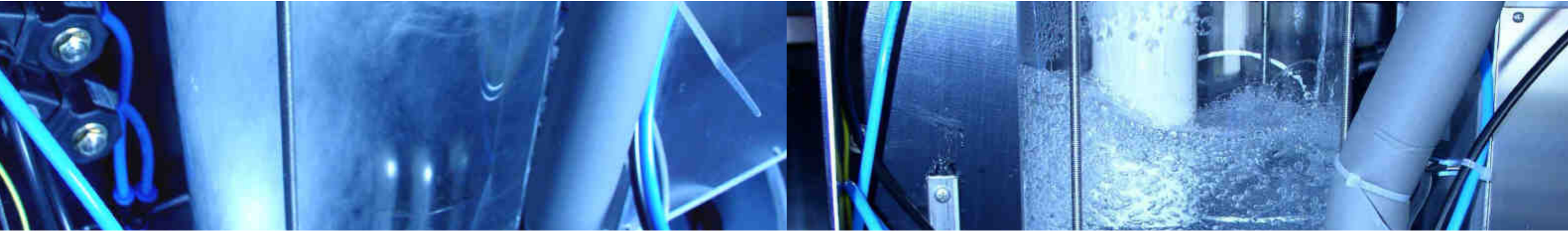


## Advanced Corrosion Test Equipment



*Bench top and chest designed cabinets for:*

*Salt Spray Tests  
Water condensation- and Humidity Tests  
Kesternichtests  
Salt Spray Tests-/Water condensation Tests  
Fully Automatic Cyclic Climate Tests*

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Please choose from our wide product range :



**for Water condensation- and Kesternichtests (CON)**



300 L



**Cabinets complying with ISO 6270-2**

- Condensation atmosphere with constant humidity Tests (CH)
- Condensation climate with alternating humidity and air temperature (AHT) Standard: With automatic aeration with ambient climate according to DIN 50017/DIN 50014.

Alternative: with automatic opening door

- Kesternich-Tests with manual dosing of sulphur dioxide acc. to **ISO 6988**

- Cabinets for carryin out fully automatic Kesternichtests according to DIN EN **ISO 6988**.

Options:

- CTD-System for controlled condensation
- increased working temperature +60°C
- automatic refill of demin. water
- controlled humidity

Testing chambers

Cabinets: 300 L , 400 L, 1000 L  
Chests: 600 L, 1000L



400 L



400 L



300 L

Condensation water- and Humidity tests



**Unique: Controlled water condensation (CTD)**



The double-shelled roof construction ensures the desired good heat insulation during the salt mist phase.

For the obtainment of optimal conditions for the condensation of the evaporated water heat losses are, however, required. As soon as the vertical temperature difference measured in the test room is reduced, fans suck in room air through the double-shelled roof and leads the surplus heat away.

For that reason the temperature is kept constant in the upper test chamber and provides even conditions for the water condensation.

This advantage of the CTD system (Controlled Temperature Difference system) does not only lead to a higher reproducibility of the climatological conditions of condensed water testing instruments. Particularly combined salt spray /humidity test cabinets and fully automatic cyclic corrosion tests benefit from this patented system

- **Bench top Cabinets**
- **Compact Cabinets**
- **Chest designed Cabinets**



**for fully automatic Cyclic Corrosion Tests (CCT), such as. VDA, VW, GM, BMW, Daimler Chrysler, Renault, Nissan, Honda, VOLVO, SAE,**



**for Salt Spray Test (SAL)**



400 L



- Salt spray tests acc. to ISO 9227 ASTM B 117 DIN 50021 SS, ESS, CASS, sowie gemäß ASTM, BS, DEF, JIS, NF, SIS, ECCA

Options:

- Chamber cleaning
- Rinsing of the specimen
- Switch over to a second reservoir and cleaning of the tubing system.
- Automatic supply of test solution from a central tank
- intermittent working mode (Spraying/drying)
- Workingsystem watercondensation constant climate (CH)



1000 L



600 L



400 L



1000 L

CCT-Cabinets are furnished with the workingsystems

- Salt Spray Test
- Water Condensation / CTD-System
- Aeration (Ambient Air)

to carry out basic cyclic corrosion tests such as VDA 621-415 or VW PV 1210

The range of performance can be extended by the following working systems and options thus the CCT Cabinets reach a multifunction status:

- Forced air drying
- Controlled air flow
- Controlled humidity
- Fully automatic dosing of sulphur dioxide
- Automatic selection of the test solution reservoir
- Cleaning of the test chamber
- Rinsing of the specimen

There is a climatic module available if the air has to be conditioned according to DIN 50014 (23/50)

The innovative case construction provides a rapid and even heat transmission into the test chamber. This allows the controlling of temperatures and humidity in narrow tolerances.

The CCT-, and MF-cabinets are equipped with a Interface RS 232 to monitor the process. In addition to that there are further options available such as

- Ethernet Interface module
- GRPM Modem for remote monitoring

**depending on technical and spatial conditions the equipment can be equipped with different operating systems flexibly according to the test procedures .**

**Your benefits:**

- reliable test results due to a high reproducibility of the climatological conditions
- compact space-saving equipment
- convenient and safe operation
- modern attractive design
- high load of the test chambers
- the best price-performance ratio
- low service- and maintenance costs
- competent technical advice before and after the purchase
- distinctive customer kindness

**All cabinets are subject to technical or design changes.**