



Salt Fog Cabinets

Service description

- Systems for simulating the influence of saline environment corrosion on components

Areas of application

- Salt spray tests
- Temperature control, humidification
- Test standards: RTCA/DO-160, MIL-STD 810, LV124, ASTM B 117, ISO 9227

Added value for our customers

- Additional material testing enable a conclusion for product optimization

Technical Data

- **Salt spray and fog**
Temperature range:
room temperature up to +60 °C
- **Climate tests**
Temperature range:
room temperature up to +50 °C
Humidity: 20 % to 95 % relative humidity
- **Drying/Ventilation**
Temperature range:
room temperature up to +50 °C
Temperature gradient: 5 K/min
Humidity: up to 30 % relative humidity
- **Test chamber dimensions (LxWxH):**
1,560 mm x 510 mm x 740 mm
- **Floor loading:** max. 100 kg
- **Cable feedthrough** via water basin



Contamination Units

Service description

- Contamination tests to verify the resistance of surfaces to various liquids and substances on material samples or complete components

Areas of application

- Contamination with fluids
- Exposure at high temperature
- Test standards: MIL-STD 810, RTCA/DO-160, LV124

Added value for our customers

- Additional material testing enable a conclusion for product optimization

Technical Data

- **Number of fluids:**
Approx. 300, e.g. insecticides, lubricating oils, hydraulic fluids, solvents, cleaning agents, alcohols, fuels, de-icing agents, grease, fire extinguishing agents and more.
- Conditioning of fluids and temperate storage up to +180 °C possible